



March 30, 2026

**New Mexico Oil Conservation Division**

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

**Re: 2025 Annual Groundwater Monitoring Report**

Sullivan Gas Com D #1E  
San Juan County, New Mexico  
Hilcorp Energy Company  
NMOCD Incident No: NCS1518952648

To Whom it May Concern:

On behalf of Hilcorp Energy Company (Hilcorp), Ensolum, LLC (Ensolum) presents this 2025 *Annual Groundwater Monitoring Report* to the New Mexico Oil Conservation Division (NMOCD) to document groundwater sampling activities conducted in 2025 at the Sullivan Gas Com D #1E natural gas production well (Site). The Site is located in Unit F, Section 26, Township 29 North, Range 11 West, in San Juan County, New Mexico (Figure 1).

### **SITEWIDE GROUNDWATER MONITORING**

Groundwater monitoring activities were conducted on a quarterly basis in 2025. Specifically, groundwater sampling events were conducted in February/March, May/June, and August 2025. Sampling during the fourth quarter of 2025 was inadvertently missed, as such, Hilcorp collected samples as soon as this was recognized in January 2026. Sampling activities included Site-wide fluid level measurements and groundwater sampling for laboratory analysis.

Prior to purging and sampling, static depth to groundwater and total depth of each monitoring well was measured using a Keck® oil/water interface probe. Depth to PSH was also recorded when present and a correction factor of 0.7996 was applied to the elevation to account for the depression of the water column caused by the presence of overlying PSH. The interface probe was decontaminated with Alconox® soap and rinsed with distilled water prior to each measurement to prevent cross contamination. Depth to groundwater and groundwater elevations are summarized in Table 1. In general, groundwater typically flows to the west at the Site. However, during the second and third quarters of 2025, groundwater flow direction in the western portion of the Site flowed to the east. Figures 2 through 5 depict groundwater elevations, inferred potentiometric contours, and estimated flow direction from the 2025/2026 sampling events.

### **GROUNDWATER SAMPLING AND RESULTS**

Groundwater monitoring wells were sampled by purging a minimum of three casing volumes or purging until the well bails dry. Water quality parameters are collected during the purging process from each well. Once purging was complete, groundwater samples were collected directly into

laboratory provided containers. Samples are labeled with the date and time of collection, sample name, sampler's name, and parameters to be analyzed. Strict chain-of-custody procedures are documented and include the date and time sampled, sample number, type of sample, sampler's name and signature, preservative used, and analysis required. Groundwater samples were collected into laboratory provided sample bottles and immediately placed on ice for preservation. Samples were submitted under strict chain-of-custody protocol to Eurofins Environment Testing (Eurofins) in Albuquerque, New Mexico for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) following Environmental Protection Agency (EPA) Method 8260B.

Based on the analytical results, MW-22, MW-25, and MW-28 had one or more BTEX constituents detected at concentrations exceeding NMWQCC standards. In general, BTEX concentrations in all wells with NMWQCC exceedances have decreased since sampling commenced in 2015. Additionally, trace PSH was found present during all four quarters in wells PR-1, PR-2, MW-01, MW-02, MW-05, MW-06, MW-08, MW-12, MW-13, MW-14, MW-15, MW-18, MW-19, MW-20, MW-23, and MW-24.

Groundwater analytical results from these sampling events are summarized in Table 2 and on Figures 2 through 5, with complete laboratory analytical reports attached as Appendix A.

Ensolum appreciates the opportunity to provide this report to the NMOCD. Please direct any questions to the undersigned.

Sincerely,

**Ensolum, LLC**



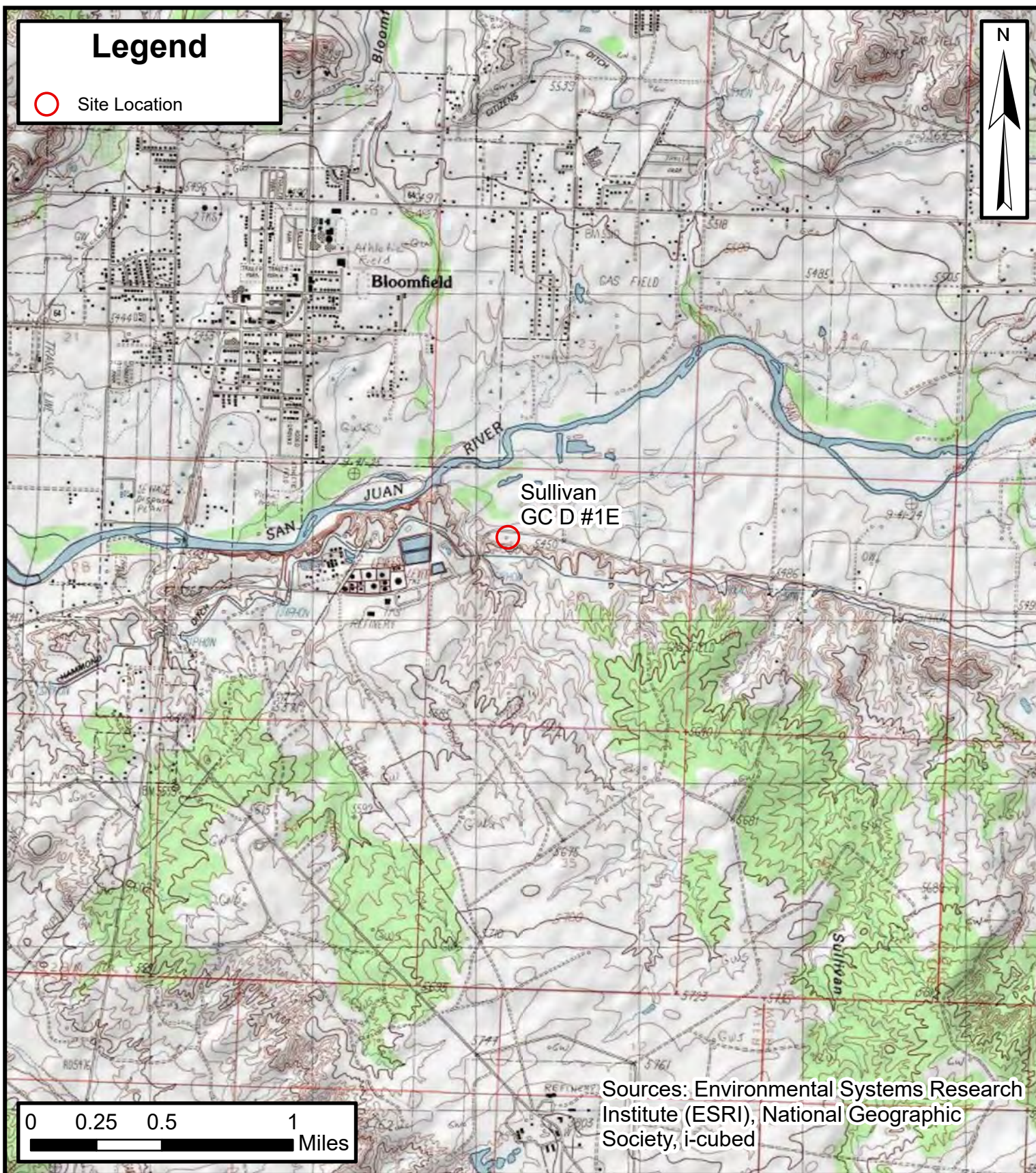
Stuart Hyde  
Senior Managing Geologist  
(970) 903-1607  
shyde@ensolum.com

**Attachments:**

- Figure 1: Site Location Map
- Figure 2: Groundwater Elevation & Analytical Map (February/March 2025)
- Figure 3: Groundwater Elevation & Analytical Map (May/June 2025)
- Figure 4: Groundwater Elevation & Analytical Map (August 2025)
- Figure 5: Groundwater Elevation & Analytical Map (January 2025)
  
- Table 1: Groundwater Elevations
- Table 2: Groundwater Analytical Results
  
- Appendix A: Laboratory Analytical Reports



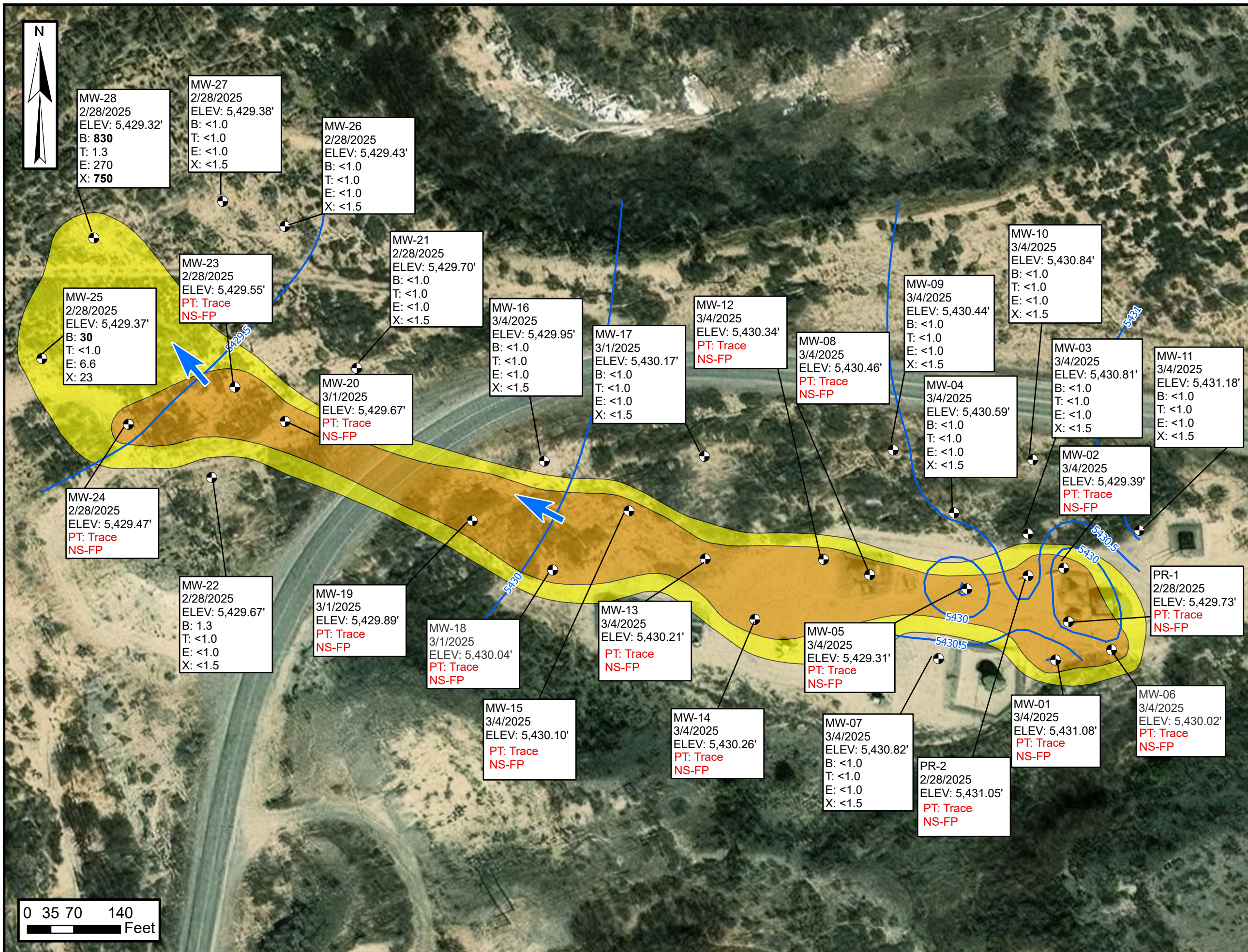
FIGURES



**Site Location Map**

Sullivan GC D #1E  
Hilcorp Energy Company  
36.7001, -107.9649  
San Juan County, New Mexico

**FIGURE**  
**1**



### Legend

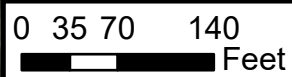
- Groundwater Monitoring Well
- Estimated Dissolved Phase Plume
- Estimated Free Product
- Groundwater Elevation Contour
- Groundwater Flow Direction

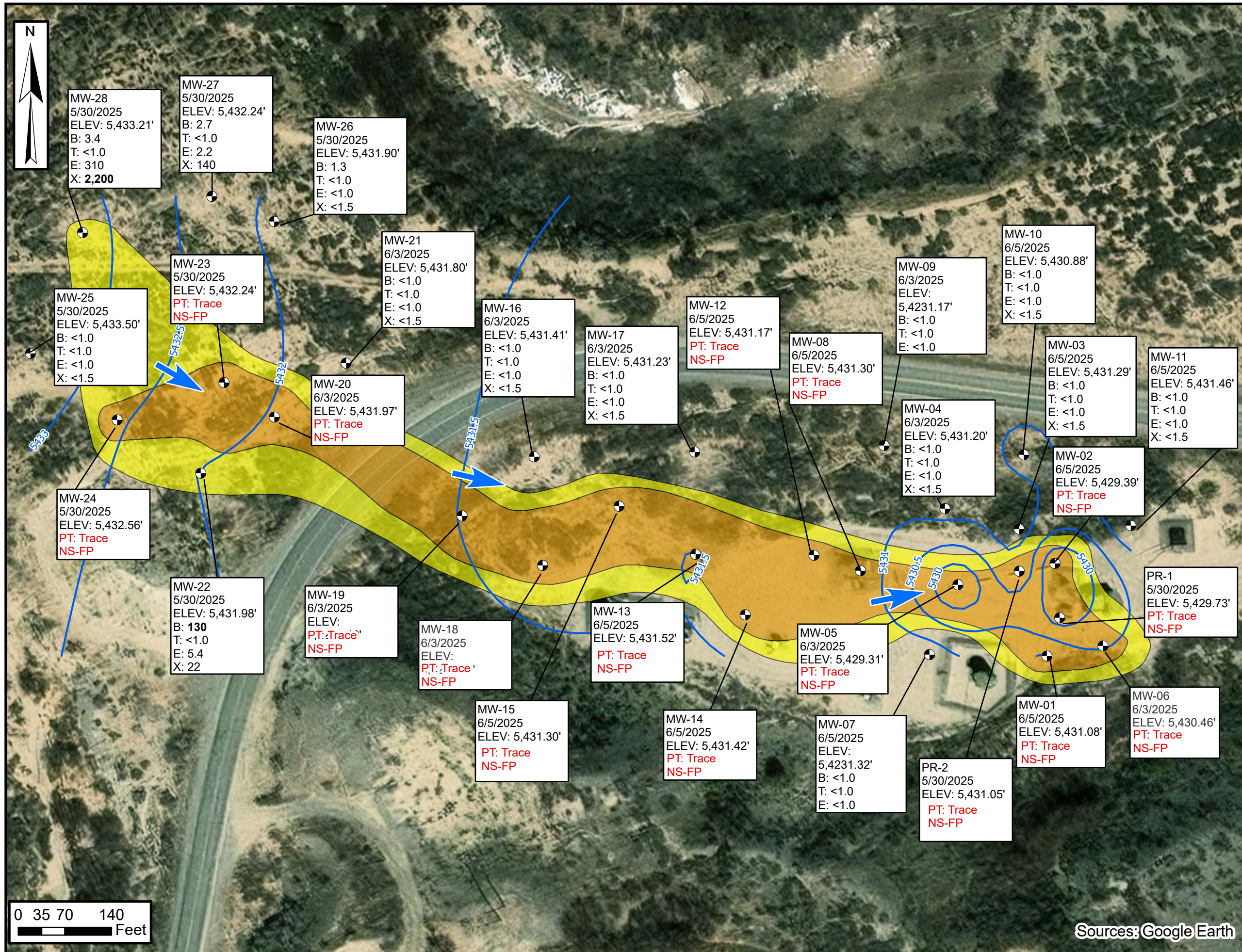
**Notes:**  
 ELEV: Groundwater Elevation in Feet Above Mean Sea Level  
 B: Benzene in Micrograms per Liter (µg/L)  
 T: Toluene (µg/L)  
 E: Ethylbenzene (µg/L)  
 X: Total Xylenes (µg/L)  
**Bold** Indicates Concentration Exceeds NMWQCC Standard  
 NMWQCC: New Mexico Water Quality Conservation Commission  
 NS-IW: Not Sampled Due to Insufficient Water Volume  
 NS-FP: Not Sampled Due to Free Product in Well  
 PT: Free Product Thickness in Feet

### Groundwater Elevation & Analytical Map (February/March 2025)

Sullivan GC D #1E  
 Hilcorp Energy Company  
 36.7001, -107.9649  
 San Juan County, New Mexico

## Figure 2





### Legend

- Groundwater Monitoring Well
- Estimated Dissolved Phase Plume
- Estimated Free Product
- Groundwater Elevation Contour
- Groundwater Flow Direction

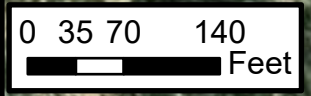
**Notes:**  
 ELEV: Groundwater Elevation in Feet Above Mean Sea Level  
 B: Benzene in Micrograms per Liter (µg/L)  
 T: Toluene (µg/L)  
 E: Ethylbenzene (µg/L)  
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### Groundwater Elevation & Analytical Map

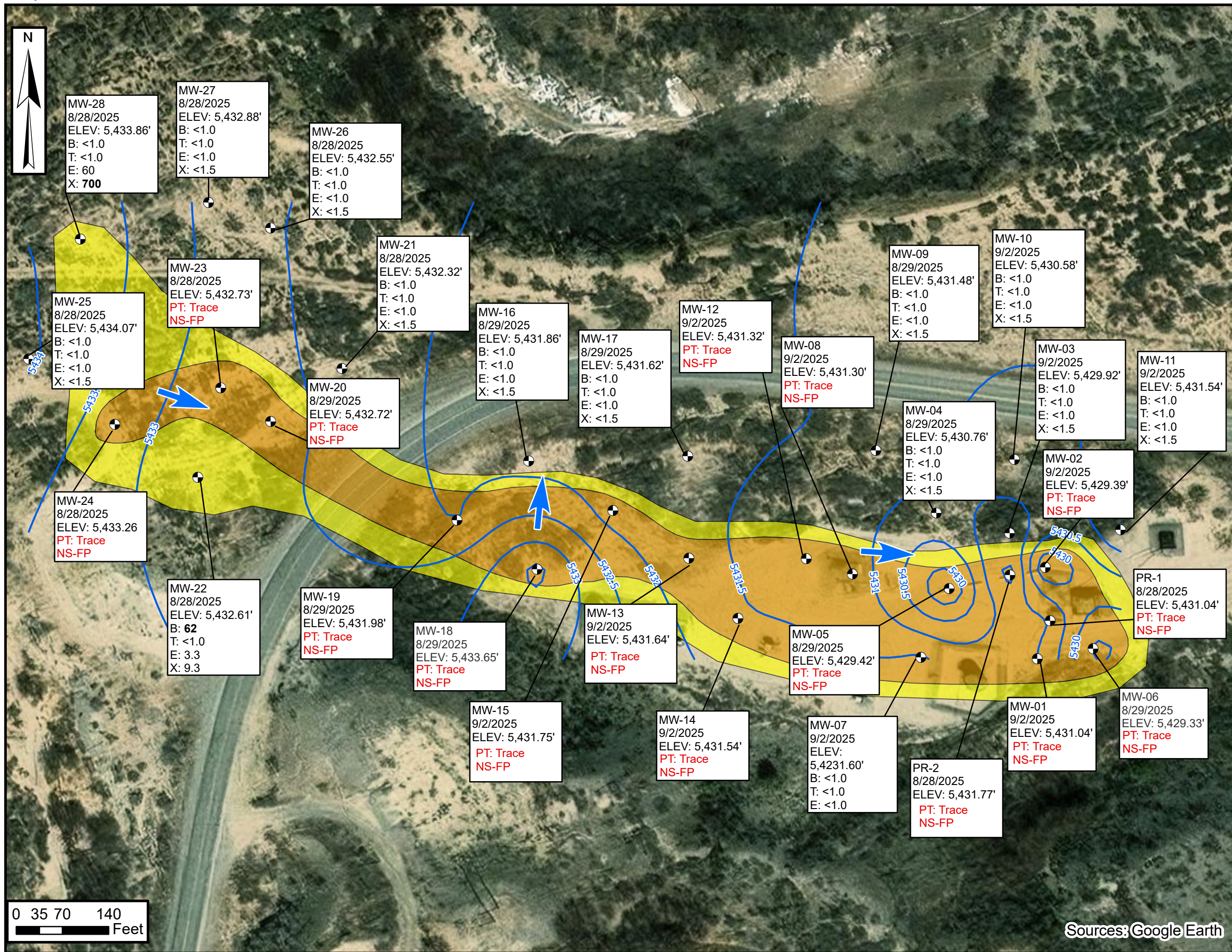
#### May/June 2025

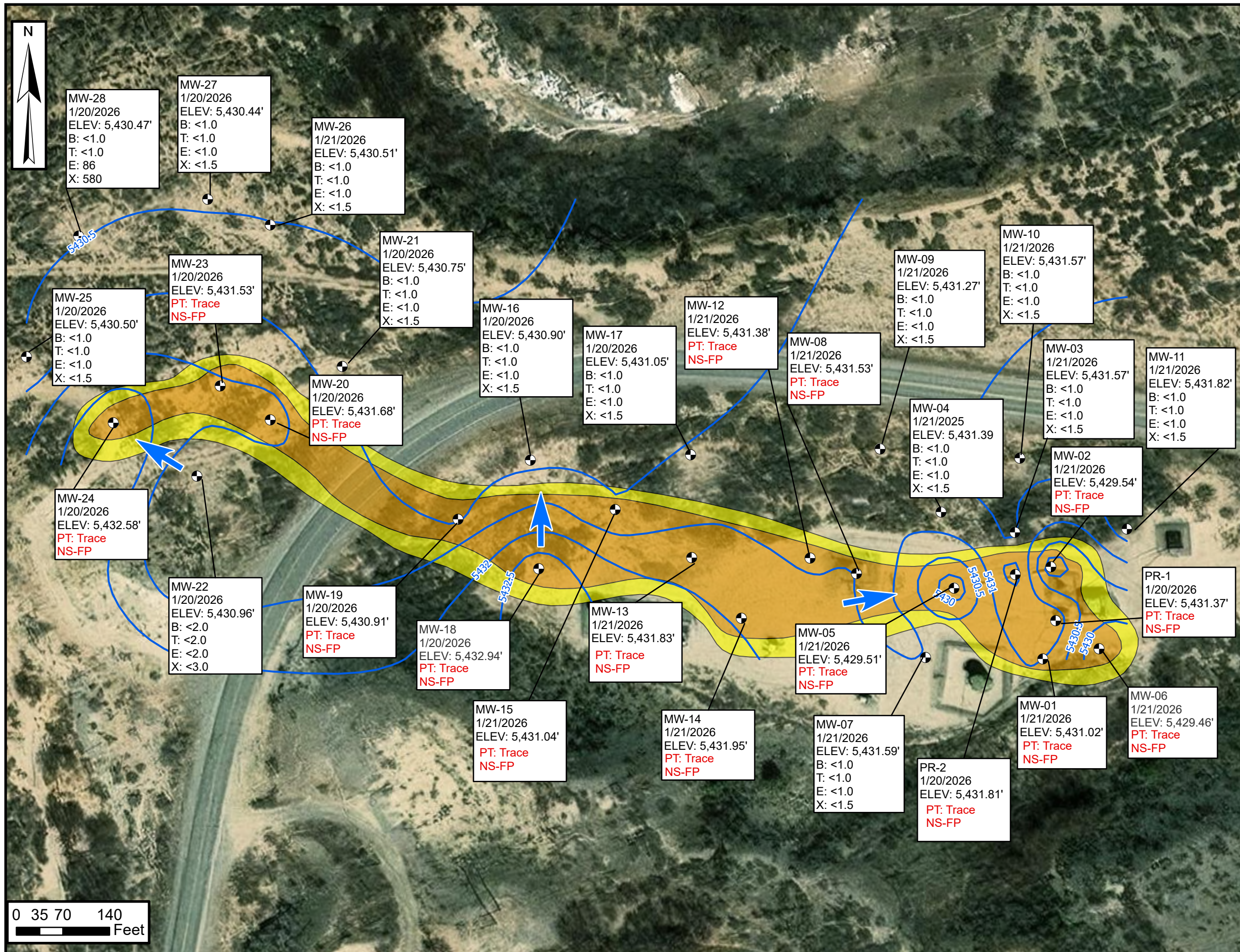
Sullivan GC D #1E  
 Hilcorp Energy Company  
 36.7001, -107.9649  
 San Juan County, New Mexico

## Figure 3



Sources: Google Earth





### Legend

- Groundwater Monitoring Well
- Estimated Dissolved Phase Plume
- Estimated Free Product
- Groundwater Elevation Contour
- Groundwater Flow Direction

Notes:  
 ELEV: Groundwater Elevation in Feet Above Mean Sea Level  
 B: Benzene in Micrograms per Liter (µg/L)  
 T: Toluene (µg/L)  
 E: Ethylbenzene (µg/L)  
 X: Total Xylenes (µg/L)  
**Bold** Indicates Concentration Exceeds NMWQCC Standard  
 NMWQCC: New Mexico Water Quality Conservation Commission  
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 NS-FP: Not Sampled Due to Free Product in Well  
 PT: Free Product Thickness in Feet

### Groundwater Elevation & Analytical Map January 2026

Sullivan GC D #1E  
 Hilcorp Energy Company  
 36.7001, -107.9649  
 San Juan County, New Mexico

