REVIEWED

By Mike Buchanan at 10:36 am, Jun 03, 2024



ENSOLUM

April 24, 2024

Review of the 2024 First Quarter Remediation System Operation and Monitoring Report for Standard #1: Content Satisfactory

- 1. Continue as planned to conduct biweekly or bimonthly sampling events to ensure the DPE system is functioning normally.
- 2. Note any deviations as stated in report.
- 3. Submit next quarterly report to OCD 15 to 30 days after the end of each quarter.

New Mexico Oil Conservation Division

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

Re: 2024 First Quarter – Remediation System Operation and Monitoring Report

Standard #1

San Juan County, New Mexico Hilcorp Energy Company

NMOCD Incident Number: NCS1735235018

Abatement Plan Number: AP-126

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this 2024 First Quarter - Remediation System Operation and Monitoring Report summarizing remediation system performance during the first quarter of 2024 at the Standard #1 (Site, Figure 1). The duration of operation and monitoring activities included in this report is for the period from January 2, 2024 (system startup), through March 21, 2024.

This report was prepared following the approval from the New Mexico Oil Conservation Division (NMOCD) regarding the dual-phase extraction (DPE) remediation system described in the Stage 2 Abatement Plan submitted by LT Environmental, Inc. in September 2019. Although no formal conditions of approval (COAs) have been provided in response to the aforementioned report, this report includes the following information based on COAs issued for similar Sites:

- A summary of remediation activities during the quarter;
- The system run time summary (90% run time typically required);
- Total system flow and vacuum measurements;
- Individual well flow rates, photoionization detector (PID) measurements of volatile organic compounds (VOCs), vacuum measurements, and oxygen/carbon dioxide measurements via hand-held analyzers;
- The petroleum mass removal and fluid product recovery from the remediation system.

Per correspondence with the NMOCD in April 2024, the quarterly remediation summary reports also include data and summaries from groundwater sampling events conducted at the Site during each reporting period. Because groundwater sampling activities have been performed quarterly while the system was being procured and installed, this report summarizes groundwater data gathered between the fourth quarter of 2022 and the first quarter of 2024.

REMEDIATION SYSTEM DESCRIPTION

The remediation system at the Site includes a DPE system which uses a high vacuum rotary claw blower to apply vacuum to remediation wells (MW01, MW02, MW03, MW06, MW10, and MW15) that are connected to the blower via subsurface piping (Figure 2). The extracted air, petroleum

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vapors, and fluids enter a vapor/liquid separator or "knock out" tank. Air and petroleum vapors are passed through the high vacuum extraction blower and discharged to the atmosphere via an exhaust stack. Separated liquid, which includes light non-aqueous phase liquids (LNAPL) and potentially impacted groundwater, is pumped to an aboveground storage tank for storage and offsite disposal. The system layout is depicted on Figure 3.

FIRST QUARTER 2024 OPERATION AND MAINTENANCE

Field data measurements were collected from the system daily for the first week of operation and then weekly thereafter for the remainder of the first quarter of January, February, and March 2024. Regular weekly system operations and maintenance (O&M) activities have been performed through the first quarter of 2024. Field forms completed during O&M visits are presented in Appendix A.

Since startup on January 2, 2024, all Site DPE wells were operated in order to recover LNAPL, draw down the groundwater table, and induce air flow in impacted soil zones. Between January 2 and March 21, 2024, the DPE system operated for 1,872 hours for a runtime efficiency of 99 percent (%). Appendix B presents photographs of the runtime meter for calculating the first quarter 2024 runtime efficiency. Table 1 presents the SVE system operational hours and calculated percent runtime.

During an O&M field visit in January of 2024, it was determined that excess liquid carryover through the knockout tank was occurring, causing recovered liquids to be processed through the blower. In order to minimize risk to the blower, the motor speed was temporarily slowed to decrease vacuum applied to the extraction wells. Additional demister material was added to the inside of the knockout tank and the motor speed was increased in March 2024 to maximize vacuum and associated liquid and vapor recovery. Field measurements collected during O&M events are summarized in Table 2.

Vapor Recovery

Initial influent vapor samples from the DPE system were collected on January 2, January 3, January 4, and January 5, 2024 using a high vacuum air sampling pump on the system inlet, after the manifold assembly, but prior to the liquid knock out tank. Influent vapor samples were collected weekly for the remainder of January and semi-monthly (twice per month) for the remainder of the first quarter of 2024. Samples were collected into 1-Liter Tedlar® bags and submitted to Eurofins Environment Testing (Eurofins) in Albuquerque, New Mexico for analysis of VOCs following United States Environmental Protection Agency (EPA) EPA Method 8260B, total petroleum hydrocarbons (TPH) following EPA Method 8015D, and fixed gas analysis of oxygen and carbon dioxide following Gas Processors Association (GPA) Method 2261. A summary of laboratory analytical results are summarized in Table 3, with complete laboratory analytical reports attached as Appendix C. Graphs 1 and 2 also present oxygen and carbon dioxide levels over time, respectively.

Vapor sample data and measured influent flow rates are used to estimate total mass recovered and total emissions generated by the DPE system (Table 4). Based on these estimates, 5,914 pounds (3.0 tons) of TPH have been removed by the system to date.

Liquid Recovery

Total liquid recovery volumes are measured using a totalizing flow metering device. Since startup of the system on January 2, 2024, through March 21, 2024, approximately 37,795 gallons of liquid have been recovered. The impacted groundwater and recovered LNAPL are emulsified and homogenously commingled enough during extraction that product thickness is unmeasurable in



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the liquid recovery tank. Therefore, the estimated volume of LNAPL recovered is not measurable and not reported. Liquid recovery is summarized in Table 5.

GROUNDWATER MONITORING

Since October 2018, groundwater gauging and sampling activities have been conducted at the Site. Previous to this report, the last summary of groundwater analytical results was presented in the *Executive Summary – November 2022* document prepared by Ensolum and dated November 20, 2022. The *Executive Summary – November 2022* document summarized groundwater sampling activities and data that had been collected at the Site between October 2018 and September 2022. As such, this report summarizes quarterly groundwater sampling activities and data collected from the fourth quarter of 2022 to the first quarter 2024.

Fluid Level Measurements

Prior to purging and sampling, static depth to groundwater and total depth of each monitoring well was measured using an oil/water interface probe. Depth to phase-separated hydrocarbons (PSH, synonyms with LNAPL) was also recorded when present and a correction factor of 0.8 was applied to the calculated groundwater 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, depth to PSH, and calculated groundwater elevations are summarized in Table 6. Potentiometric surface maps were drafted with groundwater elevations and PSH thickness measured during the fourth quarter 2022 through first quarter 2024 quarterly monitoring events (Figures 4 through 9).