**Figure 5**





TABLES

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| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| PR-1A  | 5,466.00                        | 9/9/2015   | 19.24                        | 19.69                            | 0.45                     | 5,446.67                     |
|  |                                 | 9/19/2015  | --                           | --                               | --                       | --                           |
|  |                                 | 9/25/2015  | --                           | --                               | --                       | --                           |
|  |                                 | 9/28/2015  | 19.30                        | 19.83                            | 0.53                     | 5,446.59                     |
| PR-1   | 5,452.23                        | 9/10/2015  | 21.55                        | 21.82                            | 0.27                     | 5,430.63                     |
|  |                                 | 9/19/2015  | --                           | --                               | --                       | --                           |
|  |                                 | 9/25/2015  | --                           | --                               | --                       | --                           |
|  |                                 | 9/28/2015  | 20.95                        | 21.51                            | 0.56                     | 5,431.17                     |
|  |                                 | 11/4/2015  | 19.09                        | 19.58                            | 0.49                     | 5,433.04                     |
|  |                                 | 11/11/2015 | 19.23                        | 19.39                            | 0.16                     | 5,432.97                     |
|  |                                 | 11/18/2015 | 19.28                        | 19.44                            | 0.16                     | 5,432.92                     |
|  |                                 | 2/19/2016  | 19.97                        | 20.31                            | 0.34                     | 5,432.19                     |
|  |                                 | 4/29/2016  | 19.32                        | 22.01                            | 2.69                     | 5,432.37                     |
|  |                                 | 6/20/2016  | 20.75                        | 21.05                            | 0.30                     | 5,431.42                     |
|  |                                 | 7/14/2016  | 18.86                        | 20.91                            | 2.05                     | 5,432.96                     |
|  |                                 | 7/18/2016  | 18.89                        | 20.95                            | 2.06                     | 5,432.93                     |
|  |                                 | 7/22/2016  | 19.43                        | 19.88                            | 0.45                     | 5,432.71                     |
|  |                                 | 9/30/2016  | 18.72                        | 20.10                            | 1.38                     | 5,433.23                     |
|  |                                 | 10/10/2016 | 18.72                        | 19.94                            | 1.22                     | 5,433.27                     |
|  |                                 | 12/15/2016 | 19.35                        | 20.14                            | 0.79                     | 5,432.72                     |
|  |                                 | 3/30/2017  | NP                           | 19.90                            | NP                       | 5,432.33                     |
|  |                                 | 6/28/2017  | 20.21                        | 20.35                            | 0.14                     | 5,431.99                     |
|  |                                 | 9/25/2017  | NP                           | 21.00                            | NP                       | 5,431.23                     |
|  |                                 | 12/21/2017 | NP                           | 22.46                            | NP                       | 5,429.77                     |
|  |                                 | 3/30/2018  | NP                           | 21.36                            | NP                       | 5,430.87                     |
|  |                                 | 6/26/2018  | 21.70                        | 22.38                            | 0.68                     | 5,430.39                     |
|  |                                 | 9/20/2018  | 23.44                        | 24.08                            | 0.64                     | 5,428.66                     |
|  |                                 | 12/13/2018 | 22.05                        | 22.33                            | 0.28                     | 5,430.12                     |
|  |                                 | 3/25/2019  | NP                           | 21.51                            | NP                       | 5,430.72                     |
|  |                                 | 6/24/2019  | 22.11                        | 22.29                            | 0.18                     | 5,430.08                     |
|  |                                 | 9/27/2019  | 22.74                        | 23.65                            | 0.91                     | 5,429.31                     |
|  |                                 | 12/10/2019 | 22.58                        | 22.95                            | 0.37                     | 5,429.58                     |
|  |                                 | 3/10/2020  | NP                           | 22.34                            | NP                       | 5,429.89                     |
|  |                                 | 6/23/2020  | 22.60                        | 22.91                            | 0.31                     | 5,429.57                     |
|  |                                 | 9/28/2020  | NP                           | 23.91                            | NP                       | 5,428.32                     |
| 12/15/2020   | 24.50                           | 24.52      | 0.02                         | 5,427.73                         |                          |                              |
| 3/29/2021  | NP                              | 22.69      | NP                           | 5,429.54                         |                          |                              |
| 6/10/2021  | NP                              | 22.77      | NP                           | 5,429.46                         |                          |                              |
| 9/23/2021  | NP                              | 23.42      | NP                           | 5,428.81                         |                          |                              |
| 12/13/2021   | NP                              | 21.99      | NP                           | 5,430.24                         |                          |                              |
| 2/8/2022   | 22.96                           | 23.22      | 0.26                         | 5,429.22                         |                          |                              |
| 9/29/2022  | NP                              | 21.62      | NP                           | 5,430.61                         |                          |                              |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| PR-1   | 5,452.23                        | 12/16/2022 | TRACE                        | 22.08                            | TRACE                    | 5,430.15                     |
|  |                                 | 3/16/2023  | NP                           | 22.47                            | NP                       | 5,429.76                     |
|  |                                 | 5/9/2023   | TRACE                        | 22.44                            | TRACE                    | 5,429.79                     |
|  |                                 | 9/14/2023  | NP                           | 21.23                            | NP                       | 5,431.00                     |
|  |                                 | 11/30/2023 | NP                           | 22.93                            | NP                       | 5,429.30                     |
|  |                                 | 3/19/2024  | TRACE                        | 21.20                            | TRACE                    | 5,431.03                     |
|  |                                 | 6/5/2024   | NP                           | 22.04                            | NP                       | 5,430.19                     |
|  |                                 | 8/29/2024  | TRACE                        | 23.26                            | TRACE                    | 5,428.97                     |
|  |                                 | 12/18/2024 | TRACE                        | 22.40                            | TRACE                    | 5,429.83                     |
|  |                                 | 2/28/2025  | TRACE                        | 22.50                            | TRACE                    | 5,429.73                     |
|  |                                 | 5/30/2025  | TRACE                        | 22.50                            | TRACE                    | 5,429.73                     |
|  |                                 | 8/28/2025  | TRACE                        | 21.19                            | TRACE                    | 5,431.04                     |
| 1/20/2026  | TRACE                           | 20.86      | TRACE                        | 5,431.37                         |                          |                              |
| PR-2   | 5,452.08                        | 12/21/2017 | NP                           | 20.71                            | NP                       | 5,431.37                     |
|  |                                 | 3/30/2018  | NP                           | 20.92                            | NP                       | 5,431.16                     |
|  |                                 | 6/26/2018  | NP                           | 21.38                            | NP                       | 5,430.70                     |
|  |                                 | 9/20/2018  | NP                           | 21.79                            | NP                       | 5,430.29                     |
|  |                                 | 12/13/2018 | NP                           | 21.67                            | NP                       | 5,430.41                     |
|  |                                 | 3/25/2019  | NP                           | 21.99                            | NP                       | 5,430.09                     |
|  |                                 | 6/24/2019  | NP                           | 22.81                            | NP                       | 5,429.27                     |
|  |                                 | 9/27/2019  | NP                           | 22.48                            | NP                       | 5,429.60                     |
|  |                                 | 12/10/2019 | 22.15                        | 22.36                            | 0.21                     | 5,429.89                     |
|  |                                 | 3/10/2020  | 21.88                        | 21.95                            | 0.07                     | 5,430.19                     |
|  |                                 | 6/23/2020  | 22.21                        | 22.27                            | 0.06                     | 5,429.86                     |
|  |                                 | 9/28/2020  | NP                           | 22.82                            | NP                       | 5,429.26                     |
|  |                                 | 12/15/2020 | 22.52                        | 22.76                            | 0.24                     | 5,429.51                     |
|  |                                 | 3/29/2021  | Trace                        | 22.27                            | Trace                    | 5,429.81                     |
|  |                                 | 6/10/2021  | 22.31                        | 22.33                            | 0.02                     | 5,429.77                     |
|  |                                 | 9/23/2021  | 22.97                        | 23.09                            | 0.12                     | 5,429.09                     |
|  |                                 | 12/13/2021 | NP                           | 22.34                            | NP                       | 5,429.74                     |
|  |                                 | 2/8/2022   | TRACE                        | 22.09                            | TRACE                    | 5,429.99                     |
|  |                                 | 9/29/2022  | TRACE                        | 21.95                            | TRACE                    | 5,430.13                     |
|  |                                 | 12/16/2022 | TRACE                        | 21.38                            | TRACE                    | 5,430.70                     |
|  |                                 | 3/16/2023  | TRACE                        | 20.93                            | TRACE                    | 5,431.15                     |
|  |                                 | 5/9/2023   | TRACE                        | 20.92                            | TRACE                    | 5,431.16                     |
|  |                                 | 9/14/2023  | NP                           | 21.76                            | NP                       | 5,430.32                     |
|  |                                 | 11/30/2023 | NP                           | 21.50                            | NP                       | 5,430.58                     |
|  |                                 | 3/19/2024  | TRACE                        | 21.45                            | TRACE                    | 5,430.63                     |
|  |                                 | 6/5/2024   | NP                           | 21.75                            | NP                       | 5,430.33                     |
| 8/29/2024  | TRACE                           | 21.89      | TRACE                        | 5,430.19                         |                          |                              |
| 12/18/2024   | TRACE                           | 20.89      | TRACE                        | 5,431.19                         |                          |                              |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |  |                |  |                                  |                          |                              |  |
|--|--|----------------|--|----------------------------------|--------------------------|------------------------------|--|
| Well ID  | Top of Casing Elevation (feet*)          | Date           | Depth to Product (feet BTOC)             | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |  |
| PR-2   | 5,452.08                                 | 2/28/2025      | TRACE                                    | 21.03                            | TRACE                    | 5,431.05                     |  |
|  |  | 5/30/2025      | TRACE                                    | 21.03                            | TRACE                    | 5,431.05                     |  |
|  |  | 8/28/2025      | TRACE                                    | 20.31                            | TRACE                    | 5,431.77                     |  |
|  |  | 1/20/2026      | TRACE                                    | 20.27                            | TRACE                    | 5,431.81                     |  |
| MW-01  | 5,454.15                                 | 9/10/2015      | 21.55                                    | 21.82                            | 0.27                     | 5,432.55                     |  |
|  |  | 9/19/2015      | --                                       | --                               | --                       | --                           |  |
|  |  | 9/25/2015      | --                                       | --                               | --                       | --                           |  |
|  |  | 9/28/2015      | 20.95                                    | 21.51                            | 0.56                     | 5,433.09                     |  |
|  |  | 11/4/2015      | 20.98                                    | 21.60                            | 0.62                     | 5,433.05                     |  |
|  |  | 11/11/2015     | 21.05                                    | 21.74                            | 0.69                     | 5,432.96                     |  |
|  |  | 11/18/2015     | 21.08                                    | 21.81                            | 0.73                     | 5,432.92                     |  |
|  |  | 2/19/2016      | 21.65                                    | 21.84                            | 0.19                     | 5,432.46                     |  |
|  |  | 4/29/2016      | 21.11                                    | 21.79                            | 0.68                     | 5,432.90                     |  |
|  |  | 6/20/2016*     | 22.96                                    | 23.03                            | 0.07                     | 5,431.18                     |  |
|  |  | 7/14/2016      | NP                                       | 20.71                            | NP                       | 5,433.44                     |  |
|  |  | 7/18/2016      | 20.80                                    | 20.91                            | 0.11                     | 5,433.33                     |  |
|  |  | 7/22/2016      | 21.18                                    | 21.59                            | 0.41                     | 5,432.89                     |  |
|  |  | 9/30/2016      | 20.74                                    | 20.81                            | 0.07                     | 5,433.40                     |  |
|  |  | 10/10/2016     | NP                                       | 20.69                            | NP                       | 5,433.46                     |  |
|  |  | 12/15/2016     | 22.41                                    | 22.33                            | 0.08                     | 5,431.88                     |  |
|  |  | 3/30/2017      | NP                                       | 21.76                            | NP                       | 5,432.39                     |  |
|  |  | 6/28/2017      | Trace                                    | 21.88                            | NP                       | 5,432.27                     |  |
|  |  | 9/25/2017      | NP                                       | 21.85                            | NP                       | 5,432.30                     |  |
|  |  | 12/21/2017     | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |  | 3/30/2018      | NP                                       | 21.85                            | NP                       | 5,432.30                     |  |
|  |  | 6/26/2018      | NP                                       | 21.90                            | NP                       | 5,432.25                     |  |
|  |  | 9/20/2018      | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |  | 12/13/2018     | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |  | 3/25/2019 (1)  | NP                                       | 22.03                            | NP                       | 5,432.12                     |  |
|  |  | 6/24/2019 (1)  | NP                                       | 22.16                            | NP                       | 5,431.99                     |  |
|  |  | 9/27/2019 (1)  | 22.04                                    | 22.00                            | 0.04                     | 5,432.18                     |  |
|  |  | 12/10/2019     | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |  | 3/10/2020 (1)  | NP                                       | 22.13                            | NP                       | 5,432.02                     |  |
|  |  | 6/23/2020 (1)  | NP                                       | 22.13                            | NP                       | 5,432.02                     |  |
|  |  | 9/28/2020 (1)  | NP                                       | 22.45                            | NP                       | 5,431.70                     |  |
|  |  | 12/15/2020 (1) | NP                                       | 22.11                            | NP                       | 5,432.04                     |  |
|  |  | 3/29/2021 (1)  | NP                                       | 22.12                            | NP                       | 5,432.03                     |  |
| 6/10/2021  | Dry - No Product or Groundwater Observed |                |  |                                  |                          |                              |  |
| 9/23/2021  | Dry - No Product or Groundwater Observed |                |  |                                  |                          |                              |  |
| 12/13/2021   | Dry - No Product or Groundwater Observed |                |  |                                  |                          |                              |  |
| 2/8/2022 (1)   | NP                                       | 23.08          | NP                                       | 5,431.07                         |                          |                              |  |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |                |  |                                  |                          |                              |
|--|---------------------------------|----------------|--|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date           | Depth to Product (feet BTOC)             | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-01  | 5,454.15                        | 9/29/2022      | Dry - No Product or Groundwater Observed |                                  |                          |                              |
|  |                                 | 12/16/2022 (1) | NP                                       | 22.82                            | NP                       | 5,431.33                     |
|  |                                 | 3/16/2023 (1)  | NP                                       | 22.84                            | NP                       | 5,431.31                     |
|  |                                 | 5/9/2023 (1)   | NP                                       | 23.01                            | NP                       | 5,431.14                     |
|  |                                 | 9/14/2023      | Dry - No Product or Groundwater Observed |                                  |                          |                              |
|  |                                 | 11/30/2023     | Dry - No Product or Groundwater Observed |                                  |                          |                              |
|  |                                 | 3/19/2024      | TRACE                                    | 21.91                            | TRACE                    | 5,432.24                     |
|  |                                 | 6/5/2024       | NP                                       | 21.97                            | NP                       | 5,432.18                     |
|  |                                 | 8/29/2024 (1)  | TRACE                                    | 23.05                            | TRACE                    | 5,431.10                     |
|  |                                 | 12/18/2024 (1) | NP                                       | 22.10                            | NP                       | 5,432.05                     |
|  |                                 | 3/4/2025       | TRACE                                    | 23.07                            | TRACE                    | 5,431.08                     |
|  |                                 | 6/5/2025       | TRACE                                    | 23.07                            | TRACE                    | 5,431.08                     |
|  |                                 | 9/2/2025       | TRACE                                    | 23.11                            | TRACE                    | 5,431.04                     |
|  |                                 | 1/21/2026      | TRACE                                    | 23.13                            | TRACE                    | 5,431.02                     |
| MW-02  | 5,451.95                        | 9/10/2015      | NP                                       | 18.85                            | NP                       | 5,433.10                     |
|  |                                 | 9/19/2015      | --                                       | --                               | --                       | --                           |
|  |                                 | 9/25/2015      | --                                       | --                               | --                       | --                           |
|  |                                 | 9/28/2015      | 18.85                                    | 19.04                            | 0.19                     | 5,433.06                     |
|  |                                 | 11/4/2015      | 18.88                                    | 19.21                            | 0.33                     | 5,433.00                     |
|  |                                 | 11/11/2015     | 18.97                                    | 19.31                            | 0.34                     | 5,432.91                     |
|  |                                 | 11/18/2015     | 18.98                                    | 19.30                            | 0.32                     | 5,432.91                     |
|  |                                 | 2/19/2016      | 19.63                                    | 20.29                            | 0.66                     | 5,432.19                     |
|  |                                 | 4/29/2016      | 19.47                                    | 21.27                            | 1.80                     | 5,432.12                     |
|  |                                 | 6/20/2016      | 20.30                                    | 20.55                            | 0.25                     | 5,431.60                     |
|  |                                 | 7/14/2016      | NP                                       | 19.04                            | NP                       | 5,432.91                     |
|  |                                 | 7/18/2016      | NP                                       | 19.05                            | NP                       | 5,432.90                     |
|  |                                 | 7/22/2016      | 19.07                                    | 19.19                            | 0.12                     | 5,432.86                     |
|  |                                 | 9/30/2016      | 18.69                                    | 18.93                            | 0.24                     | 5,433.21                     |
|  |                                 | 10/10/2016     | NP                                       | 18.64                            | NP                       | 5,433.31                     |
|  |                                 | 12/15/2016     | NP                                       | 19.20                            | NP                       | 5,432.75                     |
|  |                                 | 3/30/2017      | NP                                       | 19.69                            | NP                       | 5,432.26                     |
|  |                                 | 6/28/2017      | 19.90                                    | 19.95                            | 0.05                     | 5,432.04                     |
|  |                                 | 9/25/2017      | 20.54                                    | 21.85                            | 1.31                     | 5,431.15                     |
|  |                                 | 12/21/2017     | 22.05                                    | 22.15                            | 0.10                     | 5,429.88                     |
|  |                                 | 3/30/2018      | NP                                       | 21.10                            | NP                       | 5,430.85                     |
|  |                                 | 6/26/2018      | NP                                       | 21.42                            | NP                       | 5,430.53                     |
|  |                                 | 9/20/2018      | 23.12                                    | 23.15                            | 0.03                     | 5,428.82                     |
| 12/13/2018   | NP                              | 22.47          | NP                                       | 5,429.48                         |                          |                              |
| 3/25/2019  | NP                              | 22.92          | NP                                       | 5,429.03                         |                          |                              |
| 6/24/2019  | NP                              | 23.02          | NP                                       | 5,428.93                         |                          |                              |
| 9/27/2019  | 22.56                           | 22.78          | 0.22                                     | 5,429.35                         |                          |                              |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |  |                                  |                          |                              |  |
|--|---------------------------------|------------|--|----------------------------------|--------------------------|------------------------------|--|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC)             | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |  |
| MW-02  | 5,451.95                        | 12/10/2019 | 22.54                                    | 22.78                            | 0.24                     | 5,431.56                     |  |
|  |                                 | 3/10/2020  | NP                                       | 22.03                            | NP                       | 5,429.92                     |  |
|  |                                 | 6/23/2020  | NP                                       | 22.32                            | NP                       | 5,429.63                     |  |
|  |                                 | 9/28/2020  | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 12/15/2020 | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 3/29/2021  | NP                                       | 22.42                            | NP                       | 5,429.53                     |  |
|  |                                 | 6/10/2021  | NP                                       | 22.49                            | NP                       | 5,429.46                     |  |
|  |                                 | 9/23/2021  | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 12/13/2021 | 22.04                                    | 22.12                            | 0.08                     | 5,429.89                     |  |
|  |                                 | 2/8/2022   | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 10/6/2022  | NP                                       | 21.48                            | NP                       | 5,430.47                     |  |
|  |                                 | 12/16/2022 | TRACE                                    | 21.82                            | TRACE                    | 5,430.13                     |  |
|  |                                 | 3/16/2023  | NP                                       | 22.31                            | NP                       | 5,429.64                     |  |
|  |                                 | 5/9/2023   | NP                                       | 22.20                            | NP                       | 5,429.75                     |  |
|  |                                 | 9/14/2023  | NP                                       | 21.90                            | NP                       | 5,430.05                     |  |
|  |                                 | 11/30/2023 | NP                                       | 22.81                            | NP                       | 5,429.14                     |  |
|  |                                 | 3/19/2024  | TRACE                                    | 21.06                            | TRACE                    | 5,430.89                     |  |
|  |                                 | 6/5/2024   | NP                                       | 21.46                            | NP                       | 5,430.49                     |  |
|  |                                 | 8/29/2024  | TRACE                                    | 22.88                            | TRACE                    | 5,429.07                     |  |
|  |                                 | 12/18/2024 | TRACE                                    | 22.28                            | TRACE                    | 5,429.67                     |  |
| 3/4/2025   | TRACE                           | 22.56      | TRACE                                    | 5,429.39                         |                          |                              |  |
| 6/5/2025   | TRACE                           | 22.56      | TRACE                                    | 5,429.39                         |                          |                              |  |
| 9/2/2025   | TRACE                           | 22.56      | TRACE                                    | 5,429.39                         |                          |                              |  |
| 1/21/2026  | TRACE                           | 22.41      | TRACE                                    | 5,429.54                         |                          |                              |  |
| MW-03  | 5,452.50                        | 9/10/2015  | NP                                       | 19.45                            | NP                       | 5,433.05                     |  |
|  |                                 | 9/28/2015  | NP                                       | 19.49                            | NP                       | 5,433.01                     |  |
|  |                                 | 11/4/2015  | 19.54                                    | 19.56                            | 0.02                     | 5,432.96                     |  |
|  |                                 | 11/11/2015 | NP                                       | 19.65                            | NP                       | 5,432.85                     |  |
|  |                                 | 11/18/2015 | NP                                       | 19.67                            | NP                       | 5,432.83                     |  |
|  |                                 | 2/19/2016  | NP                                       | 20.44                            | NP                       | 5,432.06                     |  |
|  |                                 | 4/29/2016  | 20.54                                    | 20.65                            | 0.11                     | 5,431.94                     |  |
|  |                                 | 6/20/2016  | 19.70                                    | 19.78                            | 0.08                     | 5,432.78                     |  |
|  |                                 | 7/14/2016  | 19.59                                    | 19.65                            | 0.06                     | 5,432.90                     |  |
|  |                                 | 7/18/2016  | 19.65                                    | 19.69                            | 0.04                     | 5,432.84                     |  |
|  |                                 | 7/22/2016  | 19.61                                    | 19.66                            | 0.05                     | 5,432.88                     |  |
|  |                                 | 9/30/2016  | 19.28                                    | 19.33                            | 0.05                     | 5,433.21                     |  |
|  |                                 | 10/10/2016 | NP                                       | 19.23                            | NP                       | 5,433.27                     |  |
|  |                                 | 12/15/2016 | NP                                       | 19.82                            | NP                       | 5,432.68                     |  |
|  |                                 | 3/30/2017  | NP                                       | 20.36                            | NP                       | 5,432.14                     |  |
| 6/28/2017  | NP                              | 20.77      | NP                                       | 5,431.73                         |                          |                              |  |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |                |  |                                  |                          |                              |  |
|--|---------------------------------|----------------|--|----------------------------------|--------------------------|------------------------------|--|
| Well ID  | Top of Casing Elevation (feet*) | Date           | Depth to Product (feet BTOC)             | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |  |
| MW-03  | 5,452.50                        | 9/25/2017      | 21.14                                    | 22.13                            | 0.99                     | 5,431.16                     |  |
|  |                                 | 12/21/2017     | 21.52                                    | 21.55                            | 0.03                     | 5,430.97                     |  |
|  |                                 | 3/30/2018      | 21.75                                    | 21.77                            | 0.02                     | 5,430.75                     |  |
|  |                                 | 6/26/2018      | NP                                       | 22.20                            | NP                       | 5,430.30                     |  |
|  |                                 | 9/20/2018      | NP                                       | 22.62                            | NP                       | 5,429.88                     |  |
|  |                                 | 12/13/2018     | NP                                       | 22.47                            | NP                       | 5,430.03                     |  |
|  |                                 | 3/25/2019      | NP                                       | 22.35                            | NP                       | 5,430.15                     |  |
|  |                                 | 6/24/2019      | NP                                       | 22.53                            | NP                       | 5,429.97                     |  |
|  |                                 | 9/27/2019      | NP                                       | 22.34                            | NP                       | 5,430.16                     |  |
|  |                                 | 12/10/2019 (1) | NP                                       | 23.01                            | NP                       | 5,429.49                     |  |
|  |                                 | 3/10/2020      | NP                                       | 22.72                            | NP                       | 5,429.78                     |  |
|  |                                 | 6/23/2020 (1)  | NP                                       | 23.03                            | NP                       | 5,429.47                     |  |
|  |                                 | 9/28/2020 (1)  | 23.12                                    | 23.14                            | 0.02                     | 5,429.38                     |  |
|  |                                 | 12/15/2020 (1) | NP                                       | 23.15                            | NP                       | 5,429.35                     |  |
|  |                                 | 3/29/2021      | NP                                       | 23.03                            | NP                       | 5,429.47                     |  |
|  |                                 | 6/10/2021 (1)  | NP                                       | 23.11                            | NP                       | 5,429.39                     |  |
|  |                                 | 9/23/2021 (1)  | NP                                       | 23.22                            | NP                       | 5,429.28                     |  |
|  |                                 | 12/13/2021     | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 2/8/2022       | NP                                       | 22.85                            | NP                       | 5,429.65                     |  |
|  |                                 | 9/29/2022      | NP                                       | 22.75                            | NP                       | 5,429.75                     |  |
|  |                                 | 12/16/2022     | NP                                       | 22.22                            | NP                       | 5,430.28                     |  |
|  |                                 | 3/16/2023      | NP                                       | 21.84                            | NP                       | 5,430.66                     |  |
|  |                                 | 5/9/2023       | NP                                       | 21.80                            | NP                       | 5,430.70                     |  |
|  |                                 | 9/14/2023      | NP                                       | 22.66                            | NP                       | 5,429.84                     |  |
|  |                                 | 11/30/2023     | NP                                       | 22.37                            | NP                       | 5,430.13                     |  |
|  |                                 | 3/19/2024      | NP                                       | 22.30                            | NP                       | 5,430.20                     |  |
| 6/5/2024   | NP                              | 22.58          | NP                                       | 5,429.92                         |                          |                              |  |
| 9/3/2024   | NP                              | 22.73          | NP                                       | 5,429.77                         |                          |                              |  |
| 12/18/2024   | NP                              | 21.69          | NP                                       | 5,430.81                         |                          |                              |  |
| 3/4/2025   | NP                              | 21.69          | NP                                       | 5,430.81                         |                          |                              |  |
| 6/5/2025   | NP                              | 21.21          | NP                                       | 5,431.29                         |                          |                              |  |
| 9/2/2025   | NP                              | 20.98          | NP                                       | 5,431.52                         |                          |                              |  |
| 1/21/2026  | NP                              | 20.93          | NP                                       | 5,431.57                         |                          |                              |  |
| MW-04  | 5,451.92                        | 9/10/2015      | NP                                       | 18.94                            | NP                       | 5,432.98                     |  |
|  |                                 | 9/28/2015      | NP                                       | 19.98                            | NP                       | 5,431.94                     |  |
|  |                                 | 11/4/2015      | NP                                       | 19.08                            | NP                       | 5,432.84                     |  |
|  |                                 | 11/11/2015     | NP                                       | 19.20                            | NP                       | 5,432.72                     |  |
|  |                                 | 11/18/2015     | NP                                       | 19.21                            | NP                       | 5,432.71                     |  |
|  |                                 | 2/19/2016      | NP                                       | 20.04                            | NP                       | 5,431.88                     |  |
|  |                                 | 4/29/2016      | NP                                       | 20.11                            | NP                       | 5,431.81                     |  |
| 6/20/2016  | NP                              | 19.10          | NP                                       | 5,432.82                         |                          |                              |  |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |                |  |                                  |                          |                              |  |
|--|---------------------------------|----------------|--|----------------------------------|--------------------------|------------------------------|--|
| Well ID  | Top of Casing Elevation (feet*) | Date           | Depth to Product (feet BTOC)             | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |  |
| MW-04  | 5,451.92                        | 7/14/2016      | NP                                       | 19.01                            | NP                       | 5,432.91                     |  |
|  |                                 | 7/18/2016      | NP                                       | 19.00                            | NP                       | 5,432.92                     |  |
|  |                                 | 7/22/2016      | NP                                       | 18.99                            | NP                       | 5,432.93                     |  |
|  |                                 | 9/30/2016      | NP                                       | 18.72                            | NP                       | 5,433.20                     |  |
|  |                                 | 10/10/2016     | NP                                       | 18.62                            | NP                       | 5,433.30                     |  |
|  |                                 | 12/15/2016     | NP                                       | 19.36                            | NP                       | 5,432.56                     |  |
|  |                                 | 3/30/2017      | NP                                       | 19.98                            | NP                       | 5,431.94                     |  |
|  |                                 | 6/28/2017      | NP                                       | 20.30                            | NP                       | 5,431.62                     |  |
|  |                                 | 9/25/2017      | 20.86                                    | 20.91                            | 0.05                     | 5,431.05                     |  |
|  |                                 | 12/21/2017     | NP                                       | 21.12                            | NP                       | 5,430.80                     |  |
|  |                                 | 3/30/2018      | NP                                       | 21.37                            | NP                       | 5,430.55                     |  |
|  |                                 | 6/26/2018      | NP                                       | 21.78                            | NP                       | 5,430.14                     |  |
|  |                                 | 9/20/2018      | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 12/13/2018     | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 3/25/2019 (1)  | NP                                       | 22.31                            | NP                       | 5,429.61                     |  |
|  |                                 | 6/24/2019 (1)  | NP                                       | 22.11                            | NP                       | 5,429.81                     |  |
|  |                                 | 9/27/2019 (1)  | NP                                       | 22.14                            | NP                       | 5,429.78                     |  |
|  |                                 | 12/10/2019 (1) | NP                                       | 22.18                            | NP                       | 5,429.74                     |  |
|  |                                 | 3/10/2020 (1)  | NP                                       | 22.22                            | NP                       | 5,429.70                     |  |
|  |                                 | 6/23/2020 (1)  | NP                                       | 22.27                            | NP                       | 5,429.65                     |  |
|  |                                 | 9/28/2020 (1)  | NP                                       | 22.30                            | NP                       | 5,429.62                     |  |
|  |                                 | 12/15/2020 (1) | NP                                       | 22.26                            | NP                       | 5,429.66                     |  |
|  |                                 | 3/29/2021 (1)  | NP                                       | 22.29                            | NP                       | 5,429.63                     |  |
|  |                                 | 6/10/2021 (1)  | NP                                       | 22.29                            | NP                       | 5,429.63                     |  |
|  |                                 | 9/23/2021      | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 12/13/2021     | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 2/8/2022       | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 9/29/2022      | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 12/16/2022     | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 3/16/2023      | NP                                       | 21.55                            | NP                       | 5,430.37                     |  |
|  |                                 | 5/9/2023       | NP                                       | 21.50                            | NP                       | 5,430.42                     |  |
|  |                                 | 9/14/2023 (1)  | NP                                       | 22.30                            | NP                       | 5,429.62                     |  |
|  |                                 | 11/30/2023 (1) | NP                                       | 22.19                            | NP                       | 5,429.73                     |  |
| 3/19/2024  | NP                              | 21.95          | NP                                       | 5,429.97                         |                          |                              |  |
| 6/5/2024 (1)   | NP                              | 22.16          | NP                                       | 5,429.76                         |                          |                              |  |
| 8/29/2024 (1)  | NP                              | 22.22          | NP                                       | 5,429.70                         |                          |                              |  |
| 12/18/2024   | NP                              | 21.34          | NP                                       | 5,430.58                         |                          |                              |  |
| 3/4/2025   | NP                              | 21.33          | NP                                       | 5,430.59                         |                          |                              |  |
| 6/3/2025   | NP                              | 20.72          | NP                                       | 5,431.20                         |                          |                              |  |
| 8/29/2025  | NP                              | 21.16          | NP                                       | 5,430.76                         |                          |                              |  |
| 1/21/2026  | NP                              | 20.53          | NP                                       | 5,431.39                         |                          |                              |  |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-05  | 5,451.89                        | 11/4/2015  | 18.82                        | 19.51                            | 0.69                     | 5,432.93                     |
|  |                                 | 11/11/2015 | 18.90                        | 19.69                            | 0.79                     | 5,432.83                     |
|  |                                 | 11/18/2015 | 18.93                        | 19.73                            | 0.80                     | 5,432.80                     |
|  |                                 | 2/19/2016  | 19.66                        | 20.75                            | 1.09                     | 5,432.01                     |
|  |                                 | 4/29/2016  | 19.35                        | 21.95                            | 2.60                     | 5,432.02                     |
|  |                                 | 6/20/2016  | 20.18                        | 20.40                            | 0.22                     | 5,431.67                     |
|  |                                 | 7/14/2016  | 18.63                        | 18.89                            | 0.26                     | 5,433.21                     |
|  |                                 | 7/18/2016  | 18.60                        | 20.13                            | 1.53                     | 5,432.98                     |
|  |                                 | 7/22/2016  | 18.84                        | 19.18                            | 0.34                     | 5,432.98                     |
|  |                                 | 9/30/2016  | 18.44                        | 19.34                            | 0.90                     | 5,433.27                     |
|  |                                 | 10/10/2016 | 18.39                        | 19.17                            | 0.78                     | 5,433.34                     |
|  |                                 | 12/15/2016 | NP                           | 19.24                            | NP                       | 5,432.65                     |
|  |                                 | 3/30/2017  | NP                           | 20.42                            | NP                       | 5,431.47                     |
|  |                                 | 6/28/2017  | 19.98                        | 20.40                            | 0.42                     | 5,431.83                     |
|  |                                 | 9/25/2017  | 20.57                        | 20.94                            | 0.37                     | 5,431.25                     |
|  |                                 | 12/21/2017 | 22.03                        | 22.81                            | 0.78                     | 5,429.70                     |
|  |                                 | 3/30/2018  | 21.15                        | 21.16                            | 0.01                     | 5,430.74                     |
|  |                                 | 6/26/2018  | 21.48                        | 22.39                            | 0.91                     | 5,430.23                     |
|  |                                 | 9/20/2018  | 23.02                        | 24.00                            | 0.98                     | 5,428.67                     |
|  |                                 | 12/13/2018 | 21.83                        | 22.55                            | 0.72                     | 5,429.92                     |
|  |                                 | 3/25/2019  | 21.79                        | 22.07                            | 0.28                     | 5,430.04                     |
|  |                                 | 6/24/2019  | 21.94                        | 22.42                            | 0.48                     | 5,429.85                     |
|  |                                 | 9/27/2019  | 22.60                        | 23.52                            | 0.92                     | 5,429.11                     |
|  |                                 | 12/10/2019 | 22.46                        | 22.97                            | 0.51                     | 5,429.33                     |
|  |                                 | 3/10/2020  | NP                           | 22.25                            | NP                       | 5,429.64                     |
|  |                                 | 6/23/2020  | 22.41                        | 22.45                            | 0.04                     | 5,429.47                     |
|  |                                 | 9/28/2020  | 23.00                        | 23.95                            | 0.95                     | 5,428.70                     |
|  |                                 | 12/15/2020 | 22.80                        | 23.30                            | 0.50                     | 5,428.99                     |
|  |                                 | 3/29/2021  | NP                           | 22.62                            | NP                       | 5,429.27                     |
|  |                                 | 6/10/2021  | 22.66                        | 22.83                            | 0.17                     | 5,429.20                     |
|  |                                 | 9/23/2021  | 23.16                        | 24.15                            | 0.99                     | 5,428.53                     |
|  |                                 | 12/13/2021 | 22.34                        | 22.83                            | 0.49                     | 5,429.45                     |
| 2/8/2022   | 23.48                           | 23.55      | 0.07                         | 5,428.40                         |                          |                              |
| 10/6/2022  | NP                              | 22.18      | NP                           | 5,429.71                         |                          |                              |
| 12/16/2022   | TRACE                           | 22.81      | TRACE                        | 5,429.08                         |                          |                              |
| 3/16/2023  | NP                              | 22.51      | NP                           | 5,429.38                         |                          |                              |
| 5/9/2023   | TRACE                           | 22.46      | TRACE                        | 5,429.43                         |                          |                              |
| 9/14/2023  | NP                              | 22.15      | NP                           | 5,429.74                         |                          |                              |
| 11/30/2023   | NP                              | 23.09      | NP                           | 5,428.80                         |                          |                              |
| 3/19/2024  | TRACE                           | 21.87      | TRACE                        | 5,430.02                         |                          |                              |
| 6/5/2024   | NP                              | 22.01      | NP                           | 5,429.88                         |                          |                              |
| 8/29/2024  | TRACE                           | 23.23      | TRACE                        | 5,428.66                         |                          |                              |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-05  | 5,451.89                        | 12/18/2024 | TRACE                        | 22.35                            | TRACE                    | 5,429.54                     |
|  |                                 | 3/4/2025   | TRACE                        | 22.58                            | TRACE                    | 5,429.31                     |
|  |                                 | 6/3/2025   | TRACE                        | 22.58                            | TRACE                    | 5,429.31                     |
|  |                                 | 8/29/2025  | TRACE                        | 22.47                            | TRACE                    | 5,429.42                     |
|  |                                 | 1/21/2026  | TRACE                        | 22.38                            | TRACE                    | 5,429.51                     |
| MW-06  | 5,454.95                        | 11/4/2015  | 21.81                        | 22.12                            | 0.31                     | 5,433.08                     |
|  |                                 | 11/11/2015 | 21.88                        | 22.30                            | 0.42                     | 5,432.99                     |
|  |                                 | 11/11/2015 | 21.89                        | 22.30                            | 0.41                     | 5,432.98                     |
|  |                                 | 2/19/2016  | 22.58                        | 22.91                            | 0.33                     | 5,432.30                     |
|  |                                 | 4/29/2016  | 22.02                        | 23.49                            | 1.47                     | 5,432.64                     |
|  |                                 | 6/20/2016  | 23.53                        | 23.60                            | 0.07                     | 5,431.41                     |
|  |                                 | 7/14/2016  | 21.94                        | 22.03                            | 0.09                     | 5,432.99                     |
|  |                                 | 7/18/2016  | NP                           | 21.79                            | NP                       | 5,433.16                     |
|  |                                 | 7/22/2016  | 22.09                        | 22.31                            | 0.22                     | 5,432.82                     |
|  |                                 | 9/30/2016  | 21.70                        | 21.74                            | 0.04                     | 5,433.24                     |
|  |                                 | 10/10/2016 | NP                           | 21.64                            | NP                       | 5,433.31                     |
|  |                                 | 12/15/2016 | NP                           | 22.11                            | NP                       | 5,432.84                     |
|  |                                 | 3/30/2017  | NP                           | 22.55                            | NP                       | 5,432.40                     |
|  |                                 | 6/28/2017  | Trace                        | 23.00                            | NP                       | 5,431.95                     |
|  |                                 | 9/25/2017  | NP                           | 23.67                            | NP                       | 5,431.28                     |
|  |                                 | 12/21/2017 | NP                           | 24.92                            | NP                       | 5,430.03                     |
|  |                                 | 3/30/2018  | NP                           | 23.97                            | NP                       | 5,430.98                     |
|  |                                 | 6/26/2018  | NP                           | 24.46                            | NP                       | 5,430.49                     |
|  |                                 | 9/20/2018  | NP                           | 26.18                            | NP                       | 5,428.77                     |
|  |                                 | 12/13/2018 | NP                           | 25.75                            | NP                       | 5,429.20                     |
|  |                                 | 3/25/2019  | NP                           | 24.59                            | NP                       | 5,430.36                     |
|  |                                 | 6/24/2019  | NP                           | 24.76                            | NP                       | 5,430.19                     |
|  |                                 | 9/27/2019  | 25.55                        | 25.57                            | 0.02                     | 5,429.40                     |
|  |                                 | 12/10/2019 | NP                           | 26.26                            | NP                       | 5,428.69                     |
|  |                                 | 3/10/2020  | NP                           | 24.95                            | NP                       | 5,430.00                     |
|  |                                 | 6/23/2020  | NP                           | 25.27                            | NP                       | 5,429.68                     |
|  |                                 | 9/28/2020  | NP                           | 25.98                            | NP                       | 5,428.97                     |
|  |                                 | 12/15/2020 | NP                           | 26.92                            | NP                       | 5,428.03                     |
|  |                                 | 3/29/2021  | NP                           | 25.30                            | NP                       | 5,429.65                     |
|  |                                 | 6/10/2021  | NP                           | 25.40                            | NP                       | 5,429.55                     |
| 9/23/2021  | NP                              | 26.03      | NP                           | 5,428.92                         |                          |                              |
| 12/13/2021   | NP                              | 25.04      | NP                           | 5,429.91                         |                          |                              |
| 2/8/2022   | NP                              | 25.73      | NP                           | 5,429.22                         |                          |                              |
| 9/29/2022  | NP                              | 25.49      | NP                           | 5,429.46                         |                          |                              |
| 12/16/2022   | NP                              | 24.60      | NP                           | 5,430.35                         |                          |                              |
| 3/16/2023  | TRACE                           | 25.80      | TRACE                        | 5,429.15                         |                          |                              |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |               |                              |                                  |                          |                              |
|--|---------------------------------|---------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date          | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-06  | 5,454.95                        | 5/9/2023      | TRACE                        | 22.46                            | TRACE                    | 5,432.49                     |
|  |                                 | 9/14/2023 (1) | NP                           | 27.02                            | NP                       | 5,427.93                     |
|  |                                 | 11/30/2023    | NP                           | 25.10                            | NP                       | 5,429.85                     |
|  |                                 | 3/19/2024     | TRACE                        | 23.73                            | TRACE                    | 5,431.22                     |
|  |                                 | 6/5/2024      | NP                           | 24.51                            | NP                       | 5,430.44                     |
|  |                                 | 8/29/2024     | TRACE                        | 25.72                            | TRACE                    | 5,429.23                     |
|  |                                 | 12/18/2024    | TRACE                        | 24.89                            | TRACE                    | 5,430.06                     |
|  |                                 | 3/4/2025      | TRACE                        | 24.93                            | TRACE                    | 5,430.02                     |
|  |                                 | 6/3/2025      | TRACE                        | 24.49                            | TRACE                    | 5,430.46                     |
|  |                                 | 8/29/2025     | TRACE                        | 25.62                            | TRACE                    | 5,429.33                     |
| 1/21/2026  | TRACE                           | 25.49         | TRACE                        | 5,429.46                         |                          |                              |
| MW-07  | 5,456.00                        | 10/13/2017    | 28.37                        | 28.39                            | 0.02                     | 5,427.63                     |
|  |                                 | 12/21/2017    | NP                           | 24.72                            | NP                       | 5,431.28                     |
|  |                                 | 3/30/2018     | NP                           | 25.26                            | NP                       | 5,430.74                     |
|  |                                 | 6/26/2018     | NP                           | 24.16                            | NP                       | 5,431.84                     |
|  |                                 | 9/20/2018     | NP                           | 25.83                            | NP                       | 5,430.17                     |
|  |                                 | 12/13/2018    | NP                           | 25.87                            | NP                       | 5,430.13                     |
|  |                                 | 3/25/2019     | NP                           | 25.69                            | NP                       | 5,430.31                     |
|  |                                 | 6/24/2019     | NP                           | 26.03                            | NP                       | 5,429.97                     |
|  |                                 | 9/27/2019     | NP                           | 26.48                            | NP                       | 5,429.52                     |
|  |                                 | 12/10/2019    | NP                           | 26.53                            | NP                       | 5,429.47                     |
|  |                                 | 3/10/2020     | NP                           | 25.88                            | NP                       | 5,430.12                     |
|  |                                 | 6/23/2020     | NP                           | 26.54                            | NP                       | 5,429.46                     |
|  |                                 | 9/28/2020     | NP                           | 26.90                            | NP                       | 5,429.10                     |
|  |                                 | 12/15/2020    | NP                           | 26.72                            | NP                       | 5,429.28                     |
|  |                                 | 3/29/2021     | NP                           | 26.67                            | NP                       | 5,429.33                     |
|  |                                 | 6/10/2021     | NP                           | 26.68                            | NP                       | 5,429.32                     |
|  |                                 | 9/23/2021     | NP                           | 26.78                            | NP                       | 5,429.22                     |
|  |                                 | 12/13/2021    | NP                           | 26.71                            | NP                       | 5,429.29                     |
|  |                                 | 2/8/2022      | NP                           | 26.32                            | NP                       | 5,429.68                     |