In general, the presence of groundwater at the Site is highly variable and no apparent continuous groundwater aquifer has been observed during drilling and/or groundwater monitoring activities. Groundwater flow direction and gradient is generally difficult to interpret, as dry wells often exist around the perimeter of the Site, as well as between wells containing groundwater. Based on historical measurements, groundwater flow direction is variable across the Site, but is generally to the west-northwest.

Groundwater Sampling Activities and Analytical Results

Groundwater samples were collected for laboratory analysis from monitoring wells containing sufficient water to sample and that did not contain measurable PSH. Disposable polyvinyl chloride (PVC) bailers were used to collect groundwater samples due to limited water volume within several of the monitoring wells. Prior to collecting groundwater samples, Hilcorp purged a minimum of three casing volumes or until the well was bailed dry to ensure water from the adjacent formation, representative of actual aquifer conditions, was sampled. If a well was purged dry, the well was allowed to recharge before samples were collected. Water quality parameters including pH, electrical conductivity, and temperature were measured in each well using a multi-probe water quality field meter during purging.

Groundwater samples were collected into laboratory provided sample bottles and immediately placed on ice for preservation. Samples were submitted to Hall Environmental Analysis Laboratory (Hall) and/or Eurofins (formerly Hall) for analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX). A summary of groundwater analytical results is presented in Table 7 and on Figure 10, with complete laboratory analytical reports attached as Appendix D.



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DISCUSSIONS AND RECOMMENDATIONS

Bi-weekly (every other week) to monthly O&M visits and bi-monthly (every other month) sampling events will be performed by Ensolum and/or Hilcorp personnel to ensure the DPE system is operating within normal working ranges (i.e., temperature, pressure, and vacuum). Deviations from regular operations will be noted on field logs and included in the following quarterly report.

Reporting

Updated remediation reports will be prepared and submitted to the NMOCD on a quarterly basis within 15 days following the end of the quarter and will contain the following:

- A summary of remediation and monitoring activities during the period;
- System run-time summary;
- Petroleum hydrocarbon mass removal and fluid recovery from the remediation system;
- DPE volume liquid removal; and
- Groundwater monitoring results, when applicable.

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

Sincerely, **Ensolum**, **LLC**

Stuart Hyde Senior Managing Geologist (970) 903-1607 shyde@ensolum.com Daniel R. Moir Senior Managing Geologist (303) 887-2946 dmoir@ensolum.com

Attachments:

| Figure 1 | Site Location Map |
|-----------|-------------------------------------|
| Figure 2 | Site Features |
| Figure 3 | Dual Phase Extraction System Layout |
| Figure 4 | Groundwater Elevation Map – Q4 2022 |
| Figure 5 | Groundwater Elevation Map – Q1 2023 |
| Figure 6 | Groundwater Elevation Map – Q2 2023 |
| Figure 7 | Groundwater Elevation Map – Q3 2023 |
| Figure 8 | Groundwater Elevation Map – Q4 2023 |
| Figure 9 | Groundwater Elevation Map – Q1 2024 |
| Figure 10 | Groundwater Analytical Results |



Hilcorp Energy Company 2024 First Quarter – Remediation System Operation and Monitoring Report Standard #1

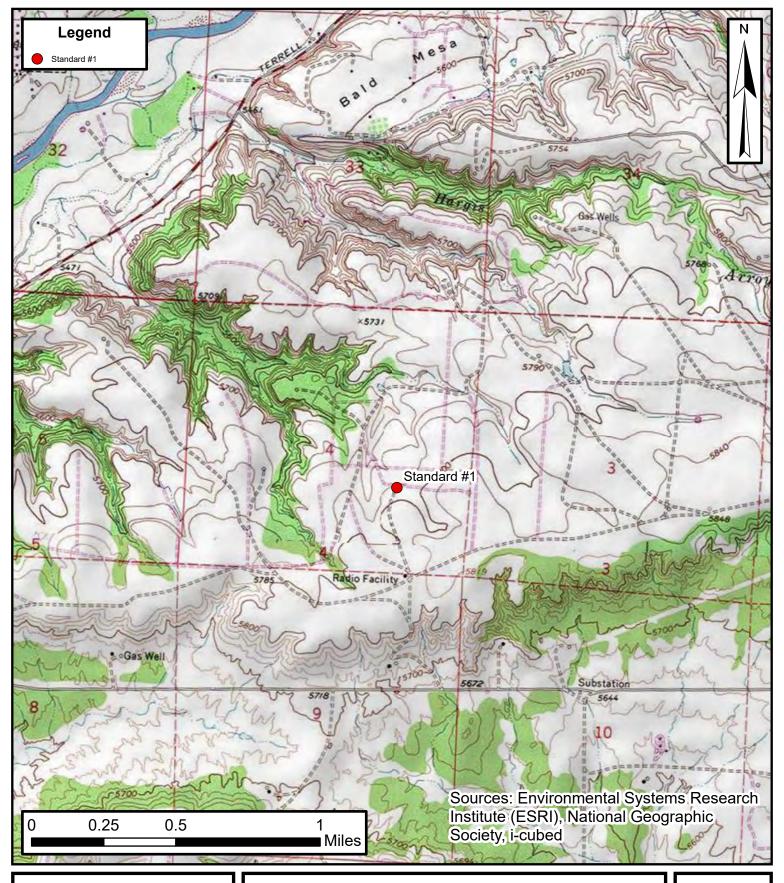
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| Table 1 Table 2 Table 3 Table 4 Table 5 Table 6 Table 7 | Dual Phase Extraction System Runtime Calculations Dual Phase Extraction System Field Measurements Dual Phase Extraction System Emissions Analytical Results Dual Phase Extraction System Mass Removal and Emissions Liquid Recovery Groundwater Elevation Groundwater Analytical Results |
|---|--|
| Graph 1 Graph 2 | O_2 vs. Time CO_2 vs. Time |
| Appendix A Appendix B Appendix C Appendix D | O&M Field Notes Project Photographs DPE Laboratory Analytical Reports Groundwater Laboratory Analytical Reports |





Figures



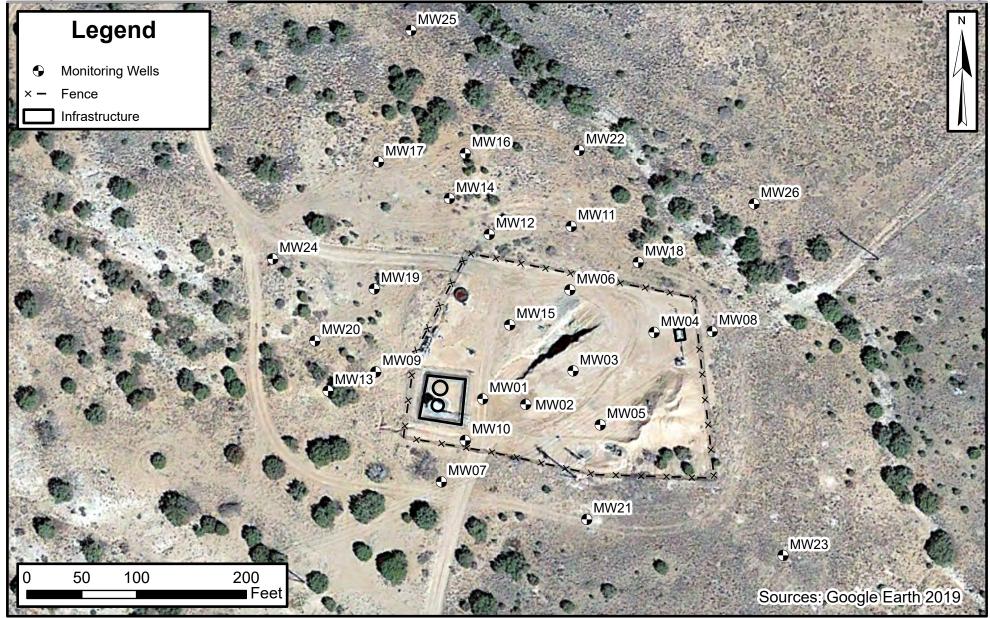


Site Location Map

Standard #1 Hilcorp Energy Company

36.75285, -108.099744 San Juan County, New Mexico **FIGURE**

1

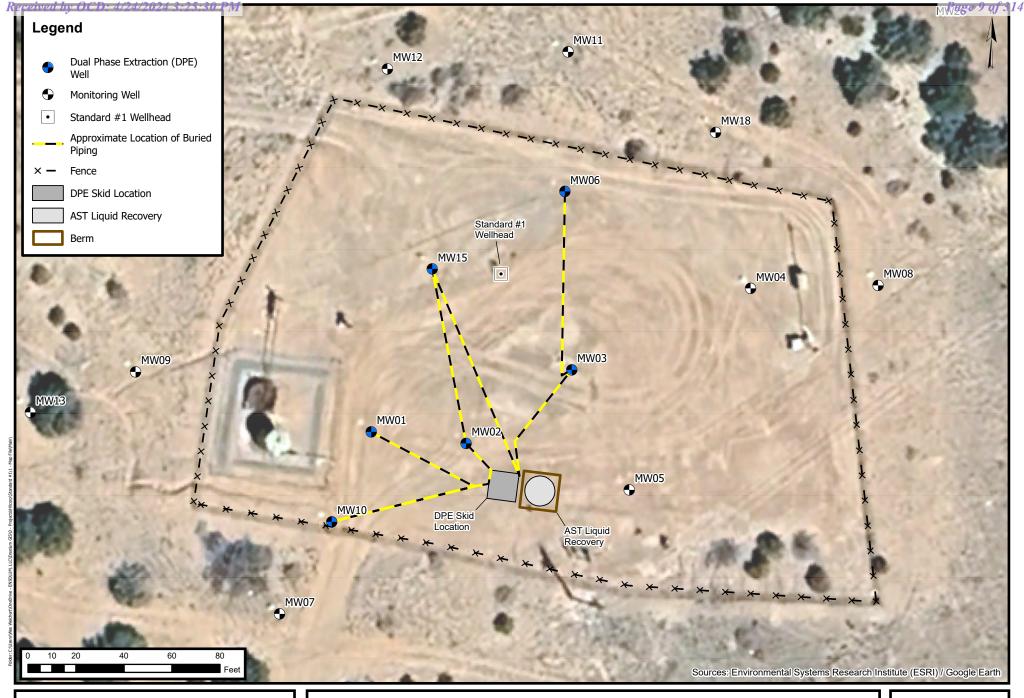




Site Features

Standard #1 Hilcorp Energy Company

36.75285, -108.099744 San Juan County, New Mexico FIGURE 2

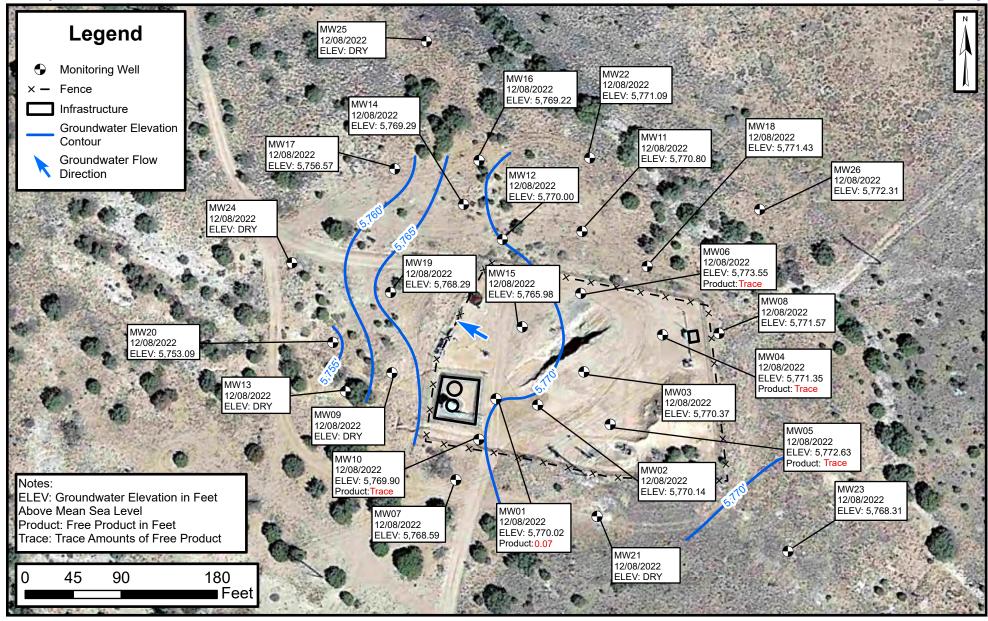




Dual Phase Extraction System Layout
Standard #1
Hilcorp Energy Company

36.75285, -108.099744 San Juan County, New Mexico **FIGURE**

3

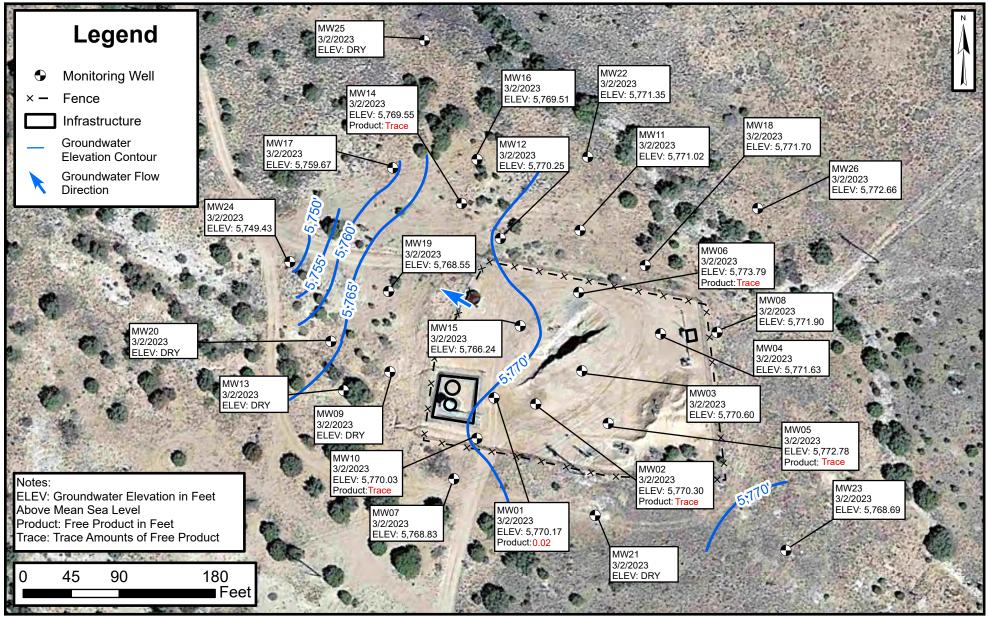




Groundwater Elevation Map - Q4 2022

Standard #1 Hilcorp Energy Company