|  |                                 | 9/29/2022     | NP                           | 25.98                            | NP                       | 5,430.02                     |
|  |                                 | 12/16/2022    | NP                           | 25.48                            | NP                       | 5,430.52                     |
|  |                                 | 3/16/2023     | NP                           | 25.54                            | NP                       | 5,430.46                     |
|  |                                 | 5/9/2023      | NP                           | 25.42                            | NP                       | 5,430.58                     |
|  |                                 | 9/14/2023     | NP                           | 25.89                            | NP                       | 5,430.11                     |
|  |                                 | 11/30/2023    | NP                           | 25.61                            | NP                       | 5,430.39                     |
|  |                                 | 3/19/2024     | NP                           | 24.66                            | NP                       | 5,431.34                     |
| 6/5/2024   | NP                              | 26.11         | NP                           | 5,429.89                         |                          |                              |
| 9/3/2024   | NP                              | 26.02         | NP                           | 5,429.98                         |                          |                              |
| 12/18/2024   | NP                              | 25.32         | NP                           | 5,430.68                         |                          |                              |
| 3/4/2025   | NP                              | 25.18         | NP                           | 5,430.82                         |                          |                              |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-07  | 5,456.00                        | 6/5/2025   | NP                           | 24.68                            | NP                       | 5,431.32                     |
|  |                                 | 9/2/2025   | NP                           | 24.40                            | NP                       | 5,431.60                     |
|  |                                 | 1/21/2026  | NP                           | 24.41                            | NP                       | 5,431.59                     |
| MW-08  | 5,452.48                        | 10/13/2017 | 21.21                        | 22.53                            | 1.32                     | 5,431.01                     |
|  |                                 | 12/21/2017 | 21.48                        | 22.64                            | 1.16                     | 5,430.77                     |
|  |                                 | 3/30/2018  | 21.80                        | 22.86                            | 1.06                     | 5,430.47                     |
|  |                                 | 6/26/2018  | 22.11                        | 23.39                            | 1.28                     | 5,430.11                     |
|  |                                 | 9/20/2018  | 22.46                        | 23.78                            | 1.32                     | 5,429.76                     |
|  |                                 | 12/13/2018 | 22.47                        | 23.65                            | 1.18                     | 5,429.77                     |
|  |                                 | 3/25/2019  | 22.43                        | 23.56                            | 1.13                     | 5,429.82                     |
|  |                                 | 6/24/2019  | 22.58                        | 23.66                            | 1.08                     | 5,429.68                     |
|  |                                 | 9/27/2019  | 23.29                        | 24.74                            | 1.45                     | 5,428.90                     |
|  |                                 | 12/10/2019 | 23.17                        | 24.04                            | 0.87                     | 5,429.14                     |
|  |                                 | 3/10/2020  | 22.93                        | 23.49                            | 0.56                     | 5,429.44                     |
|  |                                 | 6/23/2020  | 23.20                        | 24.24                            | 1.04                     | 5,429.07                     |
|  |                                 | 9/28/2020  | 23.75                        | 24.90                            | 1.15                     | 5,428.50                     |
|  |                                 | 12/15/2020 | 23.55                        | 24.23                            | 0.68                     | 5,428.79                     |
|  |                                 | 3/29/2021  | 23.30                        | 23.64                            | 0.34                     | 5,429.11                     |
|  |                                 | 6/10/2021  | 23.41                        | 23.86                            | 0.45                     | 5,428.98                     |
|  |                                 | 9/23/2021  | 23.94                        | 25.11                            | 1.17                     | 5,428.31                     |
|  |                                 | 12/13/2021 | 23.49                        | 23.68                            | 0.19                     | 5,428.95                     |
|  |                                 | 2/8/2022   | TRACE                        | 23.23                            | TRACE                    | 5,429.25                     |
|  |                                 | 10/6/2022  | NP                           | 23.11                            | NP                       | 5,429.37                     |
|  |                                 | 12/16/2022 | TRACE                        | 22.64                            | TRACE                    | 5,429.84                     |
|  |                                 | 3/16/2023  | TRACE                        | 22.26                            | TRACE                    | 5,430.22                     |
|  |                                 | 5/9/2023   | 22.18                        | 22.21                            | 0.03                     | 5,430.29                     |
|  |                                 | 9/14/2023  | 23.08                        | 23.10                            | 0.02                     | 5,429.40                     |
|  |                                 | 11/30/2023 | 22.72                        | 22.74                            | 0.02                     | 5,429.76                     |
|  |                                 | 3/19/2024  | 22.71                        | 22.72                            | 0.01                     | 5,429.77                     |
| 6/5/2024   | TRACE                           | 22.93      | TRACE                        | 5,429.55                         |                          |                              |
| 8/29/2024  | NP                              | 23.11      | NP                           | 5,429.37                         |                          |                              |
| 12/18/2024   | TRACE                           | 21.99      | TRACE                        | 5,430.49                         |                          |                              |
| 3/4/2025   | TRACE                           | 22.02      | TRACE                        | 5,430.46                         |                          |                              |
| 6/5/2025   | TRACE                           | 21.18      | TRACE                        | 5,431.30                         |                          |                              |
| 9/2/2025   | TRACE                           | 21.18      | TRACE                        | 5,431.30                         |                          |                              |
| 1/21/2026  | TRACE                           | 20.95      | TRACE                        | 5,431.53                         |                          |                              |
| MW-09  | 5,451.17                        | 10/13/2017 | NP                           | 20.30                            | NP                       | 5,430.87                     |
|  |                                 | 12/21/2017 | NP                           | 20.52                            | NP                       | 5,430.65                     |
|  |                                 | 3/30/2018  | NP                           | 20.80                            | NP                       | 5,430.37                     |
|  |                                 | 6/26/2018  | NP                           | 21.21                            | NP                       | 5,429.96                     |
|  |                                 | 9/20/2018  | NP                           | 21.51                            | NP                       | 5,429.66                     |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |  |                                  |                          |                              |  |
|--|---------------------------------|------------|--|----------------------------------|--------------------------|------------------------------|--|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC)             | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |  |
| MW-09  | 5,451.17                        | 12/13/2018 | NP                                       | 21.55                            | NP                       | 5,429.62                     |  |
|  |                                 | 3/25/2019  | NP                                       | 21.39                            | NP                       | 5,429.78                     |  |
|  |                                 | 6/24/2019  | NP                                       | 21.59                            | NP                       | 5,429.58                     |  |
|  |                                 | 9/27/2019  | Dry - No Product or Groundwater Observed |                                  |                          |                              |  |
|  |                                 | 12/10/2019 | NP                                       | 22.10                            | NP                       | 5,429.07                     |  |
|  |                                 | 3/10/2020  | NP                                       | 21.79                            | NP                       | 5,429.38                     |  |
|  |                                 | 6/23/2020  | NP                                       | 22.10                            | NP                       | 5,429.07                     |  |
|  |                                 | 9/28/2020  | NP                                       | 22.73                            | NP                       | 5,428.44                     |  |
|  |                                 | 12/14/2020 | NP                                       | 22.42                            | NP                       | 5,428.75                     |  |
|  |                                 | 3/29/2021  | NP                                       | 22.11                            | NP                       | 5,429.06                     |  |
|  |                                 | 6/10/2021  | NP                                       | 22.22                            | NP                       | 5,428.95                     |  |
|  |                                 | 9/23/2021  | NP                                       | 21.87                            | NP                       | 5,429.30                     |  |
|  |                                 | 12/13/2021 | NP                                       | 22.28                            | NP                       | 5,428.89                     |  |
|  |                                 | 2/8/2022   | NP                                       | 22.03                            | NP                       | 5,429.14                     |  |
|  |                                 | 9/30/2022  | NP                                       | 21.91                            | NP                       | 5,429.26                     |  |
|  |                                 | 12/16/2022 | NP                                       | 21.36                            | NP                       | 5,429.81                     |  |
|  |                                 | 3/16/2023  | NP                                       | 21.03                            | NP                       | 5,430.14                     |  |
|  |                                 | 5/9/2023   | NP                                       | 20.98                            | NP                       | 5,430.19                     |  |
|  |                                 | 9/14/2023  | NP                                       | 21.84                            | NP                       | 5,429.33                     |  |
|  |                                 | 11/30/2023 | NP                                       | 21.57                            | NP                       | 5,429.60                     |  |
| 3/19/2024  | NP                              | 21.40      | NP                                       | 5,429.77                         |                          |                              |  |
| 6/5/2024   | NP                              | 21.69      | NP                                       | 5,429.48                         |                          |                              |  |
| 9/3/2024   | NP                              | 21.65      | NP                                       | 5,429.52                         |                          |                              |  |
| 12/18/2024   | NP                              | 20.70      | NP                                       | 5,430.47                         |                          |                              |  |
| 3/4/2025   | NP                              | 20.73      | NP                                       | 5,430.44                         |                          |                              |  |
| 6/3/2025   | NP                              | 20.00      | NP                                       | 5,431.17                         |                          |                              |  |
| 8/29/2025  | NP                              | 19.69      | NP                                       | 5,431.48                         |                          |                              |  |
| 1/21/2026  | NP                              | 19.90      | NP                                       | 5,431.27                         |                          |                              |  |
| MW-10  | 5,448.71                        | 10/13/2017 | NP                                       | 17.62                            | NP                       | 5,431.09                     |  |
|  |                                 | 12/21/2017 | NP                                       | 17.75                            | NP                       | 5,430.96                     |  |
|  |                                 | 3/30/2018  | NP                                       | 17.97                            | NP                       | 5,430.74                     |  |
|  |                                 | 6/26/2018  | NP                                       | 18.42                            | NP                       | 5,430.29                     |  |
|  |                                 | 9/20/2018  | NP                                       | 18.84                            | NP                       | 5,429.87                     |  |
|  |                                 | 12/13/2018 | NP                                       | 18.74                            | NP                       | 5,429.97                     |  |
|  |                                 | 3/25/2019  | NP                                       | 18.54                            | NP                       | 5,430.17                     |  |
|  |                                 | 6/24/2019  | NP                                       | 18.72                            | NP                       | 5,429.99                     |  |
|  |                                 | 9/27/2019  | NP                                       | 19.89                            | NP                       | 5,428.82                     |  |
|  |                                 | 12/10/2019 | NP                                       | 19.19                            | NP                       | 5,429.52                     |  |
|  |                                 | 3/10/2020  | NP                                       | 18.90                            | NP                       | 5,429.81                     |  |
|  |                                 | 6/23/2020  | NP                                       | 19.25                            | NP                       | 5,429.46                     |  |
|  |                                 | 9/28/2020  | NP                                       | 19.98                            | NP                       | 5,428.73                     |  |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-10  | 5,448.71                        | 12/15/2020 | NP                           | 19.55                            | NP                       | 5,429.16                     |
|  |                                 | 3/29/2021  | NP                           | 19.29                            | NP                       | 5,429.42                     |
|  |                                 | 6/10/2021  | NP                           | 19.35                            | NP                       | 5,429.36                     |
|  |                                 | 9/23/2021  | NP                           | 19.98                            | NP                       | 5,428.73                     |
|  |                                 | 12/13/2021 | NP                           | 19.34                            | NP                       | 5,429.37                     |
|  |                                 | 2/8/2022   | NP                           | 19.07                            | NP                       | 5,429.64                     |
|  |                                 | 9/30/2022  | NP                           | 18.91                            | NP                       | 5,429.80                     |
|  |                                 | 12/16/2022 | NP                           | 18.40                            | NP                       | 5,430.31                     |
|  |                                 | 3/16/2023  | NP                           | 18.08                            | NP                       | 5,430.63                     |
|  |                                 | 5/9/2023   | NP                           | 18.08                            | NP                       | 5,430.63                     |
|  |                                 | 9/14/2023  | NP                           | 18.95                            | NP                       | 5,429.76                     |
|  |                                 | 11/30/2023 | NP                           | 18.63                            | NP                       | 5,430.08                     |
|  |                                 | 3/19/2024  | NP                           | 18.48                            | NP                       | 5,430.23                     |
|  |                                 | 6/5/2024   | NP                           | 18.78                            | NP                       | 5,429.93                     |
|  |                                 | 9/3/2024   | NP                           | 18.94                            | NP                       | 5,429.77                     |
|  |                                 | 12/18/2024 | NP                           | 17.92                            | NP                       | 5,430.79                     |
| 3/4/2025   | NP                              | 17.87      | NP                           | 5,430.84                         |                          |                              |
| 6/5/2025   | NP                              | 17.83      | NP                           | 5,430.88                         |                          |                              |
| 9/2/2025   | NP                              | 18.13      | NP                           | 5,430.58                         |                          |                              |
| 1/21/2026  | NP                              | 17.14      | NP                           | 5,431.57                         |                          |                              |
| MW-11  | 5,450.40                        | 10/13/2017 | NP                           | 19.10                            | NP                       | 5,431.30                     |
|  |                                 | 12/21/2017 | NP                           | 19.18                            | NP                       | 5,431.22                     |
|  |                                 | 3/30/2018  | NP                           | 19.34                            | NP                       | 5,431.06                     |
|  |                                 | 6/26/2018  | NP                           | 19.83                            | NP                       | 5,430.57                     |
|  |                                 | 9/20/2018  | NP                           | 20.31                            | NP                       | 5,430.09                     |
|  |                                 | 12/13/2018 | NP                           | 20.01                            | NP                       | 5,430.39                     |
|  |                                 | 3/25/2019  | NP                           | 19.84                            | NP                       | 5,430.56                     |
|  |                                 | 6/24/2019  | NP                           | 20.82                            | NP                       | 5,429.58                     |
|  |                                 | 9/27/2019  | NP                           | 20.75                            | NP                       | 5,429.65                     |
|  |                                 | 12/10/2019 | NP                           | 20.48                            | NP                       | 5,429.92                     |
|  |                                 | 3/10/2020  | NP                           | 20.18                            | NP                       | 5,430.22                     |
|  |                                 | 6/23/2020  | NP                           | 20.55                            | NP                       | 5,429.85                     |
|  |                                 | 9/28/2020  | NP                           | 21.20                            | NP                       | 5,429.20                     |
|  |                                 | 12/15/2020 | NP                           | 20.87                            | NP                       | 5,429.53                     |
|  |                                 | 3/29/2021  | NP                           | 20.57                            | NP                       | 5,429.83                     |
|  |                                 | 6/10/2021  | NP                           | 20.62                            | NP                       | 5,429.78                     |
|  |                                 | 9/23/2021  | NP                           | 21.22                            | NP                       | 5,429.18                     |
|  |                                 | 12/13/2021 | NP                           | 20.51                            | NP                       | 5,429.89                     |
| 2/8/2022   | NP                              | 20.29      | NP                           | 5,430.11                         |                          |                              |
| 9/29/2022  | NP                              | 20.12      | NP                           | 5,430.28                         |                          |                              |
| 12/16/2022   | NP                              | 19.66      | NP                           | 5,430.74                         |                          |                              |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |                |                              |                                  |                          |                              |
|--|---------------------------------|----------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date           | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-11  | 5,450.40                        | 3/16/2023      | NP                           | 19.33                            | NP                       | 5,431.07                     |
|  |                                 | 5/9/2023       | NP                           | 19.31                            | NP                       | 5,431.09                     |
|  |                                 | 9/14/2023      | NP                           | 20.19                            | NP                       | 5,430.21                     |
|  |                                 | 11/30/2023     | NP                           | 19.91                            | NP                       | 5,430.49                     |
|  |                                 | 3/19/2024      | NP                           | 19.79                            | NP                       | 5,430.61                     |
|  |                                 | 6/5/2024       | NP                           | 20.05                            | NP                       | 5,430.35                     |
|  |                                 | 9/3/2024       | NP                           | 20.31                            | NP                       | 5,430.09                     |
|  |                                 | 12/18/2024     | NP                           | 19.28                            | NP                       | 5,431.12                     |
|  |                                 | 3/4/2025       | NP                           | 19.22                            | NP                       | 5,431.18                     |
|  |                                 | 6/5/2025       | NP                           | 18.94                            | NP                       | 5,431.46                     |
|  |                                 | 9/2/2025       | NP                           | 18.86                            | NP                       | 5,431.54                     |
| 1/21/2026  | NP                              | 18.58          | NP                           | 5,431.82                         |                          |                              |
| MW-12  | 5,452.44                        | 10/13/2017     | 21.51                        | 21.54                            | 0.03                     | 5,430.92                     |
|  |                                 | 12/21/2017     | NP                           | 21.81                            | NP                       | 5,430.63                     |
|  |                                 | 3/30/2018      | 21.91                        | 22.71                            | 0.80                     | 5,430.37                     |
|  |                                 | 6/26/2018      | 22.15                        | 23.25                            | 1.10                     | 5,430.07                     |
|  |                                 | 9/20/2018      | 22.50                        | 23.65                            | 1.15                     | 5,429.71                     |
|  |                                 | 12/13/2018     | 22.60                        | 23.62                            | 1.02                     | 5,429.64                     |
|  |                                 | 3/25/2019      | 22.50                        | 23.35                            | 0.85                     | 5,429.77                     |
|  |                                 | 6/24/2019      | 22.66                        | 23.66                            | 1.00                     | 5,429.58                     |
|  |                                 | 9/27/2019 (1)  | 23.39                        | 24.42                            | 1.03                     | 5,428.84                     |
|  |                                 | 12/10/2019     | 23.27                        | 23.91                            | 0.64                     | 5,429.04                     |
|  |                                 | 3/10/2020      | 23.02                        | 23.42                            | 0.40                     | 5,429.34                     |
|  |                                 | 6/23/2020      | 23.30                        | 23.94                            | 0.64                     | 5,429.01                     |
|  |                                 | 9/28/2020 (1)  | 23.75                        | 24.40                            | 0.65                     | 5,428.56                     |
|  |                                 | 12/15/2020 (1) | 23.65                        | 24.15                            | 0.50                     | 5,428.69                     |
|  |                                 | 3/29/2021      | 23.42                        | 23.54                            | 0.12                     | 5,429.00                     |
|  |                                 | 6/10/2021      | 23.44                        | 23.92                            | 0.48                     | 5,428.90                     |
|  |                                 | 9/23/2021 (1)  | 23.96                        | 24.31                            | 0.35                     | 5,428.41                     |
|  |                                 | 12/13/2021     | 23.63                        | 23.71                            | 0.08                     | 5,428.79                     |
|  |                                 | 2/8/2022       | NP                           | 23.32                            | NP                       | 5,429.12                     |
|  |                                 | 10/6/2022      | NP                           | 23.20                            | NP                       | 5,429.24                     |
|  |                                 | 12/16/2022     | NP                           | 22.77                            | NP                       | 5,429.67                     |
|  |                                 | 3/16/2023      | NP                           | 22.37                            | NP                       | 5,430.07                     |
|  |                                 | 5/9/2023       | 22.28                        | 22.30                            | 0.02                     | 5,430.16                     |
|  |                                 | 9/14/2023      | TRACE                        | 23.19                            | TRACE                    | 5,429.25                     |
|  |                                 | 11/30/2023     | TRACE                        | 22.85                            | TRACE                    | 5,429.59                     |
|  |                                 | 3/19/2024      | TRACE                        | 22.69                            | TRACE                    | 5,429.75                     |
| 6/5/2024   | TRACE                           | 23.00          | TRACE                        | 5,429.44                         |                          |                              |
| 8/29/2024  | TRACE                           | 23.05          | TRACE                        | 5,429.39                         |                          |                              |
| 12/18/2024   | TRACE                           | 22.02          | TRACE                        | 5,430.42                         |                          |                              |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-12  | 5,452.44                        | 3/4/2025   | TRACE                        | 22.10                            | TRACE                    | 5,430.34                     |
|  |                                 | 6/5/2025   | TRACE                        | 21.27                            | TRACE                    | 5,431.17                     |
|  |                                 | 9/2/2025   | TRACE                        | 21.12                            | TRACE                    | 5,431.32                     |
|  |                                 | 1/21/2026  | TRACE                        | 21.06                            | TRACE                    | 5,431.38                     |
| MW-13  | 5,452.00                        | 9/23/2021  | NP                           | 23.98                            | NP                       | 5,428.02                     |
|  |                                 | 2/8/2022   | NP                           | 23.07                            | NP                       | 5,428.93                     |
|  |                                 | 9/29/2022  | NP                           | 23.03                            | NP                       | 5,428.97                     |
|  |                                 | 12/16/2022 | TRACE                        | 22.52                            | TRACE                    | 5,429.48                     |
|  |                                 | 3/16/2023  | NP                           | 22.14                            | NP                       | 5,429.86                     |
|  |                                 | 5/9/2023   | NP                           | 22.06                            | NP                       | 5,429.94                     |
|  |                                 | 9/14/2023  | NP                           | 22.93                            | NP                       | 5,429.07                     |
|  |                                 | 11/30/2023 | NP                           | 22.59                            | NP                       | 5,429.41                     |
|  |                                 | 3/19/2024  | TRACE                        | 22.47                            | TRACE                    | 5,429.53                     |
|  |                                 | 6/5/2024   | NP                           | 22.77                            | NP                       | 5,429.23                     |
|  |                                 | 8/30/2024  | NP                           | 22.66                            | NP                       | 5,429.34                     |
|  |                                 | 12/18/2024 | TRACE                        | 21.72                            | TRACE                    | 5,430.28                     |
|  |                                 | 3/4/2025   | TRACE                        | 21.79                            | TRACE                    | 5,430.21                     |
|  |                                 | 6/5/2025   | TRACE                        | 20.48                            | TRACE                    | 5,431.52                     |
| 9/2/2025   | TRACE                           | 20.36      | TRACE                        | 5,431.64                         |                          |                              |
| 1/21/2026  | TRACE                           | 20.17      | TRACE                        | 5,431.83                         |                          |                              |
| MW-14  | 5,453.17                        | 9/23/2021  | 24.85                        | NP                               | >4.04                    | NM***                        |
|  |                                 | 12/13/2021 | 24.33                        | 25.04                            | 0.71                     | 5,428.70                     |
|  |                                 | 2/8/2022   | 24.19                        | 24.22                            | 0.03                     | 5,428.97                     |
|  |                                 | 10/6/2022  | NP                           | 24.02                            | NP                       | 5,429.15                     |
|  |                                 | 12/16/2022 | TRACE                        | 23.57                            | TRACE                    | 5,429.60                     |
|  |                                 | 3/16/2023  | TRACE                        | 23.20                            | TRACE                    | 5,429.97                     |
|  |                                 | 5/9/2023   | 23.14                        | 23.15                            | 0.01                     | 5,430.03                     |
|  |                                 | 9/14/2023  | TRACE                        | 24.00                            | TRACE                    | 5,429.17                     |
|  |                                 | 11/30/2023 | TRACE                        | 23.70                            | TRACE                    | 5,429.47                     |
|  |                                 | 3/19/2024  | TRACE                        | 23.55                            | TRACE                    | 5,429.62                     |
|  |                                 | 6/5/2024   | TRACE                        | 23.81                            | TRACE                    | 5,429.36                     |
|  |                                 | 8/29/2024  | TRACE                        | 23.70                            | TRACE                    | 5,429.47                     |
|  |                                 | 12/18/2024 | TRACE                        | 22.82                            | TRACE                    | 5,430.35                     |
|  |                                 | 3/4/2025   | TRACE                        | 22.91                            | TRACE                    | 5,430.26                     |
| 6/5/2025   | TRACE                           | 21.75      | TRACE                        | 5,431.42                         |                          |                              |
| 9/2/2025   | TRACE                           | 21.63      | TRACE                        | 5,431.54                         |                          |                              |
| 1/21/2026  | TRACE                           | 21.22      | TRACE                        | 5,431.95                         |                          |                              |
| MW-15  | 5,456.23                        | 9/23/2021  | NP                           | 28.44                            | NP                       | 5,427.79                     |
|  |                                 | 12/13/2021 | 27.73                        | 27.84                            | 0.11                     | 5,428.48                     |
|  |                                 | 2/8/2022   | NP                           | 27.42                            | NP                       | 5,428.81                     |
|  |                                 | 10/6/2022  | NP                           | 27.35                            | NP                       | 5,428.88                     |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-15  | 5,456.23                        | 12/16/2022 | NP                           | 26.86                            | NP                       | 5,429.37                     |
|  |                                 | 3/16/2023  | NP                           | 26.53                            | NP                       | 5,429.70                     |
|  |                                 | 5/9/2023   | NP                           | 26.46                            | NP                       | 5,429.77                     |
|  |                                 | 9/14/2023  | NP                           | 27.26                            | NP                       | 5,428.97                     |
|  |                                 | 11/30/2023 | NP                           | 26.93                            | NP                       | 5,429.30                     |
|  |                                 | 3/19/2024  | NP                           | 26.25                            | NP                       | 5,429.98                     |
|  |                                 | 6/5/2024   | NP                           | 27.12                            | NP                       | 5,429.11                     |
|  |                                 | 8/29/2024  | TRACE                        | 25.82                            | TRACE                    | 5,430.41                     |
|  |                                 | 12/18/2024 | TRACE                        | 26.01                            | TRACE                    | 5,430.22                     |
|  |                                 | 3/4/2025   | TRACE                        | 26.13                            | TRACE                    | 5,430.10                     |
|  |                                 | 6/5/2025   | TRACE                        | 24.93                            | TRACE                    | 5,431.30                     |
| 9/2/2025   | TRACE                           | 24.48      | TRACE                        | 5,431.75                         |                          |                              |
| 1/21/2026  | TRACE                           | 25.19      | TRACE                        | 5,431.04                         |                          |                              |
| MW-16  | 5,455.75                        | 9/23/2021  | NP                           | 27.99                            | NP                       | 5,427.76                     |
|  |                                 | 12/13/2021 | NP                           | 27.42                            | NP                       | 5,428.33                     |
|  |                                 | 2/8/2022   | NP                           | 27.12                            | NP                       | 5,428.63                     |
|  |                                 | 9/29/2022  | NP                           | 27.08                            | NP                       | 5,428.67                     |
|  |                                 | 12/16/2022 | NP                           | 26.56                            | NP                       | 5,429.19                     |
|  |                                 | 3/16/2023  | NP                           | 26.22                            | NP                       | 5,429.53                     |
|  |                                 | 5/9/2023   | NP                           | 26.18                            | NP                       | 5,429.57                     |
|  |                                 | 9/14/2023  | NP                           | 26.93                            | NP                       | 5,428.82                     |
|  |                                 | 11/30/2023 | NP                           | 26.59                            | NP                       | 5,429.16                     |
|  |                                 | 3/19/2024  | NP                           | 26.54                            | NP                       | 5,429.21                     |
|  |                                 | 6/5/2024   | NP                           | 26.80                            | NP                       | 5,428.95                     |
|  |                                 | 8/30/2024  | NP                           | 26.39                            | NP                       | 5,429.36                     |
|  |                                 | 12/18/2024 | NP                           | 25.64                            | NP                       | 5,430.11                     |
|  |                                 | 3/1/2025   | NP                           | 25.80                            | NP                       | 5,429.95                     |
| 6/3/2025   | NP                              | 24.34      | NP                           | 5,431.41                         |                          |                              |
| 8/29/2025  | NP                              | 23.89      | NP                           | 5,431.86                         |                          |                              |
| 1/20/2026  | NP                              | 24.85      | NP                           | 5,430.90                         |                          |                              |
| MW-17  | 5,453.21                        | 9/23/2021  | NP                           | 25.24                            | NP                       | 5,427.97                     |
|  |                                 | 12/13/2021 | NP                           | 24.74                            | NP                       | 5,428.47                     |
|  |                                 | 2/8/2022   | NP                           | 24.32                            | NP                       | 5,428.89                     |
|  |                                 | 9/29/2022  | NP                           | 24.39                            | NP                       | 5,428.82                     |
|  |                                 | 12/16/2022 | NP                           | 23.76                            | NP                       | 5,429.45                     |
|  |                                 | 3/16/2023  | NP                           | 23.42                            | NP                       | 5,429.79                     |
|  |                                 | 5/9/2023   | NP                           | 23.33                            | NP                       | 5,429.88                     |
|  |                                 | 9/14/2023  | NP                           | 24.20                            | NP                       | 5,429.01                     |
|  |                                 | 11/30/2023 | NP                           | 23.85                            | NP                       | 5,429.36                     |
|  |                                 | 3/19/2024  | NP                           | 23.75                            | NP                       | 5,429.46                     |
| 6/5/2024   | NP                              | 24.03      | NP                           | 5,429.18                         |                          |                              |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-17  | 5,453.21                        | 8/30/2024  | NP                           | 23.87                            | NP                       | 5,429.34                     |
|  |                                 | 12/18/2024 | NP                           | 22.96                            | NP                       | 5,430.25                     |
|  |                                 | 3/1/2025   | NP                           | 23.04                            | NP                       | 5,430.17                     |
|  |                                 | 6/3/2025   | NP                           | 21.98                            | NP                       | 5,431.23                     |
|  |                                 | 8/29/2025  | NP                           | 21.59                            | NP                       | 5,431.62                     |
|  |                                 | 1/20/2026  | NP                           | 22.16                            | NP                       | 5,431.05                     |
| MW-18  | 5,458.15                        | 9/23/2021  | 30.29                        | 30.45                            | 0.16                     | 5,427.83                     |
|  |                                 | 12/13/2021 | 29.76                        | 29.83                            | 0.07                     | 5,428.38                     |
|  |                                 | 2/8/2022   | NP                           | 29.44                            | NP                       | 5,428.71                     |
|  |                                 | 10/6/2022  | NP                           | 29.38                            | NP                       | 5,428.77                     |
|  |                                 | 12/16/2022 | TRACE                        | 28.89                            | TRACE                    | 5,429.26                     |
|  |                                 | 3/16/2023  | TRACE                        | 28.54                            | TRACE                    | 5,429.61                     |
|  |                                 | 5/9/2023   | TRACE                        | 28.45                            | TRACE                    | 5,429.70                     |
|  |                                 | 9/14/2023  | TRACE                        | 24.26                            | TRACE                    | 5,433.89                     |
|  |                                 | 11/30/2023 | TRACE                        | 28.92                            | TRACE                    | 5,429.23                     |
|  |                                 | 3/19/2024  | TRACE                        | 28.83                            | TRACE                    | 5,429.32                     |
|  |                                 | 6/5/2024   | TRACE                        | 29.11                            | TRACE                    | 5,429.04                     |
|  |                                 | 8/29/2024  | TRACE                        | 28.77                            | TRACE                    | 5,429.38                     |
|  |                                 | 12/18/2024 | TRACE                        | 27.98                            | TRACE                    | 5,430.17                     |
|  |                                 | 3/1/2025   | TRACE                        | 28.11                            | TRACE                    | 5,430.04                     |
|  |                                 | 6/3/2025   | TRACE                        | 26.75                            | TRACE                    | 5,431.40                     |
| 8/29/2025  | TRACE                           | 24.50      | TRACE                        | 5,433.65                         |                          |                              |
| 1/20/2026  | TRACE                           | 25.21      | TRACE                        | 5,432.94                         |                          |                              |
| MW-19  | 5,455.83                        | 9/23/2021  | 27.92                        | 28.91                            | 0.99                     | 5,427.71                     |
|  |                                 | 12/13/2021 | 27.49                        | 27.83                            | 0.34                     | 5,428.27                     |
|  |                                 | 2/8/2022   | 27.25                        | 27.27                            | 0.02                     | 5,428.58                     |
|  |                                 | 10/6/2022  | NP                           | 27.21                            | NP                       | 5,428.62                     |
|  |                                 | 12/16/2022 | TRACE                        | 26.74                            | TRACE                    | 5,429.09                     |
|  |                                 | 3/16/2023  | TRACE                        | 26.38                            | TRACE                    | 5,429.45                     |
|  |                                 | 5/9/2023   | TRACE                        | 26.30                            | TRACE                    | 5,429.53                     |
|  |                                 | 9/14/2023  | TRACE                        | 26.83                            | TRACE                    | 5,429.00                     |
|  |                                 | 11/30/2023 | TRACE                        | 26.74                            | TRACE                    | 5,429.09                     |
|  |                                 | 3/19/2024  | TRACE                        | 25.68                            | TRACE                    | 5,430.15                     |
|  |                                 | 6/5/2024   | TRACE                        | 26.96                            | TRACE                    | 5,428.87                     |
|  |                                 | 8/29/2024  | TRACE                        | 26.46                            | TRACE                    | 5,429.37                     |
|  |                                 | 12/18/2024 | TRACE                        | 25.75                            | TRACE                    | 5,430.08                     |
|  |                                 | 3/1/2025   | TRACE                        | 25.94                            | TRACE                    | 5,429.89                     |
|  |                                 | 6/3/2025   | TRACE                        | 24.34                            | TRACE                    | 5,431.49                     |
| 8/29/2025  | TRACE                           | 23.85      | TRACE                        | 5,431.98                         |                          |                              |
| 1/20/2026  | TRACE                           | 24.92      | TRACE                        | 5,430.91                         |                          |                              |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |  |                                  |                          |                              |
|--|---------------------------------|------------|--|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC)             | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-20  | 5,459.33                        | 12/13/2021 | 31.21                                    | 31.70                            | 0.49                     | 5,428.02                     |
|  |                                 | 2/8/2022   | 30.98                                    | 31.15                            | 0.17                     | 5,428.32                     |
|  |                                 | 9/30/2022  | 30.93                                    | 31.10                            | 0.17                     | 5,428.37                     |
|  |                                 | 12/16/2022 | TRACE                                    | 30.52                            | TRACE                    | 5,428.81                     |
|  |                                 | 3/16/2023  | 30.00                                    | 30.21                            | 0.21                     | 5,429.29                     |
|  |                                 | 5/9/2023   | 30.02                                    | 30.05                            | 0.03                     | 5,429.30                     |
|  |                                 | 9/14/2023  | 30.65                                    | 30.69                            | 0.04                     | 5,428.67                     |
|  |                                 | 11/30/2023 | TRACE                                    | 30.48                            | TRACE                    | 5,428.85                     |
|  |                                 | 3/19/2024  | NP                                       | 30.44                            | NP                       | 5,428.89                     |
|  |                                 | 6/5/2024   | TRACE                                    | 30.67                            | TRACE                    | 5,428.66                     |
|  |                                 | 8/29/2024  | TRACE                                    | 31.10                            | TRACE                    | 5,428.23                     |
|  |                                 | 12/18/2024 | TRACE                                    | 29.40                            | TRACE                    | 5,429.93                     |
|  |                                 | 3/1/2025   | TRACE                                    | 29.66                            | TRACE                    | 5,429.67                     |
|  |                                 | 6/3/2025   | TRACE                                    | 27.36                            | TRACE                    | 5,431.97                     |
| 8/29/2025  | TRACE                           | 26.61      | TRACE                                    | 5,432.72                         |                          |                              |
| 1/20/2026  | TRACE                           | 27.65      | TRACE                                    | 5,431.68                         |                          |                              |
| MW-21  | 5,457.53                        | 12/13/2021 | NP                                       | 29.44                            | NP                       | 5,428.09                     |
|  |                                 | 2/8/2022   | NP                                       | 29.14                            | NP                       | 5,428.39                     |
|  |                                 | 9/30/2022  | NP                                       | 29.12                            | NP                       | 5,428.41                     |
|  |                                 | 12/16/2022 | NP                                       | 28.63                            | NP                       | 5,428.90                     |
|  |                                 | 3/16/2023  | NP                                       | 28.33                            | NP                       | 5,429.20                     |
|  |                                 | 5/9/2023   | NP                                       | 28.16                            | NP                       | 5,429.37                     |
|  |                                 | 9/14/2023  | NP                                       | 28.89                            | NP                       | 5,428.64                     |
|  |                                 | 11/30/2023 | NP                                       | 28.59                            | NP                       | 5,428.94                     |
|  |                                 | 3/19/2024  | TRACE                                    | 28.56                            | TRACE                    | 5,428.97                     |
|  |                                 | 6/5/2024   | TRACE                                    | 28.83                            | TRACE                    | 5,428.70                     |
|  |                                 | 8/29/2024  | NP                                       | 28.01                            | NP                       | 5,429.52                     |
|  |                                 | 12/18/2024 | NP                                       | 27.57                            | NP                       | 5,429.96                     |
|  |                                 | 2/28/2025  | NP                                       | 27.83                            | NP                       | 5,429.70                     |
|  |                                 | 6/3/2025   | NP                                       | 25.73                            | NP                       | 5,431.80                     |
| 8/28/2025  | NP                              | 25.21      | NP                                       | 5,432.32                         |                          |                              |
| 1/20/2026  | NP                              | 26.78      | NP                                       | 5,430.75                         |                          |                              |
| MW-22  | 5,463.22                        | 12/13/2021 | Dry - No Product or Groundwater Observed |                                  |                          |                              |
|  |                                 | 2/8/2022   | NP                                       | 37.90                            | NP                       | 5,425.32                     |
|  |                                 | 9/30/2022  | Dry - No Product or Groundwater Observed |                                  |                          |                              |
|  |                                 | 12/16/2022 | NP                                       | 34.90                            | NP                       | 5,428.32                     |
|  |                                 | 3/16/2023  | NP                                       | 35.32                            | NP                       | 5,427.90                     |
|  |                                 | 5/11/2023  | NP                                       | 36.00                            | NP                       | 5,427.22                     |
|  |                                 | 9/14/2023  | NP                                       | 38.57                            | NP                       | 5,424.65                     |
|  |                                 | 11/30/2023 | NP                                       | 34.53                            | NP                       | 5,428.69                     |
|  |                                 | 3/19/2024  | NP                                       | 34.74                            | NP                       | 5,428.48                     |
|  |                                 | 6/5/2024   | NP                                       | 35.67                            | NP                       | 5,427.55                     |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-22  | 5,463.22                        | 8/29/2024  | NP                           | 35.71                            | NP                       | 5,427.51                     |
|  |                                 | 12/18/2024 | TRACE                        | 33.31                            | TRACE                    | 5,429.91                     |
|  |                                 | 2/28/2025  | NP                           | 33.55                            | TRACE                    | 5,429.67                     |
|  |                                 | 5/30/2025  | NP                           | 31.24                            | NP                       | 5,431.98                     |
|  |                                 | 8/28/2025  | NP                           | 30.61                            | NP                       | 5,432.61                     |
|  |                                 | 1/20/2026  | NP                           | 32.26                            | NP                       | 5,430.96                     |
| MW-23  | 5,458.66                        | 12/13/2021 | 30.60                        | 31.23                            | 0.63                     | 5,427.93                     |
|  |                                 | 2/8/2022   | 30.37                        | 30.67                            | 0.30                     | 5,428.23                     |
|  |                                 | 9/30/2022  | 30.35                        | 30.61                            | 0.26                     | 5,428.26                     |
|  |                                 | 12/16/2022 | TRACE                        | 29.93                            | TRACE                    | 5,428.73                     |
|  |                                 | 3/16/2023  | 29.60                        | 29.67                            | 0.07                     | 5,429.05                     |
|  |                                 | 5/11/2023  | 29.47                        | 29.50                            | 0.03                     | 5,429.18                     |
|  |                                 | 9/14/2023  | 29.98                        | 30.24                            | 0.26                     | 5,428.63                     |
|  |                                 | 11/30/2023 | TRACE                        | 29.85                            | TRACE                    | 5,428.81                     |
|  |                                 | 3/19/2024  | TRACE                        | 29.91                            | TRACE                    | 5,428.75                     |
|  |                                 | 6/5/2024   | 30.09                        | 30.11                            | 0.02                     | 5,428.57                     |
|  |                                 | 8/29/2024  | TRACE                        | 28.88                            | TRACE                    | 5,429.78                     |
|  |                                 | 12/18/2024 | TRACE                        | 28.77                            | TRACE                    | 5,429.89                     |
|  |                                 | 2/28/2025  | TRACE                        | 29.11                            | TRACE                    | 5,429.55                     |
|  |                                 | 5/30/2025  | TRACE                        | 26.42                            | TRACE                    | 5,432.24                     |
| 8/28/2025  | TRACE                           | 25.93      | TRACE                        | 5,432.73                         |                          |                              |
| 1/20/2026  | TRACE                           | 27.13      | TRACE                        | 5,431.53                         |                          |                              |
| MW-24  | 5,465.96                        | 5/11/2023  | TRACE                        | 36.91                            | TRACE                    | 5,429.05                     |
|  |                                 | 9/14/2023  | TRACE                        | 37.28                            | TRACE                    | 5,428.68                     |
|  |                                 | 11/30/2023 | TRACE                        | 37.24                            | TRACE                    | 5,421.42                     |
|  |                                 | 3/19/2024  | NP                           | 37.75                            | NP                       | 5,428.21                     |
|  |                                 | 6/5/2024   | TRACE                        | 37.52                            | TRACE                    | 5,428.44                     |
|  |                                 | 8/29/2024  | TRACE                        | 35.79                            | TRACE                    | 5,430.17                     |
|  |                                 | 12/18/2024 | TRACE                        | 36.10                            | TRACE                    | 5,429.86                     |
|  |                                 | 2/28/2025  | TRACE                        | 36.49                            | TRACE                    | 5,429.47                     |
|  |                                 | 5/30/2025  | TRACE                        | 33.40                            | TRACE                    | 5,432.56                     |
|  |                                 | 8/28/2025  | TRACE                        | 32.70                            | TRACE                    | 5,433.26                     |
| 1/20/2026  | TRACE                           | 33.38      | TRACE                        | 5,432.58                         |                          |                              |
| MW-25  | 5,466.95                        | 5/11/2023  | NP                           | 37.94                            | NP                       | 5,429.01                     |
|  |                                 | 9/14/2023  | NP                           | 38.23                            | NP                       | 5,428.72                     |
|  |                                 | 11/30/2023 | NP                           | 38.25                            | NP                       | 5,427.71                     |
|  |                                 | 3/19/2024  | TRACE                        | 38.38                            | TRACE                    | 5,428.57                     |
|  |                                 | 6/5/2024   | NP                           | 38.58                            | NP                       | 5,428.37                     |
|  |                                 | 8/29/2024  | NP                           | 36.06                            | NP                       | 5,430.89                     |
|  |                                 | 12/18/2024 | NP                           | 37.13                            | NP                       | 5,429.82                     |
|  |                                 | 2/28/2025  | NP                           | 37.58                            | NP                       | 5,429.37                     |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-25  | 5,466.95                        | 5/30/2025  | NP                           | 33.45                            | NP                       | 5,433.50                     |
|  |                                 | 8/28/2025  | NP                           | 32.88                            | NP                       | 5,434.07                     |
|  |                                 | 1/20/2026  | NP                           | 36.45                            | NP                       | 5,430.50                     |
| MW-26  | 5,462.02                        | 5/11/2023  | NP                           | 32.95                            | NP                       | 5,429.07                     |
|  |                                 | 9/14/2023  | NP                           | 33.58                            | NP                       | 5,428.44                     |
|  |                                 | 11/30/2023 | NP                           | 33.33                            | NP                       | 5,428.69                     |
|  |                                 | 3/19/2024  | NP                           | 33.64                            | NP                       | 5,428.38                     |
|  |                                 | 8/29/2024  | NP                           | 32.43                            | NP                       | 5,429.59                     |
|  |                                 | 12/18/2024 | NP                           | 32.28                            | NP                       | 5,429.74                     |
|  |                                 | 2/28/2025  | NP                           | 32.59                            | NP                       | 5,429.43                     |
|  |                                 | 5/30/2025  | NP                           | 30.12                            | NP                       | 5,431.90                     |
|  |                                 | 8/28/2025  | NP                           | 29.47                            | NP                       | 5,432.55                     |
| 1/20/2026  | NP                              | 31.51      | NP                           | 5,430.51                         |                          |                              |
| MW-27  | 5,462.65                        | 5/11/2023  | NP                           | 33.66                            | NP                       | 5,428.99                     |
|  |                                 | 9/14/2023  | NP                           | 34.24                            | NP                       | 5,428.41                     |
|  |                                 | 11/30/2023 | NP                           | 34.02                            | NP                       | 5,428.63                     |
|  |                                 | 3/19/2024  | NP                           | 34.03                            | NP                       | 5,428.62                     |
|  |                                 | 6/5/2024   | NP                           | 34.34                            | NP                       | 5,428.31                     |
|  |                                 | 8/29/2024  | NP                           | 32.87                            | NP                       | 5,429.78                     |
|  |                                 | 12/18/2024 | NP                           | 32.91                            | NP                       | 5,429.74                     |
|  |                                 | 2/28/2025  | NP                           | 33.27                            | NP                       | 5,429.38                     |
|  |                                 | 5/30/2025  | NP                           | 30.41                            | NP                       | 5,432.24                     |
| 8/28/2025  | NP                              | 29.77      | NP                           | 5,432.88                         |                          |                              |
| 1/20/2026  | NP                              | 32.21      | NP                           | 5,430.44                         |                          |                              |