36.75285, -108.099744 San Juan County, New Mexico FIGURE

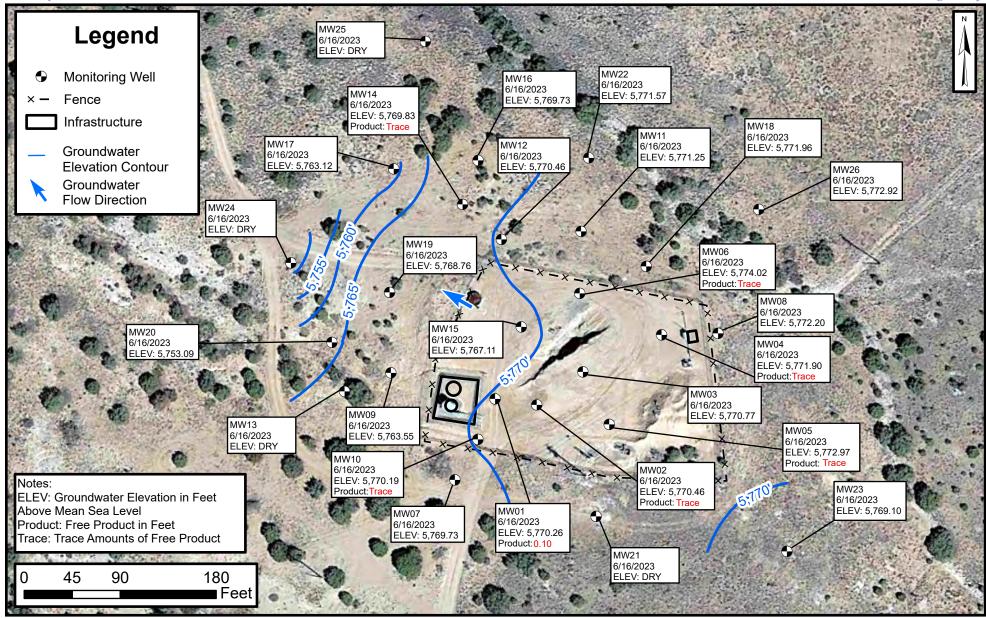




Groundwater Elevation Map - Q1 2023

Standard #1 Hilcorp Energy Company

36.75285, -108.099744 San Juan County, New Mexico FIGURE **5**



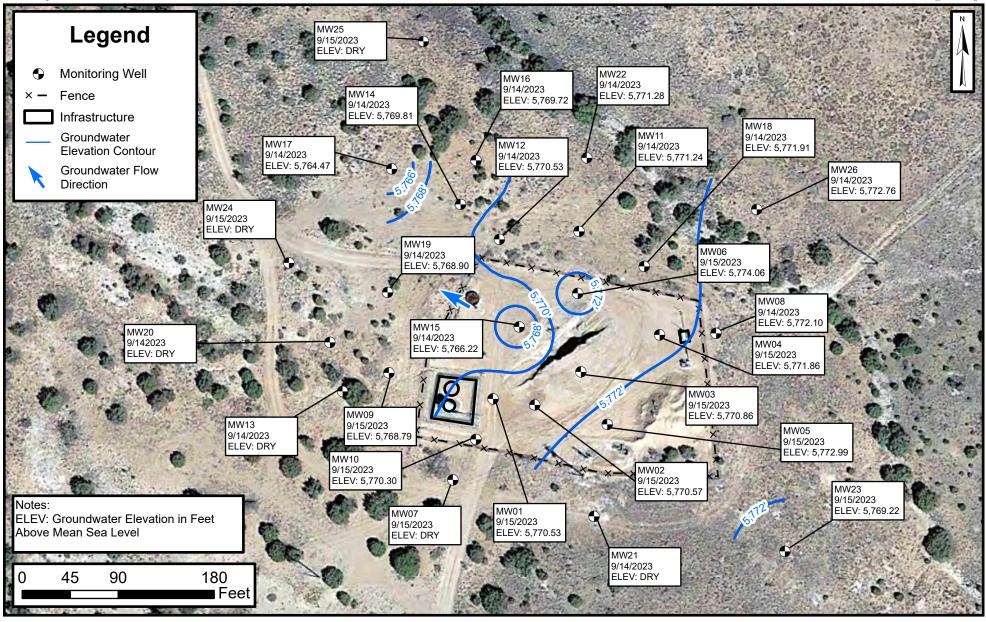


Groundwater Elevation Map - Q2 2023

Standard #1 Hilcorp Energy Company

36.75285, -108.099744 San Juan County, New Mexico **FIGURE**

6

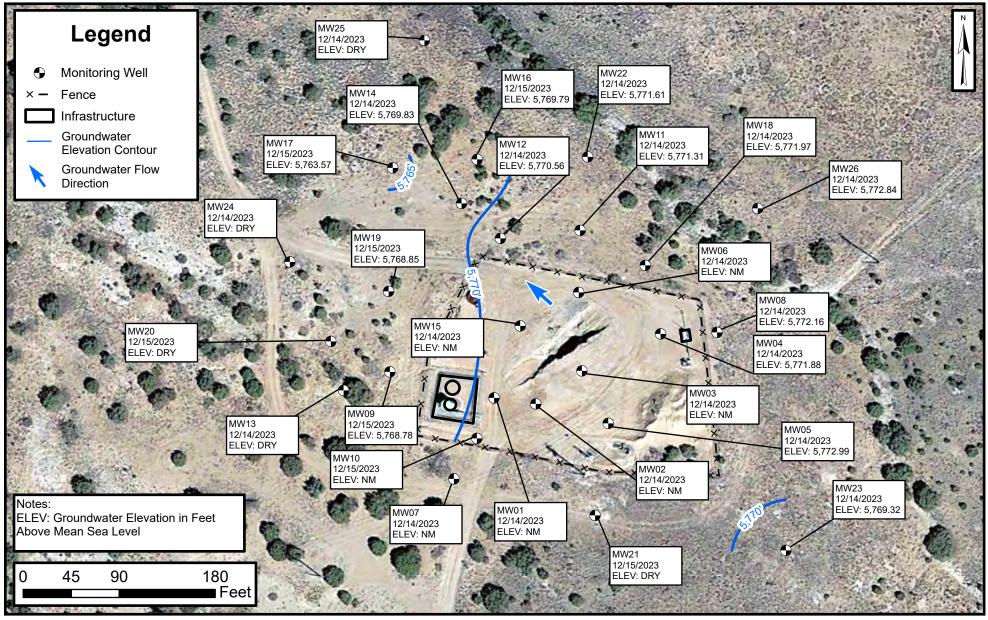




Groundwater Elevation Map - Q3 2023

Standard #1 Hilcorp Energy Company

36.75285, -108.099744 San Juan County, New Mexico FIGURE **7**

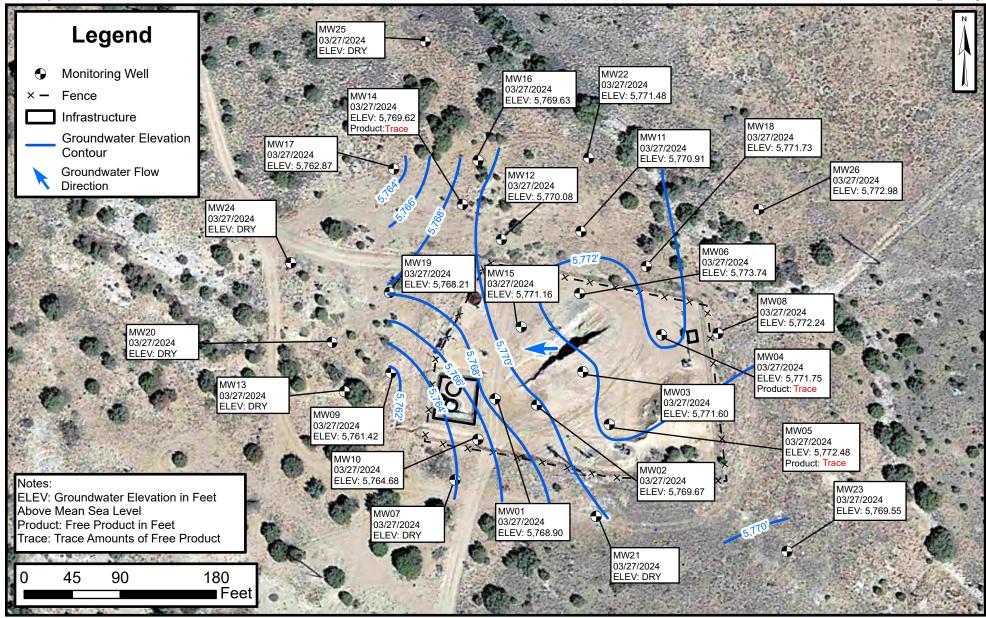




Groundwater Elevation Map - Q4 2023