| <b>TABLE 1</b><br><b>GROUNDWATER ELEVATIONS</b><br>Sullivan Gas Com D #1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                                 |            |                              |                                  |                          |                              |
|--|---------------------------------|------------|------------------------------|----------------------------------|--------------------------|------------------------------|
| Well ID  | Top of Casing Elevation (feet*) | Date       | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet) |
| MW-28  | 5,465.90                        | 5/11/2023  | NP                           | 36.96                            | NP                       | 5,428.94                     |
|  |                                 | 9/14/2023  | NP                           | 37.31                            | NP                       | 5,428.59                     |
|  |                                 | 11/30/2023 | NP                           | 37.28                            | NP                       | 5,428.62                     |
|  |                                 | 3/19/2024  | NP                           | 37.38                            | NP                       | 5,428.52                     |
|  |                                 | 6/5/2024   | NP                           | 37.63                            | NP                       | 5,428.27                     |
|  |                                 | 8/29/2024  | NP                           | 35.37                            | NP                       | 5,430.53                     |
|  |                                 | 12/18/2024 | NP                           | 36.15                            | NP                       | 5,429.75                     |
|  |                                 | 2/28/2025  | NP                           | 36.58                            | NP                       | 5,429.32                     |
|  |                                 | 5/30/2025  | NP                           | 32.69                            | NP                       | 5,433.21                     |
|  |                                 | 8/28/2025  | NP                           | 32.04                            | NP                       | 5,433.86                     |
|  |                                 | 1/20/2026  | NP                           | 35.43                            | NP                       | 5,430.47                     |

**Notes:**

\*: surveyed using North American Vertical Datum 1988 geoid 12B in U.S. survey feet

\*\* : Estimated based on volume recovered in a bailer

\*\*\*: Elevation could not be determined due to no groundwater present in monitoring well

(1): not indicative of formation groundwater, low volumes insufficient for sampling and likely due to condensation buildup

--: not measured

NP: not present

Trace: visible sheen/product in bailer, but not detected by interface probe

A product density correction factor of 0.7996 was applied to the groundwater elevation in wells that contained free product.



| <b>TABLE 2</b><br><b>GROUNDWATER ANALYTICAL RESULTS</b><br>Sullivan Gas Com D#1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                  |                |                |                     |                      |
|---|------------------|----------------|----------------|---------------------|----------------------|
| Well ID   | Date Sampled (1) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| <b>NMWQCC Standard</b>  |                  | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| <b>PR-1</b>   | 9/25/2017        | <b>3,580</b>   | <b>19,500</b>  | <100                | <b>82,700</b>        |
|   | 3/25/2019        | <b>18</b>      | 650            | 130                 | <b>4,200</b>         |
|   | 3/11/2020        | <b>8.0</b>     | 340            | 73                  | <b>3,200</b>         |
|   | 3/29/2021        | <b>13</b>      | 94             | 67                  | <b>4,800</b>         |
|   | 6/10/2021        | 9.0            | 35             | 26                  | <b>1,600</b>         |
|   | 9/29/2022        | <4.0           | <4.0           | 52                  | <b>2,700</b>         |
|   | 3/16/2023        | <5.0           | <10            | 24                  | <b>1,300</b>         |
|   | 9/14/2023        | <10            | <10            | 42                  | <b>2,200</b>         |
| 11/30/2023  | <5.0             | <5.0           | 26             | <b>1,500</b>        |                      |
| <b>PR-2</b>   | 10/13/2017       | <b>2,070</b>   | <b>6,450</b>   | 555                 | <b>6,900</b>         |
|   | 6/27/2018        | <b>1,100</b>   | 810            | 400                 | <b>2,100</b>         |
|   | 9/20/2018        | <b>1,100</b>   | <b>1,200</b>   | 430                 | <b>2,100</b>         |
|   | 12/13/2018       | <b>1,900</b>   | <b>3,600</b>   | <b>840</b>          | <b>4,300</b>         |
|   | 3/25/2019        | <b>65</b>      | 41             | 120                 | 270                  |
|   | 6/24/2019        | <b>170</b>     | 180            | 130                 | 390                  |
|   | 9/27/2019        | <b>170</b>     | 230            | 180                 | <b>690</b>           |
|   | 12/14/2021       | <b>7.5</b>     | 28             | 57                  | <b>830</b>           |
|   | 9/29/2022        | <b>25</b>      | 9.1            | 82                  | <b>1,500</b>         |
|   | 5/09/2023        | 2.9            | <2.0           | 12                  | 29                   |
|   | 9/14/2023        | <5.0           | <5.0           | 41                  | 86                   |
| 11/30/2023  | 1.5              | <1.0           | 19             | 55                  |                      |
| <b>MW-01</b>  | 9/25/2017        | <b>415</b>     | <b>1,990</b>   | 222                 | <b>8,270</b>         |
|   | 12/16/2022       | <2.5           | 11             | 19                  | 400                  |
| <b>MW-02</b>  | 9/10/2015        | <b>6,500</b>   | <b>24,200</b>  | <b>1,770</b>        | <b>11,400</b>        |
|   | 12/15/2016       | <b>2,730</b>   | <b>5,960</b>   | 440                 | <b>9,450</b>         |
|   | 6/27/2018        | <b>220</b>     | 820            | <100                | <b>5,500</b>         |
|   | 3/25/2019        | <10            | <10            | 13                  | <b>2,500</b>         |
|   | 3/10/2020        | <10            | 14             | 12                  | <b>3,400</b>         |
|   | 10/06/2022       | <10            | <10            | 59                  | <b>670</b>           |
|   | 3/16/2023        | <8.0           | <8.0           | <8.0                | 63                   |
| <b>MW-03</b>  | 9/10/2015        | <b>2,050</b>   | 420            | 390                 | <b>2,890</b>         |
|   | 9/14/2015        | <b>6,800</b>   | <b>1,800</b>   | <b>900</b>          | <b>7,600</b>         |
|   | 2/19/2016        | <b>919</b>     | 232            | 130                 | <b>830</b>           |
|   | 12/15/2016       | <b>1,440</b>   | 251            | 283                 | <b>2,810</b>         |
|   | 6/28/2017        | <b>334</b>     | 146            | 117                 | <b>1,260</b>         |
|   | 6/27/2018        | <10            | <10            | <10                 | <15                  |



| <b>TABLE 2</b><br><b>GROUNDWATER ANALYTICAL RESULTS</b><br>Sullivan Gas Com D#1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                  |                |                |                     |                      |
|---|------------------|----------------|----------------|---------------------|----------------------|
| Well ID   | Date Sampled (1) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| <b>NMWQCC Standard</b>  |                  | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| <b>MW-03</b>  | 9/20/2018        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/13/2018       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/25/2019        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/24/2019        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/10/2019       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/10/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/15/2020       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/29/2021        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/29/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/16/2022       | <1.0           | <1.0           | <1.0                | <b>2.4</b>           |
|   | 3/17/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 5/09/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/14/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 11/30/2023       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/20/2024        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/03/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/18/2024       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 3/04/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/05/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/02/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
| 1/21/2026   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| <b>MW-04</b>  | 9/10/2015        | <b>3,480</b>   | 30             | 60                  | 180                  |
|   | 9/14/2015        | <b>2,900</b>   | 25             | 110                 | 290                  |
|   | 2/19/2016        | <0.5           | <5.0           | <0.5                | <1.50                |
|   | 6/20/2016        | <b>1,680</b>   | <50.0          | 297                 | <b>2,210</b>         |
|   | 9/30/2016        | <b>630</b>     | 72             | 94                  | <b>640</b>           |
|   | 12/15/2016       | <b>1,520</b>   | 15.8           | 17.3                | 166                  |
|   | 6/28/2017        | <b>24</b>      | 154            | 67.2                | <b>2,350</b>         |
|   | 6/27/2018        | <10            | <10            | <10                 | <15                  |
|   | 3/04/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/03/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/02/2025        | <2.0           | <2.0           | <2.0                | <3.0                 |
|   | 1/21/2026        | <2.0 P2        | <2.0 P2        | <2.0 P2             | <3.0 P2              |
| <b>MW-05</b>  | 12/15/2016       | <b>2,440</b>   | <b>6,700</b>   | 638                 | <b>8,470</b>         |
|   | 3/11/2020        | <b>44</b>      | 100            | 8.0                 | 270                  |
|   | 3/30/2021        | <b>220</b>     | 970            | 190                 | <b>6,200</b>         |
|   | 10/06/2022       | <b>210</b>     | 690            | 280                 | <b>4,300</b>         |



| <b>TABLE 2</b><br><b>GROUNDWATER ANALYTICAL RESULTS</b><br>Sullivan Gas Com D#1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                  |                |                |                     |                      |
|---|------------------|----------------|----------------|---------------------|----------------------|
| Well ID   | Date Sampled (1) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| <b>NMWQCC Standard</b>  |                  | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| <b>MW-05</b>  | 3/16/2023        | 350            | 440            | 190                 | 6,100                |
|   | 9/14/2023        | 220            | 360            | 200                 | 4,700                |
|   | 11/30/2023       | 140            | 190            | 240                 | 7,400                |
| <b>MW-06</b>  | 12/15/2016       | 1,810          | 3,640          | 811                 | 14,200               |
|   | 9/25/2017        | 1,450          | 3,840          | 271                 | 7,970                |
|   | 6/27/2018        | <10            | 93             | 46                  | 840                  |
|   | 9/20/2018        | 170            | 2,200          | 970                 | 18,000               |
|   | 12/13/2018       | 57             | 1,500          | 660                 | 11,000               |
|   | 3/25/2019        | 57             | 1,200          | 750                 | 12,000               |
|   | 6/24/2019        | 120            | 1,800          | 870                 | 14,000               |
|   | 12/10/2019       | 76             | 1,200          | 620                 | 11,000               |
|   | 3/10/2020        | 150            | 2,300          | 880                 | 13,000               |
|   | 6/23/2020        | 120            | 1,900          | 850                 | 18,000               |
|   | 9/28/2020        | 110            | 1,800          | 990                 | 13,000               |
|   | 12/15/2020       | 140            | 2,400          | 1,400               | 16,000               |
|   | 3/29/2021        | 21             | 310            | 340                 | 2,500                |
|   | 6/10/2021        | 54             | 340            | 480                 | 5,500                |
|   | 9/29/2022        | 240            | 2,900          | 1,100               | 16,000               |
|   | 12/16/2022       | 170            | 3,200          | 1,700               | 21,000               |
| 3/16/2023   | 30               | 760            | 560            | 7,500               |                      |
| 11/30/2023  | <20              | 53             | 510            | 1,800               |                      |
| <b>MW-07</b>  | 6/27/2018        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/20/2018        | <2.0           | <2.0           | <2.0                | <4.0                 |
|   | 12/13/2018       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/25/2019        | <2.0           | <2.0           | <2.0                | <3.0                 |
|   | 6/24/2019        | <2.0           | <2.0           | <2.0                | <4.0                 |
|   | 9/27/2019        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/10/2019       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/11/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/23/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/28/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/15/2020       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/29/2021        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/10/2021        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/23/2021        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/14/2021       | <1.0           | <1.0           | <1.0                | <2.0                 |
| 3/10/2022   | <1.0             | <1.0           | <1.0           | <1.5                |                      |



| <b>TABLE 2</b><br><b>GROUNDWATER ANALYTICAL RESULTS</b><br>Sullivan Gas Com D#1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                  |                |                |                     |                      |
|---|------------------|----------------|----------------|---------------------|----------------------|
| Well ID   | Date Sampled (1) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| <b>NMWQCC Standard</b>  |                  | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| <b>MW-07</b>  | 9/29/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/16/2022       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 3/16/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 5/09/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/14/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 11/30/2023       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/20/2024        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 6/06/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/03/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/18/2024       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 3/4/2025         | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/5/2025         | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/2/2025         | <1.0           | <1.0           | <1.0                | <1.5                 |
| 1/21/2026   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| <b>MW-08</b>  | 10/06/2022       | <b>290</b>     | 850            | 210                 | <b>3,400</b>         |
| <b>MW-09</b>  | 10/13/2017       | 0.9            | 4.51           | <0.5                | 8.98                 |
|   | 6/27/2018        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/20/2018        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/13/2018       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/25/2019        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/24/2019        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/17/2019       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/11/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/23/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/28/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/14/2020       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/29/2021        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/10/2021        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/23/2021        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/14/2021       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/10/2022        | <1.0           | <1.1           | <1.2                | <1.5                 |
|   | 12/16/2022       | <1.0           | <1.1           | <1.2                | <1.5                 |
|   | 3/17/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 5/09/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 11/30/2023       | <1.0           | <1.0           | <1.0                | <2.0                 |
| 3/20/2024   | <1.0             | <1.0           | <1.0           | <2.0                |                      |
| 6/06/2024   | <1.0             | <1.0           | <1.0           | <1.5                |                      |



| <b>TABLE 2</b><br><b>GROUNDWATER ANALYTICAL RESULTS</b><br>Sullivan Gas Com D#1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                  |                |                |                     |                      |
|---|------------------|----------------|----------------|---------------------|----------------------|
| Well ID   | Date Sampled (1) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| <b>NMWQCC Standard</b>  |                  | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| <b>MW-09</b>  | 9/03/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/19/2024       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 3/04/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/03/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/02/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 1/21/2026        | <1.0           | <1.0           | <1.0                | <1.5                 |
| <b>MW-10</b>  | 10/13/2017       | <0.5           | 2.28           | <0.5                | 3.33                 |
|   | 6/27/2018        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/20/2018        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/13/2018       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/25/2019        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/24/2019        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/27/2019        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/10/2019       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/11/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/23/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/28/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/15/2020       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/29/2021        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/10/2021        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/23/2021        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/14/2021       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/10/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/30/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/16/2022       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 3/17/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 5/09/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/14/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 11/30/2023       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/20/2024        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 6/06/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/03/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/19/2024       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 3/04/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
| 6/05/2025   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| 9/02/2025   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| 1/21/2026   | <1.0             | <1.0           | <1.0           | <1.5                |                      |



| <b>TABLE 2</b><br><b>GROUNDWATER ANALYTICAL RESULTS</b><br>Sullivan Gas Com D#1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                  |                |                |                     |                      |
|---|------------------|----------------|----------------|---------------------|----------------------|
| Well ID   | Date Sampled (1) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| <b>NMWQCC Standard</b>  |                  | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| <b>MW-11</b>  | 10/13/2017       | <0.5           | <1.0           | <0.5                | <1.5                 |
|   | 6/27/2018        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/20/2018        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/13/2018       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/25/2019        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/24/2019        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/27/2019        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/10/2019       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/11/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/23/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/28/2020        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/15/2020       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/29/2021        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/10/2021        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/23/2021        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/14/2021       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/10/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/29/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/16/2022       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 3/17/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 5/09/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/14/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 11/30/2023       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/20/2024        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 6/06/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/03/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
| 12/18/2024  | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| 3/04/2025   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| 6/05/2025   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| 9/02/2025   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| 1/21/2026   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| <b>MW-12</b>  | 10/06/2022       | <b>760</b>     | 330            | 150                 | <b>7,700</b>         |
|   | 3/16/2023        | <b>470</b>     | 58             | 100                 | <b>3,200</b>         |
| <b>MW-13</b>  | 9/24/2021        | <b>23</b>      | <5.0           | 54                  | <b>750</b>           |
|   | 3/11/2022        | <b>22</b>      | 5.9            | 58                  | <b>3,300</b>         |
|   | 9/29/2022        | <b>16</b>      | <5.0           | 130                 | <b>840</b>           |
|   | 3/16/2023        | 4.3            | <5.0           | 33                  | 110                  |



| <b>TABLE 2</b><br><b>GROUNDWATER ANALYTICAL RESULTS</b><br>Sullivan Gas Com D#1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                  |                |                |                     |                      |
|---|------------------|----------------|----------------|---------------------|----------------------|
| Well ID   | Date Sampled (1) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| <b>NMWQCC Standard</b>  |                  | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| <b>MW-13</b>  | 5/09/2023        | <b>5.3</b>     | <2.0           | 17                  | 47                   |
|   | 9/14/2023        | <5.0           | <5.0           | 9.9                 | 24                   |
|   | 11/30/2023       | <1.0           | <1.0           | 6.5                 | 10                   |
|   | 8/30/2024        | <b>10</b>      | <1.0 S1+       | 61                  | 24                   |
| <b>MW-14</b>  | 10/06/2022       | <b>1,900</b>   | <b>7,300</b>   | <b>890</b>          | <b>17,000</b>        |
| <b>MW-15</b>  | 9/24/2021        | <b>5.2</b>     | <5.0           | 120                 | <b>1,100</b>         |
|   | 3/11/2022        | <b>8.6</b>     | 29             | 630                 | <b>7,400</b>         |
|   | 10/06/2022       | <b>12</b>      | 63             | 390                 | <b>3,100</b>         |
|   | 12/16/2022       | <2.5           | 7.0            | 130                 | 550                  |
|   | 3/16/2023        | <1.0           | 2.8            | 49                  | 200                  |
|   | 5/09/2023        | <2.0           | 8.1            | 210                 | <b>850</b>           |
|   | 9/14/2023        | <5.0           | <5.0           | 70                  | 250                  |
|   | 11/30/2023       | <1.0           | 1.1            | 18                  | 55                   |
| 3/19/2024   | <1.0             | <1.0           | 45             | 91                  |                      |
| <b>MW-16</b>  | 9/23/2021        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/11/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/29/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/16/2022       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 3/16/2023        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 5/09/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/14/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 11/30/2023       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/19/2024        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 6/06/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 8/30/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/19/2024       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 3/01/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/03/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
| 8/29/2025   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| 1/21/2026   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| <b>MW-17</b>  | 9/23/2021        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 12/14/2021       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/11/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/29/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/16/2022       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/16/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |



| <b>TABLE 2</b><br><b>GROUNDWATER ANALYTICAL RESULTS</b><br>Sullivan Gas Com D#1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                  |                |                |                     |                      |
|---|------------------|----------------|----------------|---------------------|----------------------|
| Well ID   | Date Sampled (1) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| <b>NMWQCC Standard</b>  |                  | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| <b>MW-17</b>  | 5/09/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/14/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 11/30/2023       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/20/2024        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 6/06/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 8/30/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/19/2024       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 3/01/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/03/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 8/29/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
| 1/21/2026   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| <b>MW-18</b>  | 10/06/2022       | <b>1,900</b>   | <b>1,300</b>   | <b>1,000</b>        | <b>10,000</b>        |
| <b>MW-19</b>  | 10/06/2022       | <b>1,100</b>   | 240            | <b>900</b>          | <b>8,200</b>         |
| <b>MW-20</b>  | 3/19/2024        | <1.0           | <1.0           | <1.0                | <2.0                 |
| <b>MW-21</b>  | 10/12/2021       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/14/2021       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/11/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 9/30/2022        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/16/2022       | <1.0           | 11             | 11                  | 190                  |
|   | 3/17/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 5/11/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/14/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 11/30/2023       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 6/05/2024        | <1.0 P2        | <1.0 P2        | <1.0 P2             | <1.5 P2              |
|   | 8/29/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/19/2024       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 2/28/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 6/03/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
| 8/28/2025   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| 1/21/2026   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| <b>MW-22</b>  | 12/16/2022       | <b>35</b>      | <2.5           | <2.5                | <5.0                 |
|   | 3/17/2023        | <b>13</b>      | <5.0           | <5.0                | <b>14</b>            |
|   | 5/11/2023        | <b>5.6</b>     | <2.5           | <2.5                | <b>11</b>            |
|   | 11/30/2023       | 2.0            | <1.0           | <1.0                | <2.0                 |
|   | 3/19/2024        | <5.0           | <5.0           | <5.0                | <10                  |
|   | 6/05/2024        | 1.6            | <1.0           | <1.0                | <1.5                 |



| <b>TABLE 2</b><br><b>GROUNDWATER ANALYTICAL RESULTS</b><br>Sullivan Gas Com D#1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                  |                |                |                     |                      |
|---|------------------|----------------|----------------|---------------------|----------------------|
| Well ID   | Date Sampled (1) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| <b>NMWQCC Standard</b>  |                  | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| <b>MW-22</b>  | 8/29/2024        | 3.4            | <1.0           | <1.0                | <1.5                 |
|   | 2/28/2025        | 1.3            | <1.0           | <1.0                | <1.5                 |
|   | 5/30/2025        | <b>130</b>     | <1.0           | 5.4                 | 22                   |
|   | 8/28/2025        | <b>62</b>      | <1.0           | 3.3                 | 9.3                  |
|   | 1/21/2026        | <2.0 P2        | <2.0 P2        | <2.0 P2             | <3.0 P2              |
| <b>MW-24</b>  | 3/19/2024        | <b>760</b>     | <b>1,500</b>   | <b>1,100</b>        | <b>6,400</b>         |
| <b>MW-25</b>  | 5/11/2023        | <b>56</b>      | 180            | 330                 | <b>4,200</b>         |
|   | 9/14/2023        | <5.0           | <5.0           | 74                  | 360                  |
|   | 11/30/2023       | <b>32</b>      | <5.0           | 180                 | 410                  |
|   | 6/05/2024        | <b>11</b>      | 30             | 2.6                 | 38                   |
|   | 8/29/2024        | <5.0           | <5.0           | <5.0                | <7.5                 |
|   | 12/19/2024       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 2/28/2025        | <b>30</b>      | <1.0           | 6.6                 | 23                   |
|   | 5/30/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 8/28/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
| 1/21/2026   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| <b>MW-26</b>  | 5/11/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/14/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 11/30/2023       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/19/2024        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 6/05/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 8/29/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/19/2024       | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 2/28/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 5/30/2025        | 1.3            | <1.0           | <1.0                | <1.5                 |
|   | 8/28/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
| 1/21/2026   | <1.0             | <1.0           | <1.0           | <1.5                |                      |
| <b>MW-27</b>  | 5/11/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/14/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 11/30/2023       | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 3/19/2024        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 6/05/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 8/29/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 12/19/2024       | 2.2            | <1.0           | <1.0                | <1.5                 |
|   | 2/28/2025        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 5/30/2025        | 2.7            | <1.0           | 2.2                 | 140                  |
| 8/28/2025   | <1.0             | <1.0           | <1.0           | <1.5                |                      |



| <b>TABLE 2</b><br><b>GROUNDWATER ANALYTICAL RESULTS</b><br>Sullivan Gas Com D#1E<br>Hilcorp Energy Company<br>San Juan County, New Mexico |                  |                |                |                     |                      |
|---|------------------|----------------|----------------|---------------------|----------------------|
| Well ID   | Date Sampled (1) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) |
| <b>NMWQCC Standard</b>  |                  | <b>5</b>       | <b>1,000</b>   | <b>700</b>          | <b>620</b>           |
| <b>MW-27</b>  | 1/21/2026        | <1.0           | <1.0           | <1.0                | <1.5                 |
| <b>MW-28</b>  | 5/11/2023        | <1.0           | <1.0           | <1.0                | <2.0                 |
|   | 9/14/2023        | <b>330</b>     | <1.0           | 170                 | <b>1,100</b>         |
|   | 11/30/2023       | <b>42</b>      | <1.0           | <1.0                | <2.0                 |
|   | 3/19/2024        | <1.0           | 1.1            | <1.0                | <2.0                 |
|   | 6/05/2024        | <1.0           | <1.0           | <1.0                | <1.5                 |
|   | 8/29/2024        | <b>23</b>      | <1.0           | 350                 | <b>2,200</b>         |
|   | 12/19/2024       | <b>35</b>      | <1.0           | 240                 | <b>1,600</b>         |
|   | 2/28/2025        | <b>830</b>     | 1.3            | 270                 | <b>750</b>           |
|   | 5/30/2025        | 3.4            | <1.0           | 310                 | <b>2,200</b>         |
|   | 8/28/2025        | <10            | <10            | 60                  | <b>700</b>           |
| 1/21/2026   | <10              | <10            | 86             | 580                 |                      |

**Notes:**

(1): wells with measurable phase separated hydrocarbons and/or dry were not sampled for laboratory analysis

µg/L: micrograms per liter

ND: not detected, practical quantitation limit unknown

NMWQCC: New Mexico Water Quality Control Commission

P2 : The sample was received with pH>2

S1+ Surrogate recovery exceeds control limits, high biased.

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

Concentrations in **bold** and shaded exceed the New Mexico Water Quality Control Commission Standards, 20.6.2 of the New Mexico Administrative Code



## APPENDIX A

# Laboratory Analytical Reports

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 3/12/2025 4:38:36 PM

## JOB DESCRIPTION

Sullivan GC D 1E

## JOB NUMBER

885-20890-1

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



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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: Sullivan GC D 1E

Laboratory Job ID: 885-20890-1

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## Definitions/Glossary

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

## Glossary

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

# Case Narrative

Client: Hilcorp Energy  
Project: Sullivan GC D 1E

Job ID: 885-20890-1

**Job ID: 885-20890-1**

**Eurofins Albuquerque**

## Job Narrative 885-20890-1

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

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

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

### Receipt

The samples were received on 3/5/2025 7:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

### GC/MS VOA

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

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### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-03**

**Lab Sample ID: 885-20890-1**

Date Collected: 03/04/25 12:05

Matrix: Water

Date Received: 03/05/25 07:00

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

| Analyte                      | Result           | Qualifier        | RL            | Unit | D | Prepared        | Analyzed        | Dil Fac        |
|------------------------------|------------------|------------------|---------------|------|---|-----------------|-----------------|----------------|
| Benzene                      | ND               |                  | 1.0           | ug/L |   |                 | 03/07/25 01:04  | 1              |
| Ethylbenzene                 | ND               |                  | 1.0           | ug/L |   |                 | 03/07/25 01:04  | 1              |
| Toluene                      | ND               |                  | 1.0           | ug/L |   |                 | 03/07/25 01:04  | 1              |
| Xylenes, Total               | ND               |                  | 1.5           | ug/L |   |                 | 03/07/25 01:04  | 1              |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |      |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 1,2-Dichloroethane-d4 (Surr) | 124              |                  | 70 - 130      |      |   |                 | 03/07/25 01:04  | 1              |
| 4-Bromofluorobenzene (Surr)  | 80               |                  | 70 - 130      |      |   |                 | 03/07/25 01:04  | 1              |
| Dibromofluoromethane (Surr)  | 117              |                  | 70 - 130      |      |   |                 | 03/07/25 01:04  | 1              |
| Toluene-d8 (Surr)            | 87               |                  | 70 - 130      |      |   |                 | 03/07/25 01:04  | 1              |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-07**  
 Date Collected: 03/04/25 12:40  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-2**  
 Matrix: Water

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

| Analyte                      | Result    | Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene                      | ND        |           | 1.0      | ug/L |   |          | 03/07/25 02:17 | 1       |
| Ethylbenzene                 | ND        |           | 1.0      | ug/L |   |          | 03/07/25 02:17 | 1       |
| Toluene                      | ND        |           | 1.0      | ug/L |   |          | 03/07/25 02:17 | 1       |
| Xylenes, Total               | ND        |           | 1.5      | ug/L |   |          | 03/07/25 02:17 | 1       |
| <hr/>                        |           |           |          |      |   |          |                |         |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 129       |           | 70 - 130 |      |   |          | 03/07/25 02:17 | 1       |
| 4-Bromofluorobenzene (Surr)  | 81        |           | 70 - 130 |      |   |          | 03/07/25 02:17 | 1       |
| Dibromofluoromethane (Surr)  | 116       |           | 70 - 130 |      |   |          | 03/07/25 02:17 | 1       |
| Toluene-d8 (Surr)            | 87        |           | 70 - 130 |      |   |          | 03/07/25 02:17 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-04**

**Lab Sample ID: 885-20890-3**

Date Collected: 03/04/25 15:00

Matrix: Water

Date Received: 03/05/25 07:00

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 03/07/25 02:41 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 03/07/25 02:41 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 03/07/25 02:41 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 03/07/25 02:41 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 125       |           | 70 - 130 |          | 03/07/25 02:41 | 1       |
| 4-Bromofluorobenzene (Surr)  | 78        |           | 70 - 130 |          | 03/07/25 02:41 | 1       |
| Dibromofluoromethane (Surr)  | 111       |           | 70 - 130 |          | 03/07/25 02:41 | 1       |
| Toluene-d8 (Surr)            | 85        |           | 70 - 130 |          | 03/07/25 02:41 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-09**  
 Date Collected: 03/04/25 10:00  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-4**  
 Matrix: Water

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

| Analyte                      | Result    | Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene                      | ND        |           | 1.0      | ug/L |   |          | 03/07/25 03:05 | 1       |
| Ethylbenzene                 | ND        |           | 1.0      | ug/L |   |          | 03/07/25 03:05 | 1       |
| Toluene                      | ND        |           | 1.0      | ug/L |   |          | 03/07/25 03:05 | 1       |
| Xylenes, Total               | ND        |           | 1.5      | ug/L |   |          | 03/07/25 03:05 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 127       |           | 70 - 130 |      |   |          | 03/07/25 03:05 | 1       |
| 4-Bromofluorobenzene (Surr)  | 78        |           | 70 - 130 |      |   |          | 03/07/25 03:05 | 1       |
| Dibromofluoromethane (Surr)  | 116       |           | 70 - 130 |      |   |          | 03/07/25 03:05 | 1       |
| Toluene-d8 (Surr)            | 85        |           | 70 - 130 |      |   |          | 03/07/25 03:05 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-10**

**Lab Sample ID: 885-20890-5**

Date Collected: 03/04/25 10:50

Matrix: Water

Date Received: 03/05/25 07:00

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 03/07/25 03:30 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 03/07/25 03:30 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 03/07/25 03:30 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 03/07/25 03:30 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 122       |           | 70 - 130 |          | 03/07/25 03:30 | 1       |
| 4-Bromofluorobenzene (Surr)  | 78        |           | 70 - 130 |          | 03/07/25 03:30 | 1       |
| Dibromofluoromethane (Surr)  | 116       |           | 70 - 130 |          | 03/07/25 03:30 | 1       |
| Toluene-d8 (Surr)            | 87        |           | 70 - 130 |          | 03/07/25 03:30 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-11**  
 Date Collected: 03/04/25 11:35  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-6**  
 Matrix: Water

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

| Analyte                      | Result    | Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene                      | ND        |           | 1.0      | ug/L |   |          | 03/07/25 03:54 | 1       |
| Ethylbenzene                 | ND        |           | 1.0      | ug/L |   |          | 03/07/25 03:54 | 1       |
| Toluene                      | ND        |           | 1.0      | ug/L |   |          | 03/07/25 03:54 | 1       |
| Xylenes, Total               | ND        |           | 1.5      | ug/L |   |          | 03/07/25 03:54 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 127       |           | 70 - 130 |      |   |          | 03/07/25 03:54 | 1       |
| 4-Bromofluorobenzene (Surr)  | 80        |           | 70 - 130 |      |   |          | 03/07/25 03:54 | 1       |
| Dibromofluoromethane (Surr)  | 116       |           | 70 - 130 |      |   |          | 03/07/25 03:54 | 1       |
| Toluene-d8 (Surr)            | 86        |           | 70 - 130 |      |   |          | 03/07/25 03:54 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-16**  
 Date Collected: 03/01/25 13:00  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-7**  
 Matrix: Water

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

| Analyte                      | Result    | Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene                      | ND        |           | 1.0      | ug/L |   |          | 03/07/25 04:18 | 1       |
| Ethylbenzene                 | ND        |           | 1.0      | ug/L |   |          | 03/07/25 04:18 | 1       |
| Toluene                      | ND        |           | 1.0      | ug/L |   |          | 03/07/25 04:18 | 1       |
| Xylenes, Total               | ND        |           | 1.5      | ug/L |   |          | 03/07/25 04:18 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 124       |           | 70 - 130 |      |   |          | 03/07/25 04:18 | 1       |
| 4-Bromofluorobenzene (Surr)  | 78        |           | 70 - 130 |      |   |          | 03/07/25 04:18 | 1       |
| Dibromofluoromethane (Surr)  | 116       |           | 70 - 130 |      |   |          | 03/07/25 04:18 | 1       |
| Toluene-d8 (Surr)            | 86        |           | 70 - 130 |      |   |          | 03/07/25 04:18 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-17**

**Lab Sample ID: 885-20890-8**

Date Collected: 03/01/25 14:10

Matrix: Water

Date Received: 03/05/25 07:00

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 03/07/25 04:43 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 03/07/25 04:43 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 03/07/25 04:43 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 03/07/25 04:43 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 125       |           | 70 - 130 |          | 03/07/25 04:43 | 1       |
| 4-Bromofluorobenzene (Surr)  | 78        |           | 70 - 130 |          | 03/07/25 04:43 | 1       |
| Dibromofluoromethane (Surr)  | 116       |           | 70 - 130 |          | 03/07/25 04:43 | 1       |
| Toluene-d8 (Surr)            | 85        |           | 70 - 130 |          | 03/07/25 04:43 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-21**

**Lab Sample ID: 885-20890-9**

Date Collected: 02/28/25 15:00

Matrix: Water

Date Received: 03/05/25 07:00

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 03/07/25 05:07 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 03/07/25 05:07 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 03/07/25 05:07 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 03/07/25 05:07 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 127       |           | 70 - 130 |          | 03/07/25 05:07 | 1       |
| 4-Bromofluorobenzene (Surr)  | 78        |           | 70 - 130 |          | 03/07/25 05:07 | 1       |
| Dibromofluoromethane (Surr)  | 119       |           | 70 - 130 |          | 03/07/25 05:07 | 1       |
| Toluene-d8 (Surr)            | 87        |           | 70 - 130 |          | 03/07/25 05:07 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-22**

**Lab Sample ID: 885-20890-10**

Date Collected: 02/28/25 11:00

Matrix: Water

Date Received: 03/05/25 07:00

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | 1.3    |           | 1.0 | ug/L |   |          | 03/07/25 15:45 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 03/07/25 15:45 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 03/07/25 15:45 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 03/07/25 15:45 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 124       |           | 70 - 130 |          | 03/07/25 15:45 | 1       |
| 4-Bromofluorobenzene (Surr)  | 84        |           | 70 - 130 |          | 03/07/25 15:45 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 70 - 130 |          | 03/07/25 15:45 | 1       |
| Toluene-d8 (Surr)            | 82        |           | 70 - 130 |          | 03/07/25 15:45 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-25**  
 Date Collected: 02/28/25 14:00  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-11**  
 Matrix: Water