Standard #1 Hilcorp Energy Company

36.75285, -108.099744 San Juan County, New Mexico FIGURE **Q**

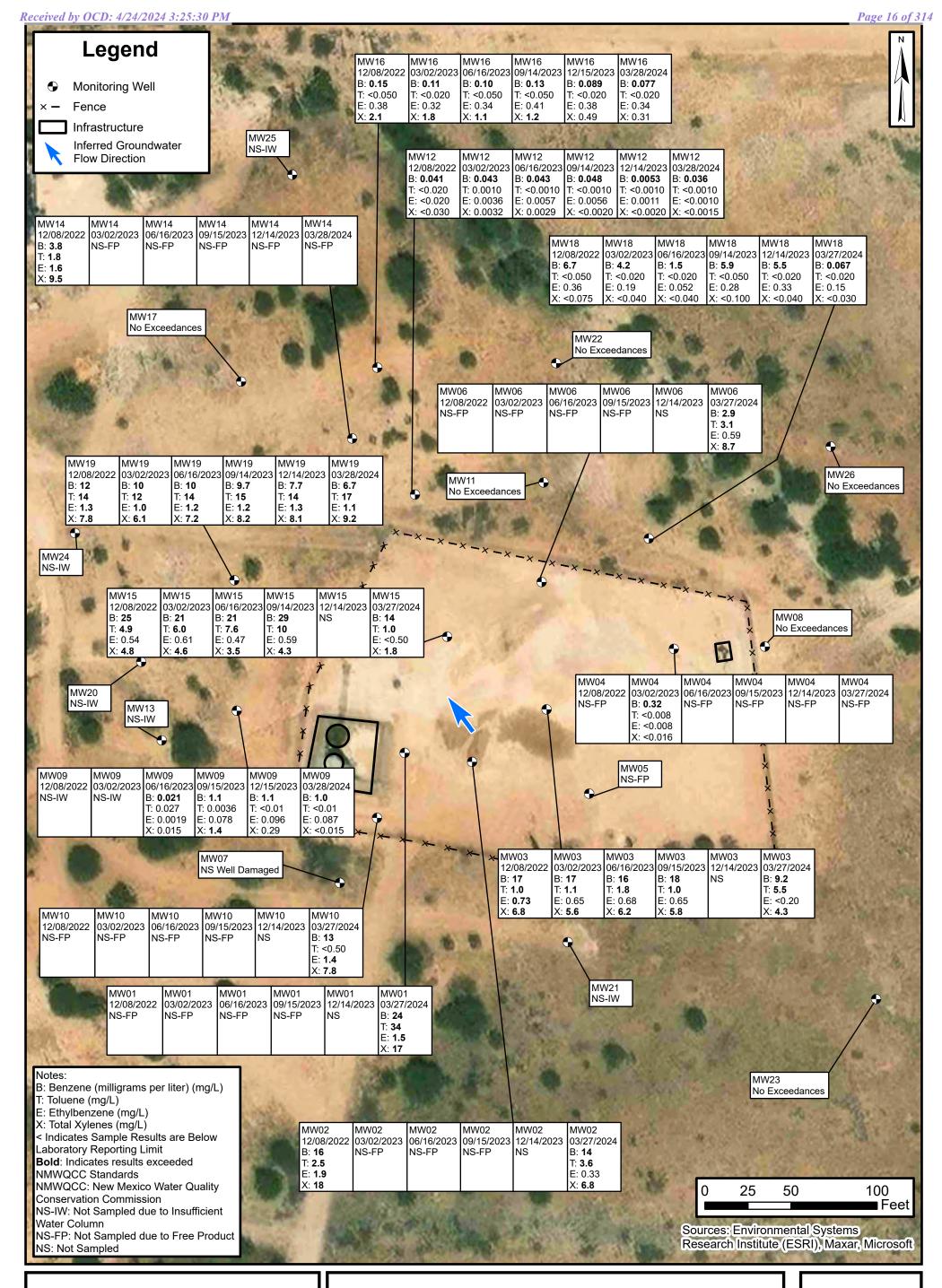




Groundwater Elevation Map - Q1 2024

Standard #1 Hilcorp Energy Company

36.75285, -108.099744 San Juan County, New Mexico FIGURE





Groundwater Analytical Results

Standard #1
Hilcorp Energy Company
36.75285, -108.099744
San Juan County, New Mexico

figure 10



Tables & Graphs



TABLE 1

DUAL PHASE EXTRACTION SYSTEM RUNTIME CALCULATIONS

Standard #1

Hilcorp Energy Company
San Juan County, New Mexico

| Date/Time of Reading | System Hour Runtime | Run Time (%) | Cumulative Run Time (%) | Notes |
|----------------------|------------------------|--------------|----------------------------|-------|
| 1/2/2024 | 4 | STAF | RT UP | |
| 1/3/2024 | 28 | 99% | 99% | |
| 1/4/2024 | 53 | 102% | 101% | |
| 1/5/2024 | 76 | 97% | 99% | |
| 1/11/2024 | 218 | 99% | 99% | |
| 1/12/2024 | 247 | 121% | 101% | |
| 1/18/2024 | 376 | 89% | 97% | |
| 1/24/2024 | 518 | 99% | 97% | |
| 2/1/2024 | 707 | 98% | 98% | |
| 2/8/2024 | 874 | 100% | 98% | |
| 2/15/2024 | 1,040 | 99% | 98% | |
| 2/21/2024 | 1,183 | 99% | 98% | |
| 3/1/2024 | 1,398 | 100% | 98% | |
| 3/7/2024 | 1,545 | 102% | 99% | |
| 3/14/2024 | 1,710 | 98% | 99% | |
| 3/21/2024 | 1,876 | 100% | 99% | |

Notes:

%: percent

Dashed line indicates quarter change

--: not applicable/not collected

Ensolum 1 of 32



| | TABLE 2 DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS Standard #1 Hillorop Energy Company San Juan County, New Mexico | | | | | | | | | | |
|---------------------|---|--------------|--------------------------------|------------------|---------------------------------|--------------|--------------|--------------|--------------------|--|--|
| | | | | | | | | | | | |
| SVE Well ID | Date | PID (ppm) | Differential Pressure (IWC) | Flow Rate (acfm) | Flow Rate (scfm) ⁽¹⁾ | Vacuum (IHG) | Vacuum (psi) | Oxygen (%) | Carbon Dioxide (%) | | |
| | 1/2/2024 | 198 | 4.50 | 742 | 534 | 2.5 | 1.23 | 20.9 | 0.06 | | |
| | 1/3/2024 1/4/2024 | 69 467 | 4.50 2.50 | 742 553 | 534 398 | 2.5 2.5 | 1.23 1.23 | 20.9 16.6 | 0.02 4.99 | | |
| | 1/5/2024 | 416 | 2.50 | 553 | 216 | 15.0 | 7.37 | 19.8 | 1.34 | | |
| | 1/11/2024 | 993 | 1.75 | 463 | 187 | 14.5 | 7.12 | | | | |
| | 1/18/2024 | 234 | 2.00 | 495 | 220 | 13.0 | 6.39 | 1 | | | |
| | 1/24/2024 | 521 | 2.50 | 553 | 260 | 12.0 | 5.89 | 1 | | | |
| Influent, All Wells | 2/1/2024 | 397 | 3.25 | 630 | 379 | 7.0 | 3.44 | - | | | |
| | 2/8/2024 | 350 | 3.00 | 606 | 348 | 8.0 | 3.93 | - | | | |
| | 2/15/2024 2/21/2024 | 401 400 | 3.00 | 606 606 | 340 340 | 8.5 8.5 | 4.17 4.17 | 20.0 | 0.38 | | |
| | 3/1/2024 | 662 | 2.25 | 525 | 267 | 10.5 | 5.16 | | | | |
| | 3/7/2024 | 525 | 2.25 | 525 | 271 | 10.3 | 5.03 | 20.9 | 0.30 | | |
| | 3/14/2024 | 763 | 2.50 | 553 | 282 | 10.5 | 5.16 | 20.9 | 0.28 | | |
| | 3/21/2024 | 568 | 2.50 | 553 | 282 | 10.5 | 5.16 | - | | | |
| | 1/2/2024 | 102 | | - | 44.0 | 1.0 | 0.49 | 20.9 | 0.08 | | |
| | 1/3/2024 | 87 | | | 14.0 | 1.0 | 0.49 | 20.9 | 0.04 | | |
| | 1/4/2024 1/5/2024 | 403 | | | 93.0 53.0 | 13.5 13.0 | 6.63 6.39 | 20.7 | 0.58 | | |
| | 1/11/2024 | 135 | 0.95 | 85.2 | 42.3 | 11.0 | 5.40 | | 0.56 | | |
| | 1/18/2024 | 655 | 0.08 | 24.7 | 11.6 | 12.0 | 5.89 | | | | |
| | 1/24/2024 | 1394 | 0.55 | 64.8 | 32.2 | 11.0 | 5.40 | 20.2 | 0.52 | | |
| MW01 | 2/1/2024 | 468 | 0.54 | 64.2 | 41.2 | 5.5 | 2.70 | - | | | |
| | 2/8/2024 | 436 | | | | 7.0 | 3.44 | 19.8 | 0.78 | | |
| | 2/15/2024 | 413 | 0.20 | 39.1 | 23.5 | 7.0 | 3.44 | 19.8 | 0.44 | | |
| | 2/21/2024 | 543 | 0.20 | 39.1 | 23.5 | 7.0 | 3.44 | 20.0 | 0.40 | | |
| | 3/1/2024 3/7/2024 | 353 431 | 0.28 0.51 | 46.3 62.4 | 25.4 34.3 | 9.0 9.0 | 4.42 4.42 | 20.5 | 0.44 0.36 | | |
| | 3/14/2024 | 409 | 0.19 | 38.1 | 20.9 | 9.0 | 4.42 | 20.9 | 0.38 | | |
| | 3/21/2024 | 398 | 0.49 | 61.2 | 33.6 | 9.0 | 4.42 | 20.9 | 0.36 | | |
| | 1/2/2024 | 102 | | | 20.0 | 1.0 | 0.49 | 20.9 | 0.02 | | |
| | 1/3/2024 | 240 | | | 25.0 | 1.0 | 0.49 | 20.9 | 0.06 | | |
| | 1/4/2024 | | | | 86.0 | 13.5 | 6.63 | - | | | |
| | 1/5/2024 | 243 | | | 84.0 | 12.5 | 6.14 | 20.6 | 0.82 | | |
| | 1/11/2024 | 392 | 0.80 | 78.2 | 38.8 | 11.0 | 5.40 | | | | |
| | 1/18/2024 | 335 710 | 1.05 0.75 | 89.6 75.7 | 42.1 38.6 | 12.0 10.5 | 5.89 5.16 | 20.7 | 0.52 | | |
| MW02 | 1/24/2024 2/1/2024 | 179 | 0.75 | 33.9 | 21.2 | 6.0 | 2.95 | | 0.52 | | |
| IVIVVO2 | 2/8/2024 | 380 | | | | 7.3 | 3.56 | 20.7 | 0.54 | | |
| | 2/15/2024 | 232 | 0.21 | 40.1 | 23.6 | 7.5 | 3.68 | 20.3 | 0.32 | | |
| | 2/21/2024 | 175 | 0.15 | 33.9 | 20.4 | 7.0 | 3.44 | 20.6 | 0.18 | | |
| | 3/1/2024 | 315 | 0.56 | 65.4 | 35.9 | 9.0 | 4.42 | 20.9 | 0.36 | | |
| | 3/7/2024 | 396 | 0.64 | 69.9 | 38.4 | 9.0 | 4.42 | 20.9 | 0.24 | | |
| | 3/14/2024 | 412 408 | 0.64 | 69.9 | 38.4 | 9.0 | 4.42 4.42 | 20.9 | 0.20 | | |
| | 3/21/2024 | | 0.61 | 68.3 | 37.5 | | | 20.9 | 0.18 | | |
| | 1/2/2024 | 139 240 | | | 45.0 25.0 | 1.0 | 0.49 0.49 | 20.9 20.9 | 0.14 0.06 | | |
| | 1/4/2024 | | | | 37.0 | 13.0 | 6.39 | 20.9 | 0.06 | | |
| | 1/5/2024 | 332 | | | 18.0 | 12.0 | 5.89 | 18.9 | 1.56 | | |
| | 1/11/2024 | 187 | 1.30 | 99.7 | 44.3 | 13.0 | 6.39 | - | | | |
| | 1/18/2024 | 452 | 1.11 | 92.1 | 36.1 | 15.0 | 7.37 | | | | |
| | 1/24/2024 | 1775 | 0.62 | 68.8 | 30.6 | 13.0 | 6.39 | 19.2 | 1.26 | | |
| MW03 | 2/1/2024 | 644 | 0.24 | 42.8 | 24.1 | 8.5 | 4.17 | | | | |
| | 2/8/2024 | 325 235 | | | 21.0 | 9.5 | 4.67 | 19.0 | 1.30 | | |
| | 2/15/2024 2/21/2024 | 235 498 | 0.23 | 41.9 | 21.9 | 10.0 | 4.91 | 20.3 19.1 | 0.28 0.72 | | |
| | 3/1/2024 | 404 | 0.13 | 31.5 | 14.8 | 12.0 | 5.89 | 19.7 | 1.04 | | |
| | 3/7/2024 | 721 | 0.41 | 56.0 | 27.1 | 11.5 | 5.65 | 20.2 | 0.66 | | |
| | 3/14/2024 | 687 | 0.35 | 51.7 | 25.0 | 11.5 | 5.65 | 20.4 | 0.44 | | |
| 1 | 3/21/2024 | 627 | 0.36 | 52.5 | 25.4 | 11.5 | 5.65 | 20.3 | 0.45 | | |