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

| Analyte                      | Result    | Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene                      | 30        |           | 1.0      | ug/L |   |          | 03/07/25 16:10 | 1       |
| Ethylbenzene                 | 6.6       |           | 1.0      | ug/L |   |          | 03/07/25 16:10 | 1       |
| Toluene                      | ND        |           | 1.0      | ug/L |   |          | 03/07/25 16:10 | 1       |
| <b>Xylenes, Total</b>        | <b>23</b> |           | 1.5      | ug/L |   |          | 03/07/25 16:10 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 125       |           | 70 - 130 |      |   |          | 03/07/25 16:10 | 1       |
| 4-Bromofluorobenzene (Surr)  | 88        |           | 70 - 130 |      |   |          | 03/07/25 16:10 | 1       |
| Dibromofluoromethane (Surr)  | 111       |           | 70 - 130 |      |   |          | 03/07/25 16:10 | 1       |
| Toluene-d8 (Surr)            | 84        |           | 70 - 130 |      |   |          | 03/07/25 16:10 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-26**

**Lab Sample ID: 885-20890-12**

Date Collected: 02/28/25 13:00

Matrix: Water

Date Received: 03/05/25 07:00

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 03/07/25 06:20 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 03/07/25 06:20 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 03/07/25 06:20 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 03/07/25 06:20 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 120       |           | 70 - 130 |          | 03/07/25 06:20 | 1       |
| 4-Bromofluorobenzene (Surr)  | 78        |           | 70 - 130 |          | 03/07/25 06:20 | 1       |
| Dibromofluoromethane (Surr)  | 114       |           | 70 - 130 |          | 03/07/25 06:20 | 1       |
| Toluene-d8 (Surr)            | 86        |           | 70 - 130 |          | 03/07/25 06:20 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-27**  
 Date Collected: 02/28/25 12:20  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-13**  
 Matrix: Water

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

| Analyte                      | Result    | Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene                      | ND        |           | 1.0      | ug/L |   |          | 03/07/25 06:45 | 1       |
| Ethylbenzene                 | ND        |           | 1.0      | ug/L |   |          | 03/07/25 06:45 | 1       |
| Toluene                      | ND        |           | 1.0      | ug/L |   |          | 03/07/25 06:45 | 1       |
| Xylenes, Total               | ND        |           | 1.5      | ug/L |   |          | 03/07/25 06:45 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 123       |           | 70 - 130 |      |   |          | 03/07/25 06:45 | 1       |
| 4-Bromofluorobenzene (Surr)  | 78        |           | 70 - 130 |      |   |          | 03/07/25 06:45 | 1       |
| Dibromofluoromethane (Surr)  | 117       |           | 70 - 130 |      |   |          | 03/07/25 06:45 | 1       |
| Toluene-d8 (Surr)            | 86        |           | 70 - 130 |      |   |          | 03/07/25 06:45 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-28**  
 Date Collected: 02/28/25 11:45  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-14**  
 Matrix: Water

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | 830    |           | 20  | ug/L |   |          | 03/07/25 16:34 | 20      |
| Ethylbenzene   | 270    |           | 20  | ug/L |   |          | 03/07/25 16:34 | 20      |
| Toluene        | 1.3    |           | 1.0 | ug/L |   |          | 03/07/25 07:09 | 1       |
| Xylenes, Total | 750    |           | 30  | ug/L |   |          | 03/07/25 16:34 | 20      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 70 - 130 |          | 03/07/25 07:09 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 123       |           | 70 - 130 |          | 03/07/25 16:34 | 20      |
| 4-Bromofluorobenzene (Surr)  | 90        |           | 70 - 130 |          | 03/07/25 07:09 | 1       |
| 4-Bromofluorobenzene (Surr)  | 88        |           | 70 - 130 |          | 03/07/25 16:34 | 20      |
| Dibromofluoromethane (Surr)  | 97        |           | 70 - 130 |          | 03/07/25 07:09 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 70 - 130 |          | 03/07/25 16:34 | 20      |
| Toluene-d8 (Surr)            | 102       |           | 70 - 130 |          | 03/07/25 07:09 | 1       |
| Toluene-d8 (Surr)            | 88        |           | 70 - 130 |          | 03/07/25 16:34 | 20      |

### QC Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

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

Lab Sample ID: MB 885-22027/5  
 Matrix: Water  
 Analysis Batch: 22027

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

| Analyte        | MB Result | MB Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-----|------|---|----------|----------------|---------|
| Benzene        | ND        |              | 1.0 | ug/L |   |          | 03/07/25 00:40 | 1       |
| Ethylbenzene   | ND        |              | 1.0 | ug/L |   |          | 03/07/25 00:40 | 1       |
| Toluene        | ND        |              | 1.0 | ug/L |   |          | 03/07/25 00:40 | 1       |
| Xylenes, Total | ND        |              | 1.5 | ug/L |   |          | 03/07/25 00:40 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 124          |              | 70 - 130 |          | 03/07/25 00:40 | 1       |
| 4-Bromofluorobenzene (Surr)  | 79           |              | 70 - 130 |          | 03/07/25 00:40 | 1       |
| Dibromofluoromethane (Surr)  | 114          |              | 70 - 130 |          | 03/07/25 00:40 | 1       |
| Toluene-d8 (Surr)            | 88           |              | 70 - 130 |          | 03/07/25 00:40 | 1       |

Lab Sample ID: LCS 885-22027/4  
 Matrix: Water  
 Analysis Batch: 22027

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

| Analyte      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------|-------------|------------|---------------|------|---|------|-------------|
| Benzene      | 20.0        | 24.0       |               | ug/L |   | 120  | 70 - 130    |
| Ethylbenzene | 20.0        | 17.5       |               | ug/L |   | 87   | 70 - 130    |
| m&p-Xylene   | 40.0        | 39.1       |               | ug/L |   | 98   | 70 - 130    |
| o-Xylene     | 20.0        | 18.8       |               | ug/L |   | 94   | 70 - 130    |
| Toluene      | 20.0        | 18.6       |               | ug/L |   | 93   | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 125           |               | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 89            |               | 70 - 130 |
| Dibromofluoromethane (Surr)  | 116           |               | 70 - 130 |
| Toluene-d8 (Surr)            | 86            |               | 70 - 130 |

Lab Sample ID: 885-20890-1 MS  
 Matrix: Water  
 Analysis Batch: 22027

Client Sample ID: MW-03  
 Prep Type: Total/NA

| Analyte      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Benzene      | ND            |                  | 20.0        | 23.3      |              | ug/L |   | 116  | 70 - 130    |
| Ethylbenzene | ND            |                  | 20.0        | 16.9      |              | ug/L |   | 85   | 70 - 130    |
| m&p-Xylene   | ND            |                  | 40.0        | 37.8      |              | ug/L |   | 94   | 70 - 130    |
| o-Xylene     | ND            |                  | 20.0        | 18.5      |              | ug/L |   | 92   | 70 - 130    |
| Toluene      | ND            |                  | 20.0        | 18.0      |              | ug/L |   | 90   | 70 - 130    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 123          |              | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 91           |              | 70 - 130 |
| Dibromofluoromethane (Surr)  | 115          |              | 70 - 130 |
| Toluene-d8 (Surr)            | 86           |              | 70 - 130 |

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### QC Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

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

Lab Sample ID: 885-20890-1 MSD  
 Matrix: Water  
 Analysis Batch: 22027

Client Sample ID: MW-03  
 Prep Type: Total/NA

| Analyte                      | Sample    | Sample    | Spike    | MSD    | MSD       | Unit | D | %Rec | %Rec     | RPD | Limit |
|------------------------------|-----------|-----------|----------|--------|-----------|------|---|------|----------|-----|-------|
|                              | Result    | Qualifier | Added    | Result | Qualifier |      |   |      | Limits   |     |       |
| Benzene                      | ND        |           | 20.0     | 22.6   |           | ug/L |   | 113  | 70 - 130 | 3   | 20    |
| Ethylbenzene                 | ND        |           | 20.0     | 15.9   |           | ug/L |   | 80   | 70 - 130 | 6   | 20    |
| m&p-Xylene                   | ND        |           | 40.0     | 35.7   |           | ug/L |   | 89   | 70 - 130 | 6   | 20    |
| o-Xylene                     | ND        |           | 20.0     | 17.3   |           | ug/L |   | 87   | 70 - 130 | 6   | 20    |
| Toluene                      | ND        |           | 20.0     | 17.2   |           | ug/L |   | 86   | 70 - 130 | 4   | 20    |
| <b>MSD MSD</b>               |           |           |          |        |           |      |   |      |          |     |       |
| Surrogate                    | %Recovery | Qualifier | Limits   |        |           |      |   |      |          |     |       |
| 1,2-Dichloroethane-d4 (Surr) | 125       |           | 70 - 130 |        |           |      |   |      |          |     |       |
| 4-Bromofluorobenzene (Surr)  | 89        |           | 70 - 130 |        |           |      |   |      |          |     |       |
| Dibromofluoromethane (Surr)  | 115       |           | 70 - 130 |        |           |      |   |      |          |     |       |
| Toluene-d8 (Surr)            | 87        |           | 70 - 130 |        |           |      |   |      |          |     |       |

Lab Sample ID: MB 885-22070/5  
 Matrix: Water  
 Analysis Batch: 22070

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

| Analyte                      | MB        | MB        | RL       | Unit     | D              | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|----------|----------------|---------|
|                              | Result    | Qualifier |          |          |                |          |                |         |
| Benzene                      | ND        |           | 1.0      | ug/L     |                |          | 03/07/25 15:20 | 1       |
| Ethylbenzene                 | ND        |           | 1.0      | ug/L     |                |          | 03/07/25 15:20 | 1       |
| Toluene                      | ND        |           | 1.0      | ug/L     |                |          | 03/07/25 15:20 | 1       |
| Xylenes, Total               | ND        |           | 1.5      | ug/L     |                |          | 03/07/25 15:20 | 1       |
| <b>MB MB</b>                 |           |           |          |          |                |          |                |         |
| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac  |                |         |
| 1,2-Dichloroethane-d4 (Surr) | 126       |           | 70 - 130 |          | 03/07/25 15:20 | 1        |                |         |
| 4-Bromofluorobenzene (Surr)  | 81        |           | 70 - 130 |          | 03/07/25 15:20 | 1        |                |         |
| Dibromofluoromethane (Surr)  | 111       |           | 70 - 130 |          | 03/07/25 15:20 | 1        |                |         |
| Toluene-d8 (Surr)            | 86        |           | 70 - 130 |          | 03/07/25 15:20 | 1        |                |         |

Lab Sample ID: LCS 885-22070/4  
 Matrix: Water  
 Analysis Batch: 22070

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

| Analyte                      | Spike Added | LCS       | LCS       | Unit | D | %Rec | %Rec     |
|------------------------------|-------------|-----------|-----------|------|---|------|----------|
|                              |             | Result    | Qualifier |      |   |      | Limits   |
| Benzene                      | 20.0        | 24.9      |           | ug/L |   | 125  | 70 - 130 |
| Ethylbenzene                 | 20.0        | 18.3      |           | ug/L |   | 92   | 70 - 130 |
| m&p-Xylene                   | 40.0        | 40.6      |           | ug/L |   | 101  | 70 - 130 |
| o-Xylene                     | 20.0        | 19.8      |           | ug/L |   | 99   | 70 - 130 |
| Toluene                      | 20.0        | 19.3      |           | ug/L |   | 96   | 70 - 130 |
| <b>LCS LCS</b>               |             |           |           |      |   |      |          |
| Surrogate                    | %Recovery   | Qualifier | Limits    |      |   |      |          |
| 1,2-Dichloroethane-d4 (Surr) | 124         |           | 70 - 130  |      |   |      |          |
| 4-Bromofluorobenzene (Surr)  | 90          |           | 70 - 130  |      |   |      |          |
| Dibromofluoromethane (Surr)  | 111         |           | 70 - 130  |      |   |      |          |
| Toluene-d8 (Surr)            | 86          |           | 70 - 130  |      |   |      |          |

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### QC Association Summary

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

#### GC/MS VOA

##### Analysis Batch: 22027

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-20890-1     | MW-03              | Total/NA  | Water  | 8260B  |            |
| 885-20890-2     | MW-07              | Total/NA  | Water  | 8260B  |            |
| 885-20890-3     | MW-04              | Total/NA  | Water  | 8260B  |            |
| 885-20890-4     | MW-09              | Total/NA  | Water  | 8260B  |            |
| 885-20890-5     | MW-10              | Total/NA  | Water  | 8260B  |            |
| 885-20890-6     | MW-11              | Total/NA  | Water  | 8260B  |            |
| 885-20890-7     | MW-16              | Total/NA  | Water  | 8260B  |            |
| 885-20890-8     | MW-17              | Total/NA  | Water  | 8260B  |            |
| 885-20890-9     | MW-21              | Total/NA  | Water  | 8260B  |            |
| 885-20890-12    | MW-26              | Total/NA  | Water  | 8260B  |            |
| 885-20890-13    | MW-27              | Total/NA  | Water  | 8260B  |            |
| 885-20890-14    | MW-28              | Total/NA  | Water  | 8260B  |            |
| MB 885-22027/5  | Method Blank       | Total/NA  | Water  | 8260B  |            |
| LCS 885-22027/4 | Lab Control Sample | Total/NA  | Water  | 8260B  |            |
| 885-20890-1 MS  | MW-03              | Total/NA  | Water  | 8260B  |            |
| 885-20890-1 MSD | MW-03              | Total/NA  | Water  | 8260B  |            |

##### Analysis Batch: 22070

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-20890-10    | MW-22              | Total/NA  | Water  | 8260B  |            |
| 885-20890-11    | MW-25              | Total/NA  | Water  | 8260B  |            |
| 885-20890-14    | MW-28              | Total/NA  | Water  | 8260B  |            |
| MB 885-22070/5  | Method Blank       | Total/NA  | Water  | 8260B  |            |
| LCS 885-22070/4 | Lab Control Sample | Total/NA  | Water  | 8260B  |            |

### Lab Chronicle

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-03**  
 Date Collected: 03/04/25 12:05  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-1**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 01:04       |

**Client Sample ID: MW-07**  
 Date Collected: 03/04/25 12:40  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-2**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 02:17       |

**Client Sample ID: MW-04**  
 Date Collected: 03/04/25 15:00  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-3**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 02:41       |

**Client Sample ID: MW-09**  
 Date Collected: 03/04/25 10:00  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-4**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 03:05       |

**Client Sample ID: MW-10**  
 Date Collected: 03/04/25 10:50  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-5**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 03:30       |

**Client Sample ID: MW-11**  
 Date Collected: 03/04/25 11:35  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-6**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 03:54       |

**Client Sample ID: MW-16**  
 Date Collected: 03/01/25 13:00  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-7**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 04:18       |

Eurofins Albuquerque

### Lab Chronicle

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Client Sample ID: MW-17**  
 Date Collected: 03/01/25 14:10  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-8**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 04:43       |

**Client Sample ID: MW-21**  
 Date Collected: 02/28/25 15:00  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-9**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 05:07       |

**Client Sample ID: MW-22**  
 Date Collected: 02/28/25 11:00  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-10**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22070        | CM      | EET ALB | 03/07/25 15:45       |

**Client Sample ID: MW-25**  
 Date Collected: 02/28/25 14:00  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-11**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22070        | CM      | EET ALB | 03/07/25 16:10       |

**Client Sample ID: MW-26**  
 Date Collected: 02/28/25 13:00  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-12**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 06:20       |

**Client Sample ID: MW-27**  
 Date Collected: 02/28/25 12:20  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-13**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 06:45       |

**Client Sample ID: MW-28**  
 Date Collected: 02/28/25 11:45  
 Date Received: 03/05/25 07:00

**Lab Sample ID: 885-20890-14**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 22027        | CM      | EET ALB | 03/07/25 07:09       |
| Total/NA  | Analysis   | 8260B        |     | 20              | 22070        | CM      | EET ALB | 03/07/25 16:34       |

Eurofins Albuquerque

### Lab Chronicle

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

**Laboratory References:**

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

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### Accreditation/Certification Summary

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-20890-1

#### Laboratory: Eurofins Albuquerque

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Arizona   | State   | AZ0682                | 10-21-25        |
| Texas     | NELAP   | T104704424-23-16      | 06-01-25        |

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### Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-20890-1

**Login Number: 20890**

**List Number: 1**

**Creator: Casarrubias, Tracy**

**List Source: Eurofins Albuquerque**

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





Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 6/13/2025 1:13:22 PM

## JOB DESCRIPTION

Sullivan GC D 1E

## JOB NUMBER

885-26232-1

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  
6/13/2025 1:13:22 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: Sullivan GC D 1E

Laboratory Job ID: 885-26232-1



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## Definitions/Glossary

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

## Qualifiers

## GC/MS VOA

| Qualifier | Qualifier Description                                  |
|-----------|--|
| S1-       | Surrogate recovery exceeds control limits, low 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: Sullivan GC D 1E

Job ID: 885-26232-1

**Job ID: 885-26232-1**

**Eurofins Albuquerque**

## Job Narrative 885-26232-1

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

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

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

### Receipt

The samples were received on 6/6/2025 6:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.3°C.

### GC/MS VOA

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: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-03**  
 Date Collected: 06/05/25 13:00  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-1**  
 Matrix: Water

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 13:28 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 06/12/25 13:28 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 13:28 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 06/12/25 13:28 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 70 - 130 |          | 06/12/25 13:28 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |          | 06/12/25 13:28 | 1       |
| Dibromofluoromethane (Surr)  | 99        |           | 70 - 130 |          | 06/12/25 13:28 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |          | 06/12/25 13:28 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-07**  
 Date Collected: 06/05/25 13:50  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-2**  
 Matrix: Water

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 17:36 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 06/12/25 17:36 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 17:36 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 06/12/25 17:36 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 70 - 130 |          | 06/12/25 17:36 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |          | 06/12/25 17:36 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 70 - 130 |          | 06/12/25 17:36 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |          | 06/12/25 17:36 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-04**

**Lab Sample ID: 885-26232-3**

Date Collected: 06/03/25 15:45

Matrix: Water

Date Received: 06/06/25 06:45

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 18:03 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 06/12/25 18:03 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 18:03 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 06/12/25 18:03 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 70 - 130 |          | 06/12/25 18:03 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 70 - 130 |          | 06/12/25 18:03 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 70 - 130 |          | 06/12/25 18:03 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 70 - 130 |          | 06/12/25 18:03 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-09**  
 Date Collected: 06/03/25 15:00  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-4**  
 Matrix: Water

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 16:13 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 06/12/25 16:13 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 16:13 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 06/12/25 16:13 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 70 - 130 |          | 06/12/25 16:13 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 70 - 130 |          | 06/12/25 16:13 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 70 - 130 |          | 06/12/25 16:13 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |          | 06/12/25 16:13 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-10**  
 Date Collected: 06/05/25 10:30  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-5**  
 Matrix: Water

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 16:41 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 06/12/25 16:41 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 16:41 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 06/12/25 16:41 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 70 - 130 |          | 06/12/25 16:41 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 70 - 130 |          | 06/12/25 16:41 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 70 - 130 |          | 06/12/25 16:41 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 70 - 130 |          | 06/12/25 16:41 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-11**

**Lab Sample ID: 885-26232-6**

Date Collected: 06/05/25 11:30

Matrix: Water

Date Received: 06/06/25 06:45

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 17:08 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 06/12/25 17:08 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 17:08 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 06/12/25 17:08 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 70 - 130 |          | 06/12/25 17:08 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 70 - 130 |          | 06/12/25 17:08 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 70 - 130 |          | 06/12/25 17:08 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |          | 06/12/25 17:08 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-16**  
 Date Collected: 06/03/25 12:30  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-7**  
 Matrix: Water

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

| Analyte                      | Result    | Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene                      | ND        |           | 1.0      | ug/L |   |          | 06/10/25 09:40 | 1       |
| Ethylbenzene                 | ND        |           | 1.0      | ug/L |   |          | 06/10/25 09:40 | 1       |
| Toluene                      | ND        |           | 1.0      | ug/L |   |          | 06/10/25 09:40 | 1       |
| Xylenes, Total               | ND        |           | 1.5      | ug/L |   |          | 06/10/25 09:40 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 83        |           | 70 - 130 |      |   |          | 06/10/25 09:40 | 1       |
| 4-Bromofluorobenzene (Surr)  | 81        |           | 70 - 130 |      |   |          | 06/10/25 09:40 | 1       |
| Dibromofluoromethane (Surr)  | 91        |           | 70 - 130 |      |   |          | 06/10/25 09:40 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 70 - 130 |      |   |          | 06/10/25 09:40 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-17**

**Lab Sample ID: 885-26232-8**

Date Collected: 06/03/25 13:20

Matrix: Water

Date Received: 06/06/25 06:45

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 06/10/25 10:05 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 06/10/25 10:05 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 06/10/25 10:05 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 06/10/25 10:05 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 70 - 130 |          | 06/10/25 10:05 | 1       |
| 4-Bromofluorobenzene (Surr)  | 86        |           | 70 - 130 |          | 06/10/25 10:05 | 1       |
| Dibromofluoromethane (Surr)  | 98        |           | 70 - 130 |          | 06/10/25 10:05 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 70 - 130 |          | 06/10/25 10:05 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-21**

**Lab Sample ID: 885-26232-9**

Date Collected: 06/03/25 10:30

Matrix: Water

Date Received: 06/06/25 06:45

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 06/10/25 10:29 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 06/10/25 10:29 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 06/10/25 10:29 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 06/10/25 10:29 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 88        |           | 70 - 130 |          | 06/10/25 10:29 | 1       |
| 4-Bromofluorobenzene (Surr)  | 84        |           | 70 - 130 |          | 06/10/25 10:29 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 70 - 130 |          | 06/10/25 10:29 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 70 - 130 |          | 06/10/25 10:29 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-22**  
 Date Collected: 05/30/25 11:00  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-10**  
 Matrix: Water

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

| Analyte               | Result    | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|-----|------|---|----------|----------------|---------|
| Benzene               | 130       |           | 10  | ug/L |   |          | 06/12/25 06:30 | 10      |
| Ethylbenzene          | 5.4       |           | 1.0 | ug/L |   |          | 06/10/25 10:54 | 1       |
| Toluene               | ND        |           | 1.0 | ug/L |   |          | 06/10/25 10:54 | 1       |
| <b>Xylenes, Total</b> | <b>22</b> |           | 1.5 | ug/L |   |          | 06/10/25 10:54 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 79        |           | 70 - 130 |          | 06/10/25 10:54 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 70 - 130 |          | 06/12/25 06:30 | 10      |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 70 - 130 |          | 06/10/25 10:54 | 1       |
| Dibromofluoromethane (Surr)  | 89        |           | 70 - 130 |          | 06/10/25 10:54 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 70 - 130 |          | 06/12/25 06:30 | 10      |
| Toluene-d8 (Surr)            | 93        |           | 70 - 130 |          | 06/10/25 10:54 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-25**

**Lab Sample ID: 885-26232-11**

Date Collected: 05/30/25 12:15

Matrix: Water

Date Received: 06/06/25 06:45

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 05:34 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 06/12/25 05:34 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 05:34 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 06/12/25 05:34 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 109       |           | 70 - 130 |          | 06/12/25 05:34 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 70 - 130 |          | 06/12/25 05:34 | 1       |
| Dibromofluoromethane (Surr)  | 105       |           | 70 - 130 |          | 06/12/25 05:34 | 1       |
| Toluene-d8 (Surr)            | 89        |           | 70 - 130 |          | 06/12/25 05:34 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-26**  
 Date Collected: 05/30/25 15:30  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-12**  
 Matrix: Water

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

| Analyte                      | Result    | Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene                      | 1.3       |           | 1.0      | ug/L |   |          | 06/10/25 11:43 | 1       |
| Ethylbenzene                 | ND        |           | 1.0      | ug/L |   |          | 06/10/25 11:43 | 1       |
| Toluene                      | ND        |           | 1.0      | ug/L |   |          | 06/10/25 11:43 | 1       |
| Xylenes, Total               | ND        |           | 1.5      | ug/L |   |          | 06/10/25 11:43 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 84        |           | 70 - 130 |      |   |          | 06/10/25 11:43 | 1       |
| 4-Bromofluorobenzene (Surr)  | 84        |           | 70 - 130 |      |   |          | 06/10/25 11:43 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 70 - 130 |      |   |          | 06/10/25 11:43 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 70 - 130 |      |   |          | 06/10/25 11:43 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-27**  
 Date Collected: 05/30/25 14:30  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-13**  
 Matrix: Water

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

| Analyte               | Result     | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------|------------|-----------|-----|------|---|----------|----------------|---------|
| Benzene               | 2.7        |           | 1.0 | ug/L |   |          | 06/10/25 12:08 | 1       |
| Ethylbenzene          | 2.2        |           | 1.0 | ug/L |   |          | 06/10/25 12:08 | 1       |
| Toluene               | ND         |           | 1.0 | ug/L |   |          | 06/10/25 12:08 | 1       |
| <b>Xylenes, Total</b> | <b>140</b> |           | 1.5 | ug/L |   |          | 06/10/25 12:08 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 79        |           | 70 - 130 |          | 06/10/25 12:08 | 1       |
| 4-Bromofluorobenzene (Surr)  | 107       |           | 70 - 130 |          | 06/10/25 12:08 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 70 - 130 |          | 06/10/25 12:08 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 70 - 130 |          | 06/10/25 12:08 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-28**

**Lab Sample ID: 885-26232-14**

Date Collected: 05/30/25 13:30

Matrix: Water

Date Received: 06/06/25 06:45

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

| Analyte               | Result      | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------|-------------|-----------|-----|------|---|----------|----------------|---------|
| Benzene               | 3.4         |           | 1.0 | ug/L |   |          | 06/10/25 12:32 | 1       |
| Ethylbenzene          | 310         |           | 20  | ug/L |   |          | 06/12/25 06:58 | 20      |
| Toluene               | ND          |           | 1.0 | ug/L |   |          | 06/10/25 12:32 | 1       |
| <b>Xylenes, Total</b> | <b>2200</b> |           | 30  | ug/L |   |          | 06/12/25 06:58 | 20      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 64        | S1-       | 70 - 130 |          | 06/10/25 12:32 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 109       |           | 70 - 130 |          | 06/12/25 06:58 | 20      |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |          | 06/10/25 12:32 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |          | 06/12/25 06:58 | 20      |
| Dibromofluoromethane (Surr)  | 70        |           | 70 - 130 |          | 06/10/25 12:32 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 70 - 130 |          | 06/12/25 06:58 | 20      |
| Toluene-d8 (Surr)            | 122       |           | 70 - 130 |          | 06/10/25 12:32 | 1       |
| Toluene-d8 (Surr)            | 89        |           | 70 - 130 |          | 06/12/25 06:58 | 20      |

### QC Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

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

Lab Sample ID: MB 885-27908/5  
 Matrix: Water  
 Analysis Batch: 27908

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

| Analyte        | MB Result | MB Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-----|------|---|----------|----------------|---------|
| Benzene        | ND        |              | 1.0 | ug/L |   |          | 06/10/25 03:32 | 1       |
| Ethylbenzene   | ND        |              | 1.0 | ug/L |   |          | 06/10/25 03:32 | 1       |
| Toluene        | ND        |              | 1.0 | ug/L |   |          | 06/10/25 03:32 | 1       |
| Xylenes, Total | ND        |              | 1.5 | ug/L |   |          | 06/10/25 03:32 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 78           |              | 70 - 130 |          | 06/10/25 03:32 | 1       |
| 4-Bromofluorobenzene (Surr)  | 84           |              | 70 - 130 |          | 06/10/25 03:32 | 1       |
| Dibromofluoromethane (Surr)  | 91           |              | 70 - 130 |          | 06/10/25 03:32 | 1       |
| Toluene-d8 (Surr)            | 96           |              | 70 - 130 |          | 06/10/25 03:32 | 1       |

Lab Sample ID: LCS 885-27908/4  
 Matrix: Water  
 Analysis Batch: 27908

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Benzene | 20.0        | 17.4       |               | ug/L |   | 87   | 70 - 130    |
| Toluene | 20.0        | 21.9       |               | ug/L |   | 110  | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 77            |               | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 89            |               | 70 - 130 |
| Dibromofluoromethane (Surr)  | 91            |               | 70 - 130 |
| Toluene-d8 (Surr)            | 96            |               | 70 - 130 |

Lab Sample ID: MB 885-28116/4  
 Matrix: Water  
 Analysis Batch: 28116

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

| Analyte        | MB Result | MB Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-----|------|---|----------|----------------|---------|
| Benzene        | ND        |              | 1.0 | ug/L |   |          | 06/11/25 23:53 | 1       |
| Ethylbenzene   | ND        |              | 1.0 | ug/L |   |          | 06/11/25 23:53 | 1       |
| Toluene        | ND        |              | 1.0 | ug/L |   |          | 06/11/25 23:53 | 1       |
| Xylenes, Total | ND        |              | 1.5 | ug/L |   |          | 06/11/25 23:53 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 109          |              | 70 - 130 |          | 06/11/25 23:53 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100          |              | 70 - 130 |          | 06/11/25 23:53 | 1       |
| Dibromofluoromethane (Surr)  | 103          |              | 70 - 130 |          | 06/11/25 23:53 | 1       |
| Toluene-d8 (Surr)            | 87           |              | 70 - 130 |          | 06/11/25 23:53 | 1       |

Lab Sample ID: LCS 885-28116/3  
 Matrix: Water  
 Analysis Batch: 28116

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Benzene | 20.0        | 23.2       |               | ug/L |   | 116  | 70 - 130    |
| Toluene | 20.0        | 18.2       |               | ug/L |   | 91   | 70 - 130    |

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### QC Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

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

| Surrogate                    | LCS LCS   |           | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |
| Dibromofluoromethane (Surr)  | 105       |           | 70 - 130 |
| Toluene-d8 (Surr)            | 88        |           | 70 - 130 |

Lab Sample ID: MB 885-28158/7  
 Matrix: Water  
 Analysis Batch: 28158

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

| Analyte        | MB MB  |           | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
|                | Result | Qualifier |     |      |   |          |                |         |
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 13:01 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 06/12/25 13:01 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 06/12/25 13:01 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 06/12/25 13:01 | 1       |

| Surrogate                    | MB MB     |           | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
|                              | %Recovery | Qualifier |          |          |                |         |
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 70 - 130 |          | 06/12/25 13:01 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 70 - 130 |          | 06/12/25 13:01 | 1       |
| Dibromofluoromethane (Surr)  | 99        |           | 70 - 130 |          | 06/12/25 13:01 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |          | 06/12/25 13:01 | 1       |

Lab Sample ID: LCS 885-28158/6  
 Matrix: Water  
 Analysis Batch: 28158

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

| Analyte | Spike Added | LCS LCS |           | Unit | D | %Rec | %Rec Limits |
|---------|-------------|---------|-----------|------|---|------|-------------|
|         |             | Result  | Qualifier |      |   |      |             |
| Benzene | 20.0        | 21.3    |           | ug/L |   | 106  | 70 - 130    |
| Toluene | 20.0        | 19.2    |           | ug/L |   | 96   | 70 - 130    |

| Surrogate                    | LCS LCS   |           | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 70 - 130 |
| Dibromofluoromethane (Surr)  | 99        |           | 70 - 130 |
| Toluene-d8 (Surr)            | 102       |           | 70 - 130 |

Lab Sample ID: 885-26232-1 MS  
 Matrix: Water  
 Analysis Batch: 28158

Client Sample ID: MW-03  
 Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS MS  |           | Unit | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|--------|-----------|------|---|------|-------------|
|         |               |                  |             | Result | Qualifier |      |   |      |             |
| Benzene | ND            |                  | 20.0        | 23.4   |           | ug/L |   | 117  | 70 - 130    |
| Toluene | ND            |                  | 20.0        | 20.7   |           | ug/L |   | 104  | 70 - 130    |

| Surrogate                    | MS MS     |           | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |
| Dibromofluoromethane (Surr)  | 102       |           | 70 - 130 |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |

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### QC Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

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

**Lab Sample ID: 885-26232-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 28158**

**Client Sample ID: MW-03**  
**Prep Type: Total/NA**

| Analyte                      | Sample Result    | Sample Qualifier | Spike Added   | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|------------------|------------------|---------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Benzene                      | ND               |                  | 20.0          | 22.8       |               | ug/L |   | 114  | 70 - 130    | 3   | 20        |
| Toluene                      | ND               |                  | 20.0          | 19.9       |               | ug/L |   | 99   | 70 - 130    | 4   | 20        |
| <b>MSD MSD</b>               |                  |                  |               |            |               |      |   |      |             |     |           |
| <b>Surrogate</b>             | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |            |               |      |   |      |             |     |           |
| 1,2-Dichloroethane-d4 (Surr) | 102              |                  | 70 - 130      |            |               |      |   |      |             |     |           |
| 4-Bromofluorobenzene (Surr)  | 100              |                  | 70 - 130      |            |               |      |   |      |             |     |           |
| Dibromofluoromethane (Surr)  | 100              |                  | 70 - 130      |            |               |      |   |      |             |     |           |
| Toluene-d8 (Surr)            | 99               |                  | 70 - 130      |            |               |      |   |      |             |     |           |

## QC Association Summary

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

## GC/MS VOA

## Analysis Batch: 27908

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-26232-7     | MW-16              | Total/NA  | Water  | 8260B  |            |
| 885-26232-8     | MW-17              | Total/NA  | Water  | 8260B  |            |
| 885-26232-9     | MW-21              | Total/NA  | Water  | 8260B  |            |
| 885-26232-10    | MW-22              | Total/NA  | Water  | 8260B  |            |
| 885-26232-12    | MW-26              | Total/NA  | Water  | 8260B  |            |
| 885-26232-13    | MW-27              | Total/NA  | Water  | 8260B  |            |
| 885-26232-14    | MW-28              | Total/NA  | Water  | 8260B  |            |
| MB 885-27908/5  | Method Blank       | Total/NA  | Water  | 8260B  |            |
| LCS 885-27908/4 | Lab Control Sample | Total/NA  | Water  | 8260B  |            |

## Analysis Batch: 28116

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-26232-10    | MW-22              | Total/NA  | Water  | 8260B  |            |
| 885-26232-11    | MW-25              | Total/NA  | Water  | 8260B  |            |
| 885-26232-14    | MW-28              | Total/NA  | Water  | 8260B  |            |
| MB 885-28116/4  | Method Blank       | Total/NA  | Water  | 8260B  |            |
| LCS 885-28116/3 | Lab Control Sample | Total/NA  | Water  | 8260B  |            |

## Analysis Batch: 28158

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-26232-1     | MW-03              | Total/NA  | Water  | 8260B  |            |
| 885-26232-2     | MW-07              | Total/NA  | Water  | 8260B  |            |
| 885-26232-3     | MW-04              | Total/NA  | Water  | 8260B  |            |
| 885-26232-4     | MW-09              | Total/NA  | Water  | 8260B  |            |
| 885-26232-5     | MW-10              | Total/NA  | Water  | 8260B  |            |
| 885-26232-6     | MW-11              | Total/NA  | Water  | 8260B  |            |
| MB 885-28158/7  | Method Blank       | Total/NA  | Water  | 8260B  |            |
| LCS 885-28158/6 | Lab Control Sample | Total/NA  | Water  | 8260B  |            |
| 885-26232-1 MS  | MW-03              | Total/NA  | Water  | 8260B  |            |
| 885-26232-1 MSD | MW-03              | Total/NA  | Water  | 8260B  |            |

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### Lab Chronicle

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-03**  
 Date Collected: 06/05/25 13:00  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-1**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 28158        | JP      | EET ALB | 06/12/25 13:28       |

**Client Sample ID: MW-07**  
 Date Collected: 06/05/25 13:50  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-2**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 28158        | JP      | EET ALB | 06/12/25 17:36       |

**Client Sample ID: MW-04**  
 Date Collected: 06/03/25 15:45  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-3**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 28158        | JP      | EET ALB | 06/12/25 18:03       |

**Client Sample ID: MW-09**  
 Date Collected: 06/03/25 15:00  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-4**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 28158        | JP      | EET ALB | 06/12/25 16:13       |

**Client Sample ID: MW-10**  
 Date Collected: 06/05/25 10:30  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-5**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 28158        | JP      | EET ALB | 06/12/25 16:41       |

**Client Sample ID: MW-11**  
 Date Collected: 06/05/25 11:30  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-6**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 28158        | JP      | EET ALB | 06/12/25 17:08       |

**Client Sample ID: MW-16**  
 Date Collected: 06/03/25 12:30  
 Date Received: 06/06/25 06:45

**Lab Sample ID: 885-26232-7**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 27908        | CM      | EET ALB | 06/10/25 09:40       |

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### Lab Chronicle

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Client Sample ID: MW-17**

**Lab Sample ID: 885-26232-8**

Date Collected: 06/03/25 13:20

Matrix: Water

Date Received: 06/06/25 06:45

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 27908        | CM      | EET ALB | 06/10/25 10:05       |

**Client Sample ID: MW-21**

**Lab Sample ID: 885-26232-9**

Date Collected: 06/03/25 10:30

Matrix: Water

Date Received: 06/06/25 06:45

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 27908        | CM      | EET ALB | 06/10/25 10:29       |

**Client Sample ID: MW-22**

**Lab Sample ID: 885-26232-10**

Date Collected: 05/30/25 11:00

Matrix: Water

Date Received: 06/06/25 06:45

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 27908        | CM      | EET ALB | 06/10/25 10:54       |
| Total/NA  | Analysis   | 8260B        |     | 10              | 28116        | RA      | EET ALB | 06/12/25 06:30       |

**Client Sample ID: MW-25**

**Lab Sample ID: 885-26232-11**

Date Collected: 05/30/25 12:15

Matrix: Water

Date Received: 06/06/25 06:45

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 28116        | RA      | EET ALB | 06/12/25 05:34       |

**Client Sample ID: MW-26**

**Lab Sample ID: 885-26232-12**

Date Collected: 05/30/25 15:30

Matrix: Water

Date Received: 06/06/25 06:45

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 27908        | CM      | EET ALB | 06/10/25 11:43       |

**Client Sample ID: MW-27**

**Lab Sample ID: 885-26232-13**

Date Collected: 05/30/25 14:30

Matrix: Water

Date Received: 06/06/25 06:45

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 27908        | CM      | EET ALB | 06/10/25 12:08       |

**Client Sample ID: MW-28**

**Lab Sample ID: 885-26232-14**

Date Collected: 05/30/25 13:30

Matrix: Water

Date Received: 06/06/25 06:45

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 27908        | CM      | EET ALB | 06/10/25 12:32       |
| Total/NA  | Analysis   | 8260B        |     | 20              | 28116        | RA      | EET ALB | 06/12/25 06:58       |

Eurofins Albuquerque

### Lab Chronicle

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

**Laboratory References:**

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

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### Accreditation/Certification Summary

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-26232-1

#### 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        |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| <p>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.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Benzene</td> </tr> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Ethylbenzene</td> </tr> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Toluene</td> </tr> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Xylenes, Total</td> </tr> </tbody> </table> |             |                       |                 | Analysis Method | Prep Method | Matrix | Analyte | 8260B |  | Water | Benzene | 8260B |  | Water | Ethylbenzene | 8260B |  | Water | Toluene | 8260B |  | Water | Xylenes, Total |
| Analysis Method  | Prep Method | Matrix                | Analyte         |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Benzene         |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Ethylbenzene    |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Toluene         |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Xylenes, Total  |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| Oregon   | NELAP       | NM100001              | 02-26-26        |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |

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### Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-26232-1

Login Number: 26232

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 9/10/2025 3:48:00 PM

## JOB DESCRIPTION

Sullivan GC D 1E

## JOB NUMBER

885-32530-1

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  
9/10/2025 3:48:00 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: Sullivan GC D 1E

Laboratory Job ID: 885-32530-1



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## Definitions/Glossary

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

## Qualifiers

## GC/MS VOA

| Qualifier | Qualifier Description             |
|-----------|-----------------------------------|
| P2        | The sample was received with pH>2 |

## 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: Sullivan GC D 1E

Job ID: 885-32530-1

**Job ID: 885-32530-1**

**Eurofins Albuquerque**

## Job Narrative 885-32530-1

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

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

### Receipt

The samples were received on 9/4/2025 7:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

### GC/MS VOA

Method 8260B: The following sample(s) was received unpreserved and presented a pH between 5-8. Analysis was NOT performed within 7 days per EPA recommendation: MW-22 (885-32530-10) .

Method 8260B: The following sample was diluted due to the nature of the sample matrix: MW-04 (885-32530-3). Elevated reporting limits (RLs) are provided.

Method 8260B: The following sample(s) was received unpreserved and presented a pH between 5-8. Analysis was NOT performed within 7 days per EPA recommendation: MW-04 (885-32530-3) .

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: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-03**

**Lab Sample ID: 885-32530-1**

Date Collected: 09/02/25 13:45

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 02:56 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 09/09/25 02:56 | 1       |
| m&p-Xylene     | ND     |           | 1.0 | ug/L |   |          | 09/09/25 02:56 | 1       |
| o-Xylene       | ND     |           | 1.0 | ug/L |   |          | 09/09/25 02:56 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 02:56 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 09/09/25 02:56 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 70 - 130 |          | 09/09/25 02:56 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 70 - 130 |          | 09/09/25 02:56 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 70 - 130 |          | 09/09/25 02:56 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 70 - 130 |          | 09/09/25 02:56 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-07**

**Lab Sample ID: 885-32530-2**

Date Collected: 09/02/25 14:40

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 04:19 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 09/09/25 04:19 | 1       |
| m&p-Xylene     | ND     |           | 1.0 | ug/L |   |          | 09/09/25 04:19 | 1       |
| o-Xylene       | ND     |           | 1.0 | ug/L |   |          | 09/09/25 04:19 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 04:19 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 09/09/25 04:19 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 70 - 130 |          | 09/09/25 04:19 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 70 - 130 |          | 09/09/25 04:19 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 70 - 130 |          | 09/09/25 04:19 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 70 - 130 |          | 09/09/25 04:19 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-04**

**Lab Sample ID: 885-32530-3**

Date Collected: 08/29/25 15:30

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     | P2        | 2.0 | ug/L |   |          | 09/09/25 04:47 | 2       |
| Ethylbenzene   | ND     | P2        | 2.0 | ug/L |   |          | 09/09/25 04:47 | 2       |
| m&p-Xylene     | ND     | P2        | 2.0 | ug/L |   |          | 09/09/25 04:47 | 2       |
| o-Xylene       | ND     | P2        | 2.0 | ug/L |   |          | 09/09/25 04:47 | 2       |
| Toluene        | ND     | P2        | 2.0 | ug/L |   |          | 09/09/25 04:47 | 2       |
| Xylenes, Total | ND     | P2        | 3.0 | ug/L |   |          | 09/09/25 04:47 | 2       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97        | P2        | 70 - 130 |          | 09/09/25 04:47 | 2       |
| Toluene-d8 (Surr)            | 94        | P2        | 70 - 130 |          | 09/09/25 04:47 | 2       |
| 4-Bromofluorobenzene (Surr)  | 97        | P2        | 70 - 130 |          | 09/09/25 04:47 | 2       |
| Dibromofluoromethane (Surr)  | 98        | P2        | 70 - 130 |          | 09/09/25 04:47 | 2       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-09**

**Lab Sample ID: 885-32530-4**

Date Collected: 08/29/25 14:40

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 05:15 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 09/09/25 05:15 | 1       |
| m&p-Xylene     | ND     |           | 1.0 | ug/L |   |          | 09/09/25 05:15 | 1       |
| o-Xylene       | ND     |           | 1.0 | ug/L |   |          | 09/09/25 05:15 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 05:15 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 09/09/25 05:15 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 104       |           | 70 - 130 |          | 09/09/25 05:15 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 70 - 130 |          | 09/09/25 05:15 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 70 - 130 |          | 09/09/25 05:15 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 70 - 130 |          | 09/09/25 05:15 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-10**

**Lab Sample ID: 885-32530-5**

Date Collected: 09/02/25 12:00

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 05:42 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 09/09/25 05:42 | 1       |
| m&p-Xylene     | ND     |           | 1.0 | ug/L |   |          | 09/09/25 05:42 | 1       |
| o-Xylene       | ND     |           | 1.0 | ug/L |   |          | 09/09/25 05:42 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 05:42 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 09/09/25 05:42 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 70 - 130 |          | 09/09/25 05:42 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 70 - 130 |          | 09/09/25 05:42 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 70 - 130 |          | 09/09/25 05:42 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 70 - 130 |          | 09/09/25 05:42 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-11**  
 Date Collected: 09/02/25 12:50  
 Date Received: 09/04/25 07:15

**Lab Sample ID: 885-32530-6**  
 Matrix: Water

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 06:10 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 09/09/25 06:10 | 1       |
| m&p-Xylene     | ND     |           | 1.0 | ug/L |   |          | 09/09/25 06:10 | 1       |
| o-Xylene       | ND     |           | 1.0 | ug/L |   |          | 09/09/25 06:10 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 06:10 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 09/09/25 06:10 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 70 - 130 |          | 09/09/25 06:10 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |          | 09/09/25 06:10 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 70 - 130 |          | 09/09/25 06:10 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 70 - 130 |          | 09/09/25 06:10 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-16**

**Lab Sample ID: 885-32530-7**

Date Collected: 08/29/25 11:30

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 06:37 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 09/09/25 06:37 | 1       |
| m&p-Xylene     | ND     |           | 1.0 | ug/L |   |          | 09/09/25 06:37 | 1       |
| o-Xylene       | ND     |           | 1.0 | ug/L |   |          | 09/09/25 06:37 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 06:37 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 09/09/25 06:37 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 70 - 130 |          | 09/09/25 06:37 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 70 - 130 |          | 09/09/25 06:37 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 70 - 130 |          | 09/09/25 06:37 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 70 - 130 |          | 09/09/25 06:37 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-17**

**Lab Sample ID: 885-32530-8**

Date Collected: 08/29/25 12:25

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 07:04 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 09/09/25 07:04 | 1       |
| m&p-Xylene     | ND     |           | 1.0 | ug/L |   |          | 09/09/25 07:04 | 1       |
| o-Xylene       | ND     |           | 1.0 | ug/L |   |          | 09/09/25 07:04 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 07:04 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 09/09/25 07:04 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 70 - 130 |          | 09/09/25 07:04 | 1       |
| Toluene-d8 (Surr)            | 102       |           | 70 - 130 |          | 09/09/25 07:04 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 70 - 130 |          | 09/09/25 07:04 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 70 - 130 |          | 09/09/25 07:04 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-21**

**Lab Sample ID: 885-32530-9**

Date Collected: 08/28/25 14:30

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 09/08/25 19:35 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 09/08/25 19:35 | 1       |
| m&p-Xylene     | ND     |           | 1.0 | ug/L |   |          | 09/08/25 19:35 | 1       |
| o-Xylene       | ND     |           | 1.0 | ug/L |   |          | 09/08/25 19:35 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 09/08/25 19:35 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 09/08/25 19:35 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 70 - 130 |          | 09/08/25 19:35 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 70 - 130 |          | 09/08/25 19:35 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |          | 09/08/25 19:35 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 70 - 130 |          | 09/08/25 19:35 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-22**

**Lab Sample ID: 885-32530-10**

Date Collected: 08/28/25 10:30

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte               | Result     | Qualifier | RL         | Unit        | D | Prepared | Analyzed              | Dil Fac  |
|-----------------------|------------|-----------|------------|-------------|---|----------|-----------------------|----------|
| Benzene               | 62         | P2        | 1.0        | ug/L        |   |          | 09/08/25 22:20        | 1        |
| Ethylbenzene          | 3.3        | P2        | 1.0        | ug/L        |   |          | 09/08/25 22:20        | 1        |
| m&p-Xylene            | 9.3        | P2        | 1.0        | ug/L        |   |          | 09/08/25 22:20        | 1        |
| o-Xylene              | ND         | P2        | 1.0        | ug/L        |   |          | 09/08/25 22:20        | 1        |
| Toluene               | ND         | P2        | 1.0        | ug/L        |   |          | 09/08/25 22:20        | 1        |
| <b>Xylenes, Total</b> | <b>9.3</b> | <b>P2</b> | <b>1.5</b> | <b>ug/L</b> |   |          | <b>09/08/25 22:20</b> | <b>1</b> |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99        | P2        | 70 - 130 |          | 09/08/25 22:20 | 1       |
| Toluene-d8 (Surr)            | 103       | P2        | 70 - 130 |          | 09/08/25 22:20 | 1       |
| 4-Bromofluorobenzene (Surr)  | 114       | P2        | 70 - 130 |          | 09/08/25 22:20 | 1       |
| Dibromofluoromethane (Surr)  | 101       | P2        | 70 - 130 |          | 09/08/25 22:20 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-25**

**Lab Sample ID: 885-32530-11**

Date Collected: 08/28/25 11:25

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 09/08/25 20:03 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 09/08/25 20:03 | 1       |
| m&p-Xylene     | ND     |           | 1.0 | ug/L |   |          | 09/08/25 20:03 | 1       |
| o-Xylene       | ND     |           | 1.0 | ug/L |   |          | 09/08/25 20:03 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 09/08/25 20:03 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 09/08/25 20:03 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 70 - 130 |          | 09/08/25 20:03 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |          | 09/08/25 20:03 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 70 - 130 |          | 09/08/25 20:03 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 70 - 130 |          | 09/08/25 20:03 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-26**

**Lab Sample ID: 885-32530-12**

Date Collected: 08/28/25 13:35

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 09/08/25 20:30 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 09/08/25 20:30 | 1       |
| m&p-Xylene     | ND     |           | 1.0 | ug/L |   |          | 09/08/25 20:30 | 1       |
| o-Xylene       | ND     |           | 1.0 | ug/L |   |          | 09/08/25 20:30 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 09/08/25 20:30 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 09/08/25 20:30 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 70 - 130 |          | 09/08/25 20:30 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 70 - 130 |          | 09/08/25 20:30 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 70 - 130 |          | 09/08/25 20:30 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 70 - 130 |          | 09/08/25 20:30 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-27**

**Lab Sample ID: 885-32530-13**

Date Collected: 08/28/25 12:45

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 00:38 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 09/09/25 00:38 | 1       |
| m&p-Xylene     | ND     |           | 1.0 | ug/L |   |          | 09/09/25 00:38 | 1       |
| o-Xylene       | ND     |           | 1.0 | ug/L |   |          | 09/09/25 00:38 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 09/09/25 00:38 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 09/09/25 00:38 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 70 - 130 |          | 09/09/25 00:38 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 70 - 130 |          | 09/09/25 00:38 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |          | 09/09/25 00:38 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 70 - 130 |          | 09/09/25 00:38 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-28**

**Lab Sample ID: 885-32530-14**

Date Collected: 08/28/25 12:00

Matrix: Water

Date Received: 09/04/25 07:15

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

| Analyte        | Result | Qualifier | RL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 10 | ug/L |   |          | 09/09/25 01:06 | 10      |
| Ethylbenzene   | 60     |           | 10 | ug/L |   |          | 09/09/25 01:06 | 10      |
| m&p-Xylene     | 640    |           | 10 | ug/L |   |          | 09/09/25 01:06 | 10      |
| o-Xylene       | 59     |           | 10 | ug/L |   |          | 09/09/25 01:06 | 10      |
| Toluene        | ND     |           | 10 | ug/L |   |          | 09/09/25 01:06 | 10      |
| Xylenes, Total | 700    |           | 15 | ug/L |   |          | 09/09/25 01:06 | 10      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 70 - 130 |          | 09/09/25 01:06 | 10      |
| Toluene-d8 (Surr)            | 100       |           | 70 - 130 |          | 09/09/25 01:06 | 10      |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 70 - 130 |          | 09/09/25 01:06 | 10      |
| Dibromofluoromethane (Surr)  | 100       |           | 70 - 130 |          | 09/09/25 01:06 | 10      |

### QC Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

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

Lab Sample ID: MB 885-34205/4  
 Matrix: Water  
 Analysis Batch: 34205

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

| Analyte        | MB Result | MB Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-----|------|---|----------|----------------|---------|
| Benzene        | ND        |              | 1.0 | ug/L |   |          | 09/08/25 12:09 | 1       |
| Ethylbenzene   | ND        |              | 1.0 | ug/L |   |          | 09/08/25 12:09 | 1       |
| m&p-Xylene     | ND        |              | 1.0 | ug/L |   |          | 09/08/25 12:09 | 1       |
| o-Xylene       | ND        |              | 1.0 | ug/L |   |          | 09/08/25 12:09 | 1       |
| Toluene        | ND        |              | 1.0 | ug/L |   |          | 09/08/25 12:09 | 1       |
| Xylenes, Total | ND        |              | 1.5 | ug/L |   |          | 09/08/25 12:09 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 98           |              | 70 - 130 |          | 09/08/25 12:09 | 1       |
| Toluene-d8 (Surr)            | 103          |              | 70 - 130 |          | 09/08/25 12:09 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99           |              | 70 - 130 |          | 09/08/25 12:09 | 1       |
| Dibromofluoromethane (Surr)  | 101          |              | 70 - 130 |          | 09/08/25 12:09 | 1       |

Lab Sample ID: LCS 885-34205/3  
 Matrix: Water  
 Analysis Batch: 34205

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Benzene | 20.0        | 22.1       |               | ug/L |   | 111  | 70 - 130    |
| Toluene | 20.0        | 21.9       |               | ug/L |   | 109  | 70 - 130    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 99            |               | 70 - 130 |
| Toluene-d8 (Surr)            | 100           |               | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 102           |               | 70 - 130 |
| Dibromofluoromethane (Surr)  | 102           |               | 70 - 130 |

Lab Sample ID: MB 885-34222/4  
 Matrix: Water  
 Analysis Batch: 34222

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

| Analyte        | MB Result | MB Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-----|------|---|----------|----------------|---------|
| Benzene        | ND        |              | 1.0 | ug/L |   |          | 09/09/25 02:01 | 1       |
| Ethylbenzene   | ND        |              | 1.0 | ug/L |   |          | 09/09/25 02:01 | 1       |
| m&p-Xylene     | ND        |              | 1.0 | ug/L |   |          | 09/09/25 02:01 | 1       |
| o-Xylene       | ND        |              | 1.0 | ug/L |   |          | 09/09/25 02:01 | 1       |
| Toluene        | ND        |              | 1.0 | ug/L |   |          | 09/09/25 02:01 | 1       |
| Xylenes, Total | ND        |              | 1.5 | ug/L |   |          | 09/09/25 02:01 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 98           |              | 70 - 130 |          | 09/09/25 02:01 | 1       |
| Toluene-d8 (Surr)            | 100          |              | 70 - 130 |          | 09/09/25 02:01 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98           |              | 70 - 130 |          | 09/09/25 02:01 | 1       |
| Dibromofluoromethane (Surr)  | 96           |              | 70 - 130 |          | 09/09/25 02:01 | 1       |

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### QC Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

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

Lab Sample ID: LCS 885-34222/3  
 Matrix: Water  
 Analysis Batch: 34222

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

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
|                              |             |            |               |      |   |      |             |
| Benzene                      | 20.0        | 22.7       |               | ug/L |   | 114  | 70 - 130    |
| Toluene                      | 20.0        | 22.4       |               | ug/L |   | 112  | 70 - 130    |
| <b>LCS LCS</b>               |             |            |               |      |   |      |             |
| Surrogate                    | %Recovery   | Qualifier  | Limits        |      |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 101         |            | 70 - 130      |      |   |      |             |
| Toluene-d8 (Surr)            | 102         |            | 70 - 130      |      |   |      |             |
| 4-Bromofluorobenzene (Surr)  | 99          |            | 70 - 130      |      |   |      |             |
| Dibromofluoromethane (Surr)  | 102         |            | 70 - 130      |      |   |      |             |

Lab Sample ID: 885-32530-1 MS  
 Matrix: Water  
 Analysis Batch: 34222

Client Sample ID: MW-03  
 Prep Type: Total/NA

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
|                              |               |                  |             |           |              |      |   |      |             |
| Benzene                      | ND            |                  | 20.0        | 22.2      |              | ug/L |   | 111  | 70 - 130    |
| Toluene                      | ND            |                  | 20.0        | 21.5      |              | ug/L |   | 107  | 70 - 130    |
| <b>MS MS</b>                 |               |                  |             |           |              |      |   |      |             |
| Surrogate                    | %Recovery     | Qualifier        | Limits      |           |              |      |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 102           |                  | 70 - 130    |           |              |      |   |      |             |
| Toluene-d8 (Surr)            | 100           |                  | 70 - 130    |           |              |      |   |      |             |
| 4-Bromofluorobenzene (Surr)  | 99            |                  | 70 - 130    |           |              |      |   |      |             |
| Dibromofluoromethane (Surr)  | 104           |                  | 70 - 130    |           |              |      |   |      |             |

Lab Sample ID: 885-32530-1 MSD  
 Matrix: Water  
 Analysis Batch: 34222

Client Sample ID: MW-03  
 Prep Type: Total/NA

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD |       |
|------------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-------|
|                              |               |                  |             |            |               |      |   |      |             | RPD | Limit |
| Benzene                      | ND            |                  | 20.0        | 21.2       |               | ug/L |   | 106  | 70 - 130    | 5   | 20    |
| Toluene                      | ND            |                  | 20.0        | 20.9       |               | ug/L |   | 104  | 70 - 130    | 3   | 20    |
| <b>MSD MSD</b>               |               |                  |             |            |               |      |   |      |             |     |       |
| Surrogate                    | %Recovery     | Qualifier        | Limits      |            |               |      |   |      |             |     |       |
| 1,2-Dichloroethane-d4 (Surr) | 102           |                  | 70 - 130    |            |               |      |   |      |             |     |       |
| Toluene-d8 (Surr)            | 101           |                  | 70 - 130    |            |               |      |   |      |             |     |       |
| 4-Bromofluorobenzene (Surr)  | 97            |                  | 70 - 130    |            |               |      |   |      |             |     |       |
| Dibromofluoromethane (Surr)  | 101           |                  | 70 - 130    |            |               |      |   |      |             |     |       |

### QC Association Summary

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

#### GC/MS VOA

##### Analysis Batch: 34205

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-32530-9     | MW-21              | Total/NA  | Water  | 8260B  |            |
| 885-32530-10    | MW-22              | Total/NA  | Water  | 8260B  |            |
| 885-32530-11    | MW-25              | Total/NA  | Water  | 8260B  |            |
| 885-32530-12    | MW-26              | Total/NA  | Water  | 8260B  |            |
| 885-32530-13    | MW-27              | Total/NA  | Water  | 8260B  |            |
| 885-32530-14    | MW-28              | Total/NA  | Water  | 8260B  |            |
| MB 885-34205/4  | Method Blank       | Total/NA  | Water  | 8260B  |            |
| LCS 885-34205/3 | Lab Control Sample | Total/NA  | Water  | 8260B  |            |

##### Analysis Batch: 34222

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-32530-1     | MW-03              | Total/NA  | Water  | 8260B  |            |
| 885-32530-2     | MW-07              | Total/NA  | Water  | 8260B  |            |
| 885-32530-3     | MW-04              | Total/NA  | Water  | 8260B  |            |
| 885-32530-4     | MW-09              | Total/NA  | Water  | 8260B  |            |
| 885-32530-5     | MW-10              | Total/NA  | Water  | 8260B  |            |
| 885-32530-6     | MW-11              | Total/NA  | Water  | 8260B  |            |
| 885-32530-7     | MW-16              | Total/NA  | Water  | 8260B  |            |
| 885-32530-8     | MW-17              | Total/NA  | Water  | 8260B  |            |
| MB 885-34222/4  | Method Blank       | Total/NA  | Water  | 8260B  |            |
| LCS 885-34222/3 | Lab Control Sample | Total/NA  | Water  | 8260B  |            |
| 885-32530-1 MS  | MW-03              | Total/NA  | Water  | 8260B  |            |
| 885-32530-1 MSD | MW-03              | Total/NA  | Water  | 8260B  |            |

### Lab Chronicle

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-03**  
 Date Collected: 09/02/25 13:45  
 Date Received: 09/04/25 07:15

**Lab Sample ID: 885-32530-1**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34222        | JP      | EET ALB | 09/09/25 02:56       |

**Client Sample ID: MW-07**  
 Date Collected: 09/02/25 14:40  
 Date Received: 09/04/25 07:15

**Lab Sample ID: 885-32530-2**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34222        | JP      | EET ALB | 09/09/25 04:19       |

**Client Sample ID: MW-04**  
 Date Collected: 08/29/25 15:30  
 Date Received: 09/04/25 07:15

**Lab Sample ID: 885-32530-3**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 2               | 34222        | JP      | EET ALB | 09/09/25 04:47       |

**Client Sample ID: MW-09**  
 Date Collected: 08/29/25 14:40  
 Date Received: 09/04/25 07:15

**Lab Sample ID: 885-32530-4**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34222        | JP      | EET ALB | 09/09/25 05:15       |

**Client Sample ID: MW-10**  
 Date Collected: 09/02/25 12:00  
 Date Received: 09/04/25 07:15

**Lab Sample ID: 885-32530-5**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34222        | JP      | EET ALB | 09/09/25 05:42       |

**Client Sample ID: MW-11**  
 Date Collected: 09/02/25 12:50  
 Date Received: 09/04/25 07:15

**Lab Sample ID: 885-32530-6**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34222        | JP      | EET ALB | 09/09/25 06:10       |

**Client Sample ID: MW-16**  
 Date Collected: 08/29/25 11:30  
 Date Received: 09/04/25 07:15

**Lab Sample ID: 885-32530-7**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34222        | JP      | EET ALB | 09/09/25 06:37       |

Eurofins Albuquerque

### Lab Chronicle

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

**Client Sample ID: MW-17**

**Lab Sample ID: 885-32530-8**

Date Collected: 08/29/25 12:25

Matrix: Water

Date Received: 09/04/25 07:15

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34222        | JP      | EET ALB | 09/09/25 07:04       |

**Client Sample ID: MW-21**

**Lab Sample ID: 885-32530-9**

Date Collected: 08/28/25 14:30

Matrix: Water

Date Received: 09/04/25 07:15

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34205        | JP      | EET ALB | 09/08/25 19:35       |

**Client Sample ID: MW-22**

**Lab Sample ID: 885-32530-10**

Date Collected: 08/28/25 10:30

Matrix: Water

Date Received: 09/04/25 07:15

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34205        | JP      | EET ALB | 09/08/25 22:20       |

**Client Sample ID: MW-25**

**Lab Sample ID: 885-32530-11**

Date Collected: 08/28/25 11:25

Matrix: Water

Date Received: 09/04/25 07:15

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34205        | JP      | EET ALB | 09/08/25 20:03       |

**Client Sample ID: MW-26**

**Lab Sample ID: 885-32530-12**

Date Collected: 08/28/25 13:35

Matrix: Water

Date Received: 09/04/25 07:15

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34205        | JP      | EET ALB | 09/08/25 20:30       |

**Client Sample ID: MW-27**

**Lab Sample ID: 885-32530-13**

Date Collected: 08/28/25 12:45

Matrix: Water

Date Received: 09/04/25 07:15

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 34205        | JP      | EET ALB | 09/09/25 00:38       |

**Client Sample ID: MW-28**

**Lab Sample ID: 885-32530-14**

Date Collected: 08/28/25 12:00

Matrix: Water

Date Received: 09/04/25 07:15

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 10              | 34205        | JP      | EET ALB | 09/09/25 01:06       |

**Laboratory References:**

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

Eurofins Albuquerque

### Accreditation/Certification Summary

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-32530-1

#### 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        |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |            |       |  |       |          |       |  |       |         |       |  |       |                |
| <p>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.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Benzene</td> </tr> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Ethylbenzene</td> </tr> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>m&amp;p-Xylene</td> </tr> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>o-Xylene</td> </tr> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Toluene</td> </tr> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Xylenes, Total</td> </tr> </tbody> </table> |             |                       |                 | Analysis Method | Prep Method | Matrix | Analyte | 8260B |  | Water | Benzene | 8260B |  | Water | Ethylbenzene | 8260B |  | Water | m&p-Xylene | 8260B |  | Water | o-Xylene | 8260B |  | Water | Toluene | 8260B |  | Water | Xylenes, Total |
| Analysis Method  | Prep Method | Matrix                | Analyte         |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |            |       |  |       |          |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Benzene         |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |            |       |  |       |          |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Ethylbenzene    |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |            |       |  |       |          |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | m&p-Xylene      |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |            |       |  |       |          |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | o-Xylene        |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |            |       |  |       |          |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Toluene         |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |            |       |  |       |          |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Xylenes, Total  |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |            |       |  |       |          |       |  |       |         |       |  |       |                |
| Oregon   | NELAP       | NM100001              | 02-26-26        |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |            |       |  |       |          |       |  |       |         |       |  |       |                |



### Chain-of-Custody Record

Client: Hilcorp Farmington NM  
 Mailing Address: 382 Road 3100 Aztec, NM 87410  
 Billing Address: PO Box 61529 Houston, TX 77208  
 Phone #: 505-486-9543  
 email or Fax#: [Brandon.Sinclair@hilcorp.com](mailto: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: Sullivan GC D 1E



www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107  
 885-32590 COC

#### Analysis Request

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|------|------|--------|-------------|----------------------|-------------------|----------|
| 9-2  | 1345 | H2O    | MW-03       | (3) 40ml VOA         | HCL/Cool          |          |
| 9-2  | 1440 | H2O    | MW-07       | (3) 40ml VOA         | HCL/Cool          |          |
| 8-29 | 1530 | H2O    | MW-04       | (3) 40ml VOA         | HCL/Cool          |          |
| 8-29 | 1740 | H2O    | MW-09       | (3) 40ml VOA         | HCL/Cool          |          |
| 9-2  | 1200 | H2O    | MW-10       | (3) 40ml VOA         | HCL/Cool          |          |
| 9-2  | 1250 | H2O    | MW-11       | (3) 40ml VOA         | HCL/Cool          |          |
| 8-29 | 1130 | H2O    | MW-16       | (3) 40ml VOA         | HCL/Cool          |          |
| 8-29 | 1225 | H2O    | MW-17       | (3) 40ml VOA         | HCL/Cool          |          |
| 8-28 | 1430 | H2O    | MW-21       | (3) 40ml VOA         | HCL/Cool          |          |
| 8-28 | 1030 | H2O    | MW-22       | (3) 40ml VOA         | HCL/Cool          |          |
| 8-28 | 1125 | H2O    | MW-25       | (3) 40ml VOA         | HCL/Cool          |          |
| 8-28 | 1335 | H2O    | MW-26       | (3) 40ml VOA         | HCL/Cool          |          |
| 8-28 | 1245 | H2O    | MW-27       | (3) 40ml VOA         | HCL/Cool          |          |
| 8-28 | 1200 | H2O    | MW-28       | (3) 40ml VOA         | HCL/Cool          |          |

BTEX 8260B

Project Manager: *Mitch Killough*

Sampler: *Brandon Sinclair*

On Ice:  Yes  No

# of Coolers: *1*

Cooler Temp (including CF): *19-0.2 = 1.7*

Relinquished by: *Yh Lind* Date: *9/3/25 1210*  
 Relinquished by: *Mitch Wales* Date: *9/3/25 1800*  
 Received by: *Mitch Wales* Date: *9/3/25 1210*  
 Received by: *Covix Labs 7:15* Date: \_\_\_\_\_  
 Remarks: \*Dissolved Mn and Fe are to be filtered and preserved in the lab.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.



### Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-32530-1

**Login Number: 32530**

**List Source: Eurofins Albuquerque**

**List Number: 1**

**Creator: Casarrubias, Tracy**

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



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mitch Killough  
Hilcorp Energy  
PO BOX 4700  
Farmington, New Mexico 87499  
Generated 1/30/2026 11:18:03 AM

## JOB DESCRIPTION

Sullivan GC D 1E

## JOB NUMBER

885-41962-1

Eurofins Albuquerque  
4901 Hawkins NE  
Albuquerque NM 87109



# Eurofins Albuquerque

## Job Notes

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

## Authorization



Generated  
1/30/2026 11:18:03 AM

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: Sullivan GC D 1E

Laboratory Job ID: 885-41962-1

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## Definitions/Glossary

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

## Qualifiers

## GC/MS VOA

| Qualifier | Qualifier Description             |
|-----------|-----------------------------------|
| P2        | The sample was received with pH>2 |

## 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: Sullivan GC D 1E

Job ID: 885-41962-1

**Job ID: 885-41962-1**

**Eurofins Albuquerque**

## Job Narrative 885-41962-1

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

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

### Receipt

The samples were received on 1/23/2026 7:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C.

### GC/MS VOA

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

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### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-03**

**Lab Sample ID: 885-41962-1**

Date Collected: 01/21/26 12:30

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 01:08 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 01/29/26 01:08 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 01:08 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 01/29/26 01:08 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96        |           | 70 - 130 |          | 01/29/26 01:08 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 70 - 130 |          | 01/29/26 01:08 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 70 - 130 |          | 01/29/26 01:08 | 1       |
| Toluene-d8 (Surr)            | 106       |           | 70 - 130 |          | 01/29/26 01:08 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-07**

**Lab Sample ID: 885-41962-2**

Date Collected: 01/21/26 13:30

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 02:32 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 01/29/26 02:32 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 02:32 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 01/29/26 02:32 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 70 - 130 |          | 01/29/26 02:32 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 70 - 130 |          | 01/29/26 02:32 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 70 - 130 |          | 01/29/26 02:32 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 70 - 130 |          | 01/29/26 02:32 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-04**

**Lab Sample ID: 885-41962-3**

Date Collected: 01/21/26 10:00

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     | P2        | 2.0 | ug/L |   |          | 01/29/26 03:00 | 2       |
| Ethylbenzene   | ND     | P2        | 2.0 | ug/L |   |          | 01/29/26 03:00 | 2       |
| Toluene        | ND     | P2        | 2.0 | ug/L |   |          | 01/29/26 03:00 | 2       |
| Xylenes, Total | ND     | P2        | 3.0 | ug/L |   |          | 01/29/26 03:00 | 2       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96        |           | 70 - 130 |          | 01/29/26 03:00 | 2       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |          | 01/29/26 03:00 | 2       |
| Dibromofluoromethane (Surr)  | 97        |           | 70 - 130 |          | 01/29/26 03:00 | 2       |
| Toluene-d8 (Surr)            | 107       |           | 70 - 130 |          | 01/29/26 03:00 | 2       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-09**

**Lab Sample ID: 885-41962-4**

Date Collected: 01/21/26 09:15

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 03:28 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 01/29/26 03:28 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 03:28 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 01/29/26 03:28 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 94        |           | 70 - 130 |          | 01/29/26 03:28 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 70 - 130 |          | 01/29/26 03:28 | 1       |
| Dibromofluoromethane (Surr)  | 94        |           | 70 - 130 |          | 01/29/26 03:28 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 70 - 130 |          | 01/29/26 03:28 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-10**

**Lab Sample ID: 885-41962-5**

Date Collected: 01/21/26 11:00

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 03:55 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 01/29/26 03:55 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 03:55 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 01/29/26 03:55 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96        |           | 70 - 130 |          | 01/29/26 03:55 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 70 - 130 |          | 01/29/26 03:55 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 70 - 130 |          | 01/29/26 03:55 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 70 - 130 |          | 01/29/26 03:55 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-11**  
 Date Collected: 01/21/26 11:50  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-6**  
 Matrix: Water

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

| Analyte                      | Result    | Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene                      | ND        |           | 1.0      | ug/L |   |          | 01/29/26 04:23 | 1       |
| Ethylbenzene                 | ND        |           | 1.0      | ug/L |   |          | 01/29/26 04:23 | 1       |
| Toluene                      | ND        |           | 1.0      | ug/L |   |          | 01/29/26 04:23 | 1       |
| Xylenes, Total               | ND        |           | 1.5      | ug/L |   |          | 01/29/26 04:23 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 70 - 130 |      |   |          | 01/29/26 04:23 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 70 - 130 |      |   |          | 01/29/26 04:23 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 70 - 130 |      |   |          | 01/29/26 04:23 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 70 - 130 |      |   |          | 01/29/26 04:23 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-16**

**Lab Sample ID: 885-41962-7**

Date Collected: 01/20/26 15:00

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 04:51 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 01/29/26 04:51 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 04:51 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 01/29/26 04:51 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 94        |           | 70 - 130 |          | 01/29/26 04:51 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 70 - 130 |          | 01/29/26 04:51 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 70 - 130 |          | 01/29/26 04:51 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 70 - 130 |          | 01/29/26 04:51 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-17**

**Lab Sample ID: 885-41962-8**

Date Collected: 01/20/26 15:40

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 05:19 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 01/29/26 05:19 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 05:19 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 01/29/26 05:19 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96        |           | 70 - 130 |          | 01/29/26 05:19 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 70 - 130 |          | 01/29/26 05:19 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 70 - 130 |          | 01/29/26 05:19 | 1       |
| Toluene-d8 (Surr)            | 105       |           | 70 - 130 |          | 01/29/26 05:19 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-21**

**Lab Sample ID: 885-41962-9**

Date Collected: 01/20/26 13:20

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 05:47 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 01/29/26 05:47 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 05:47 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 01/29/26 05:47 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 70 - 130 |          | 01/29/26 05:47 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |          | 01/29/26 05:47 | 1       |
| Dibromofluoromethane (Surr)  | 99        |           | 70 - 130 |          | 01/29/26 05:47 | 1       |
| Toluene-d8 (Surr)            | 103       |           | 70 - 130 |          | 01/29/26 05:47 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-22**

**Lab Sample ID: 885-41962-10**

Date Collected: 01/20/26 09:00

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     | P2        | 2.0 | ug/L |   |          | 01/29/26 06:15 | 2       |
| Ethylbenzene   | ND     | P2        | 2.0 | ug/L |   |          | 01/29/26 06:15 | 2       |
| Toluene        | ND     | P2        | 2.0 | ug/L |   |          | 01/29/26 06:15 | 2       |
| Xylenes, Total | ND     | P2        | 3.0 | ug/L |   |          | 01/29/26 06:15 | 2       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 94        |           | 70 - 130 |          | 01/29/26 06:15 | 2       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 70 - 130 |          | 01/29/26 06:15 | 2       |
| Dibromofluoromethane (Surr)  | 96        |           | 70 - 130 |          | 01/29/26 06:15 | 2       |
| Toluene-d8 (Surr)            | 106       |           | 70 - 130 |          | 01/29/26 06:15 | 2       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-25**

**Lab Sample ID: 885-41962-11**

Date Collected: 01/20/26 12:30

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 06:43 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 01/29/26 06:43 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 06:43 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 01/29/26 06:43 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 94        |           | 70 - 130 |          | 01/29/26 06:43 | 1       |
| 4-Bromofluorobenzene (Surr)  | 104       |           | 70 - 130 |          | 01/29/26 06:43 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 70 - 130 |          | 01/29/26 06:43 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 70 - 130 |          | 01/29/26 06:43 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-26**

**Lab Sample ID: 885-41962-12**

Date Collected: 01/20/26 11:40

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 07:11 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 01/29/26 07:11 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 07:11 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 01/29/26 07:11 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 70 - 130 |          | 01/29/26 07:11 | 1       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 70 - 130 |          | 01/29/26 07:11 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 70 - 130 |          | 01/29/26 07:11 | 1       |
| Toluene-d8 (Surr)            | 106       |           | 70 - 130 |          | 01/29/26 07:11 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-27**

**Lab Sample ID: 885-41962-13**

Date Collected: 01/20/26 10:45

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte        | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 07:39 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 01/29/26 07:39 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 07:39 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 01/29/26 07:39 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 98        |           | 70 - 130 |          | 01/29/26 07:39 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |          | 01/29/26 07:39 | 1       |
| Dibromofluoromethane (Surr)  | 98        |           | 70 - 130 |          | 01/29/26 07:39 | 1       |
| Toluene-d8 (Surr)            | 104       |           | 70 - 130 |          | 01/29/26 07:39 | 1       |

### Client Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-28**

**Lab Sample ID: 885-41962-14**

Date Collected: 01/20/26 10:00

Matrix: Water

Date Received: 01/23/26 07:05

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

| Analyte               | Result     | Qualifier | RL | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------|------------|-----------|----|------|---|----------|----------------|---------|
| Benzene               | ND         |           | 10 | ug/L |   |          | 01/29/26 08:07 | 10      |
| <b>Ethylbenzene</b>   | <b>86</b>  |           | 10 | ug/L |   |          | 01/29/26 08:07 | 10      |
| Toluene               | ND         |           | 10 | ug/L |   |          | 01/29/26 08:07 | 10      |
| <b>Xylenes, Total</b> | <b>580</b> |           | 15 | ug/L |   |          | 01/29/26 08:07 | 10      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97        |           | 70 - 130 |          | 01/29/26 08:07 | 10      |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 70 - 130 |          | 01/29/26 08:07 | 10      |
| Dibromofluoromethane (Surr)  | 97        |           | 70 - 130 |          | 01/29/26 08:07 | 10      |
| Toluene-d8 (Surr)            | 102       |           | 70 - 130 |          | 01/29/26 08:07 | 10      |

### QC Sample Results

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

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

Lab Sample ID: MB 885-42144/4  
 Matrix: Water  
 Analysis Batch: 42144

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

| Analyte        | MB     | MB        | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
|                | Result | Qualifier |     |      |   |          |                |         |
| Benzene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 00:12 | 1       |
| Ethylbenzene   | ND     |           | 1.0 | ug/L |   |          | 01/29/26 00:12 | 1       |
| Toluene        | ND     |           | 1.0 | ug/L |   |          | 01/29/26 00:12 | 1       |
| Xylenes, Total | ND     |           | 1.5 | ug/L |   |          | 01/29/26 00:12 | 1       |

| Surrogate                    | MB        | MB        | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
|                              | %Recovery | Qualifier |          |          |                |         |
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 70 - 130 |          | 01/29/26 00:12 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 70 - 130 |          | 01/29/26 00:12 | 1       |
| Dibromofluoromethane (Surr)  | 94        |           | 70 - 130 |          | 01/29/26 00:12 | 1       |
| Toluene-d8 (Surr)            | 106       |           | 70 - 130 |          | 01/29/26 00:12 | 1       |

Lab Sample ID: LCS 885-42144/3  
 Matrix: Water  
 Analysis Batch: 42144

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

| Analyte | Spike Added | LCS    | LCS       | Unit | D | %Rec | %Rec Limits |
|---------|-------------|--------|-----------|------|---|------|-------------|
|         |             | Result | Qualifier |      |   |      |             |
| Benzene | 20.0        | 20.0   |           | ug/L |   | 100  | 70 - 130    |
| Toluene | 20.0        | 22.3   |           | ug/L |   | 112  | 70 - 130    |

| Surrogate                    | LCS       | LCS       | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 1,2-Dichloroethane-d4 (Surr) | 94        |           | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |
| Dibromofluoromethane (Surr)  | 95        |           | 70 - 130 |
| Toluene-d8 (Surr)            | 105       |           | 70 - 130 |

Lab Sample ID: 885-41962-1 MS  
 Matrix: Water  
 Analysis Batch: 42144

Client Sample ID: MW-03  
 Prep Type: Total/NA

| Analyte | Sample | Sample    | Spike Added | MS     | MS        | Unit | D | %Rec | %Rec Limits |
|---------|--------|-----------|-------------|--------|-----------|------|---|------|-------------|
|         | Result | Qualifier |             | Result | Qualifier |      |   |      |             |
| Benzene | ND     |           | 20.0        | 17.8   |           | ug/L |   | 88   | 70 - 130    |
| Toluene | ND     |           | 20.0        | 19.5   |           | ug/L |   | 98   | 70 - 130    |

| Surrogate                    | MS        | MS        | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 1,2-Dichloroethane-d4 (Surr) | 93        |           | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 70 - 130 |
| Dibromofluoromethane (Surr)  | 95        |           | 70 - 130 |
| Toluene-d8 (Surr)            | 105       |           | 70 - 130 |

Lab Sample ID: 885-41962-1 MSD  
 Matrix: Water  
 Analysis Batch: 42144

Client Sample ID: MW-03  
 Prep Type: Total/NA

| Analyte | Sample | Sample    | Spike Added | MSD    | MSD       | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|--------|-----------|-------------|--------|-----------|------|---|------|-------------|-----|-----------|
|         | Result | Qualifier |             | Result | Qualifier |      |   |      |             |     |           |
| Benzene | ND     |           | 20.0        | 16.0   |           | ug/L |   | 79   | 70 - 130    | 11  | 20        |
| Toluene | ND     |           | 20.0        | 17.8   |           | ug/L |   | 89   | 70 - 130    | 9   | 20        |

Eurofins Albuquerque

### QC Sample Results

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

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

Lab Sample ID: 885-41962-1 MSD

Client Sample ID: MW-03

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 42144

| Surrogate                    | MSD       |           | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 70 - 130 |
| Dibromofluoromethane (Surr)  | 95        |           | 70 - 130 |
| Toluene-d8 (Surr)            | 108       |           | 70 - 130 |

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### QC Association Summary

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

#### GC/MS VOA

#### Analysis Batch: 42144

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-41962-1     | MW-03              | Total/NA  | Water  | 8260B  |            |
| 885-41962-2     | MW-07              | Total/NA  | Water  | 8260B  |            |
| 885-41962-3     | MW-04              | Total/NA  | Water  | 8260B  |            |
| 885-41962-4     | MW-09              | Total/NA  | Water  | 8260B  |            |
| 885-41962-5     | MW-10              | Total/NA  | Water  | 8260B  |            |
| 885-41962-6     | MW-11              | Total/NA  | Water  | 8260B  |            |
| 885-41962-7     | MW-16              | Total/NA  | Water  | 8260B  |            |
| 885-41962-8     | MW-17              | Total/NA  | Water  | 8260B  |            |
| 885-41962-9     | MW-21              | Total/NA  | Water  | 8260B  |            |
| 885-41962-10    | MW-22              | Total/NA  | Water  | 8260B  |            |
| 885-41962-11    | MW-25              | Total/NA  | Water  | 8260B  |            |
| 885-41962-12    | MW-26              | Total/NA  | Water  | 8260B  |            |
| 885-41962-13    | MW-27              | Total/NA  | Water  | 8260B  |            |
| 885-41962-14    | MW-28              | Total/NA  | Water  | 8260B  |            |
| MB 885-42144/4  | Method Blank       | Total/NA  | Water  | 8260B  |            |
| LCS 885-42144/3 | Lab Control Sample | Total/NA  | Water  | 8260B  |            |
| 885-41962-1 MS  | MW-03              | Total/NA  | Water  | 8260B  |            |
| 885-41962-1 MSD | MW-03              | Total/NA  | Water  | 8260B  |            |

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### Lab Chronicle

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-03**  
 Date Collected: 01/21/26 12:30  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-1**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 42144        | ES      | EET ALB | 01/29/26 01:08       |

**Client Sample ID: MW-07**  
 Date Collected: 01/21/26 13:30  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-2**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 42144        | ES      | EET ALB | 01/29/26 02:32       |

**Client Sample ID: MW-04**  
 Date Collected: 01/21/26 10:00  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-3**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 2               | 42144        | ES      | EET ALB | 01/29/26 03:00       |

**Client Sample ID: MW-09**  
 Date Collected: 01/21/26 09:15  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-4**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 42144        | ES      | EET ALB | 01/29/26 03:28       |

**Client Sample ID: MW-10**  
 Date Collected: 01/21/26 11:00  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-5**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 42144        | ES      | EET ALB | 01/29/26 03:55       |

**Client Sample ID: MW-11**  
 Date Collected: 01/21/26 11:50  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-6**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 42144        | ES      | EET ALB | 01/29/26 04:23       |

**Client Sample ID: MW-16**  
 Date Collected: 01/20/26 15:00  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-7**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 42144        | ES      | EET ALB | 01/29/26 04:51       |

Eurofins Albuquerque

### Lab Chronicle

Client: Hilcorp Energy  
 Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

**Client Sample ID: MW-17**  
 Date Collected: 01/20/26 15:40  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-8**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 42144        | ES      | EET ALB | 01/29/26 05:19       |

**Client Sample ID: MW-21**  
 Date Collected: 01/20/26 13:20  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-9**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 42144        | ES      | EET ALB | 01/29/26 05:47       |

**Client Sample ID: MW-22**  
 Date Collected: 01/20/26 09:00  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-10**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 2               | 42144        | ES      | EET ALB | 01/29/26 06:15       |

**Client Sample ID: MW-25**  
 Date Collected: 01/20/26 12:30  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-11**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 42144        | ES      | EET ALB | 01/29/26 06:43       |

**Client Sample ID: MW-26**  
 Date Collected: 01/20/26 11:40  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-12**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 42144        | ES      | EET ALB | 01/29/26 07:11       |

**Client Sample ID: MW-27**  
 Date Collected: 01/20/26 10:45  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-13**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 1               | 42144        | ES      | EET ALB | 01/29/26 07:39       |

**Client Sample ID: MW-28**  
 Date Collected: 01/20/26 10:00  
 Date Received: 01/23/26 07:05

**Lab Sample ID: 885-41962-14**  
 Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 10              | 42144        | ES      | EET ALB | 01/29/26 08:07       |

**Laboratory References:**

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

Eurofins Albuquerque

### Accreditation/Certification Summary

Client: Hilcorp Energy  
Project/Site: Sullivan GC D 1E

Job ID: 885-41962-1

#### Laboratory: Eurofins Albuquerque

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

| Authority  | Program     | Identification Number | Expiration Date |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
|--|-------------|-----------------------|-----------------|-----------------|-------------|--------|---------|-------|--|-------|---------|-------|--|-------|--------------|-------|--|-------|---------|-------|--|-------|----------------|
| New Mexico   | State       | NM9425                | 02-25-26        |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| <p>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.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Benzene</td> </tr> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Ethylbenzene</td> </tr> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Toluene</td> </tr> <tr> <td>8260B</td> <td></td> <td>Water</td> <td>Xylenes, Total</td> </tr> </tbody> </table> |             |                       |                 | Analysis Method | Prep Method | Matrix | Analyte | 8260B |  | Water | Benzene | 8260B |  | Water | Ethylbenzene | 8260B |  | Water | Toluene | 8260B |  | Water | Xylenes, Total |
| Analysis Method  | Prep Method | Matrix                | Analyte         |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Benzene         |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Ethylbenzene    |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Toluene         |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| 8260B  |             | Water                 | Xylenes, Total  |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |
| Oregon   | NELAP       | NM100001              | 02-25-26        |                 |             |        |         |       |  |       |         |       |  |       |              |       |  |       |         |       |  |       |                |

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**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87110  
Tel. 505-345-3975 Fax 505-345-4107

885-41962 COC

Turn-Around Time: \_\_\_\_\_  
 Standard  Rush  
 Project Name: Sullivan GCD 1E  
 Project #: \_\_\_\_\_

Project Manager: Mitch Killough  
 Sampler: Brandon Sinclair  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CF): 0.570.2.20.7

| Date | Time  | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|------|-------|--------|-------------|----------------------|-------------------|----------|
| 1-21 | 12:30 | H2O    | MW-03       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-21 | 1330  | H2O    | MW-07       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-21 | 1000  | H2O    | MW-04       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-21 | 915   | H2O    | MW-09       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-21 | 1100  | H2O    | MW-10       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-21 | 1150  | H2O    | MW-11       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-20 | 1500  | H2O    | MW-16       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-20 | 1540  | H2O    | MW-17       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-20 | 1320  | H2O    | MW-21       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-20 | 900   | H2O    | MW-22       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-20 | 1230  | H2O    | MW-25       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-20 | 1110  | H2O    | MW-26       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-20 | 1045  | H2O    | MW-27       | (3) 40ml VOA         | HCL/Cool          |          |
| 1-20 | 1000  | H2O    | MW-28       | (3) 40ml VOA         | HCL/Cool          |          |

Relinquished by: Brandon Sinclair Date: 1/22/20 Time: 1340  
 Relinquished by: Brandon Sinclair Date: 1/23/20 Time: 7:05

BTEX 8260B

Remarks: \* Dissolved Mn and Fe are to be filtered and preserved in the lab.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



### Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-41962-1

**Login Number: 41962**

**List Source: Eurofins Albuquerque**

**List Number: 1**

**Creator: Casarrubias, Tracy**

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



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 568748

**CONDITIONS**

|  |  |
|--|--|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171   |
|  | Action Number:<br>568748   |
|  | Action Type:<br>[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT) |

**CONDITIONS**

| Created By | Condition   | Condition Date |
|------------|---|----------------|
| amaxwell   | Report accepted for record. Submit a C-141N for all sampling and monitoring events. | 4/7/2026       |
| amaxwell   | Submit the 2026 annual groundwater report to OCD no later than April 1, 2027.       | 4/7/2026       |