| | TABLE 2 DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS Standard #1 Hilcorp Energy Company San Juan County, New Mexico | | | | | | | | | | |
|-------------|--|--------------|--------------------------------|------------------|------------------------------------|--------------|--------------|------------|--------------------|--|--|
| SVE Well ID | Date | PID (ppm) | Differential Pressure (IWC) | Flow Rate (acfm) | Flow Rate (scfm) ⁽¹⁾ | Vacuum (IHG) | Vacuum (psi) | Oxygen (%) | Carbon Dioxide (%) | | |
| | 1/2/2024 | 153 | | - | 48.0 | 1.0 | 0.49 | 20.9 | 0.14 | | |
| | 1/3/2024 | 161 | | | 23.0 | 1.0 | 0.49 | 20.9 | 0.04 | | |
| | 1/4/2024 | _ | | - | 48.0 | 12.0 | 5.89 | - | | | |
| | 1/5/2024 | 295 | | - | 26.0 | 11.5 | 5.65 | 19.1 | 1.41 | | |
| | 1/11/2024 | 323 | 1.18 | 95.0 | 47.1 | 11.0 | 5.40 | | | | |
| | 1/18/2024 | 35 | 1.12 | 92.5 | 42.3 | 12.5 | 6.14 | | | | |
| | 1/24/2024 | 439 | 0.40 | 55.3 | 28.2 | 10.5 | 5.16 | 20.9 | 0.56 | | |
| MW06 | 2/1/2024 | 245 | 0.17 | 36.0 | 23.1 | 5.5 | 2.70 | | | | |
| | 2/8/2024 | 220 | | - | - | 7.0 | 3.44 | 20.9 | 0.42 | | |
| | 2/15/2024 | 120 | 0.15 | 33.9 | 20.4 | 7.0 | 3.44 | 20.9 | 0.12 | | |
| | 2/21/2024 | 319 | 0.22 | 41.0 | 24.4 | 7.2 | 3.54 | 20.6 | 0.20 | | |
| | 3/1/2024 | 121 | 0.04 | 17.5 | 9.6 | 9.0 | 4.42 | 20.9 | 0.24 | | |
| | 3/7/2024 | 314 | 0.65 | 70.5 | 38.7 | 9.0 | 4.42 | 20.9 | 0.16 | | |
| | 3/14/2024 | 402 | 0.30 | 47.9 | 26.3 | 9.0 | 4.42 | 20.9 | 0.20 | | |
| | 3/21/2024 | 372 | 0.27 | 45.4 | 25.5 | 8.5 | 4.17 | 20.9 | 0.15 | | |
| | 1/2/2024 | 104 | | | 44.0 | 1.0 | 0.49 | 20.9 | 0.08 | | |
| | 1/3/2024 | 92 | | | 16.0 | 1.0 | 0.49 | 20.9 | 0.02 | | |
| | 1/4/2024 | | | - | 85.0 | 14.0 | 6.88 | | | | |
| | 1/5/2024 | 147 | | | 69.0 | 13.5 | 6.63 | 20.9 | 0.36 | | |
| | 1/11/2024 | 59 | 0.88 | 82 | 43.9 | 9.5 | 4.67 | _ | - | | |
| | 1/18/2024 | 256 | 0.77 | 77 | 35.1 | 12.5 | 6.14 | - | - | | |
| | 1/24/2024 | 7 | 0.62 | 69 | 34.2 | 11.0 | 5.40 | 20.9 | 0.00 | | |
| MW10 | 2/1/2024 | 435 | 0.21 | 40 | 26.2 | 5.0 | 2.46 | - | | | |
| | 2/8/2024 | 381 | | - | - | 7.0 | 3.44 | 20.9 | 0.32 | | |
| | 2/15/2024 | 205 | 0.05 | 20 | 11.8 | 7.0 | 3.44 | 20.6 | 0.18 | | |
| | 2/21/2024 | 204 | 0.03 | 15 | 9.1 | 7.0 | 3.44 | 20.7 | 0.16 | | |
| | 3/1/2024 | 91 | 0.12 | 30 | 16.6 | 9.0 | 4.42 | 20.9 | 0.12 | | |
| | 3/7/2024 | 60 | 0.34 | 51 | 28.0 | 9.0 | 4.42 | 20.9 | 0.18 | | |
| | 3/14/2024 | 75 | 0.57 | 66 | 36.2 | 9.0 | 4.42 | 20.9 | 0.16 | | |
| | 3/21/2024 | 77 | 0.48 | 61 | 33.2 | 9.0 | 4.42 | 20.9 | 0.13 | | |
| | 1/2/2024 | 126 | | - | 46.0 | 1.0 | 0.49 | 20.9 | 0.12 | | |
| | 1/3/2024 | 125 | | - | 20.0 | 1.0 | 0.49 | 20.9 | 0.02 | | |
| | 1/4/2024 | - | - | _ | 45.0 | 11.5 | 5.65 | | - | | |
| | 1/5/2024 | 138 | - | _ | 43.0 | 11.5 | 5.65 | 20.9 | 0.10 | | |
| | 1/11/2024 | | | | Fro | zen | | | | | |
| | 1/18/2024 | 124 | 3.78 | 170.0 | 79.9 | 12.0 | 5.89 | - | - | | |
| | 1/24/2024 | 425 | 0.18 | 37.1 | 20.8 | 8.5 | 4.17 | 20.9 | 0.18 | | |
| MW15 | 2/1/2024 | 34 | 0.12 | 30.3 | 19.0 | 6.0 | 2.95 | | | | |
| | 2/8/2024 | 90 | | - | - | 5.0 | 2.43 | 20.9 | 0.06 | | |
| | 2/15/2024 | 25 | 0.05 | 19.5 | 11.8 | 7.0 | 3.44 | 20.9 | 0.08 | | |
| | 2/21/2024 | 57 | | - | - | | | 20.9 | 0.08 | | |
| | 3/1/2024 | 129 | 0.07 | 23.1 | 12.7 | 9.0 | 4.42 | 20.9 | 0.00 | | |
| | 3/7/2024 | 114 | 0.16 | 35.0 | 19.2 | 9.0 | 4.42 | 20.9 | 0.00 | | |
| | 3/14/2024 | 130 | 0.13 | 31.5 | 17.3 | 9.0 | 4.42 | 20.9 | 0.00 | | |
| | 3/21/2024 | 122 | 0.13 | 31.5 | 17.3 | 9.0 | 4.42 | 20.9 | 0.00 | | |

Notes:

(1) Individual Well Flow Rates in scfm estimated based on rotometer readings from 1/2/24 to 1/5/24

IHG: inches of mercury

PID: photoionization detector

ppm: parts per million

acfm: actual cubic feet per minute

scfm: standard cubic feet per minute

%: percent

-: not measured



TABLE 3 **DUAL PHASE EXTRACTION SYSTEM EMISSIONS ANALYTICAL RESULTS** Standard #1 Hilcorp Energy Company San Juan County, New Mexico PID Benzene Toluene Ethylbenzene **Total Xylenes** TVPH/GRO Oxygen **Carbon Dioxide** Date (ppm) (µg/L) (µg/L) (µg/L) (µg/L) (µg/L) (%) (%) 0.09 1/2/2024 198 0.58 2.8 0.42 8.9 170 21.64 1/3/2024 69 0.21 1.2 0.24 5.0 69 21.71 0.06 1/4/2024 467 29 40 <5.0 18 3,400 17.40 4.80 1/5/2024 416 18 <5.0 8.7 26 2.300 20.83 1 26 1/12/2024(1) 993 22 42 <5.0 56 6,500 20.53 1.49 1/18/2024 234 21 28 <5.0 10 2,700 21.30 0.42 1/24/2024 523 22 40 <5.0 30 4,400 21.19 0.57 2/8/2024 350 19 31 <5.0 34 2,200 21.33 0.51 2/21/2024 400 13 18 <2.0 18 2,900 19.74 0.40 3/7/2024 525 14 28 <5.0 36 2,100 21.91 0.30 3/21/2024 568 15 34 2,900 21.57 0.29

Notes

GRO: gasoline range organics
µg/L: microgram per liter
PID: photoionization detector
ppm: parts per million
(1) PID reading is from 1/11/2024

TVPH: total volatile petroleum hydrocarbons

%: percent
--: not sampled

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TABLE 4

DUAL PHASE EXTRACTION SYSTEM MASS REMOVAL AND EMISSIONS

Standard #1 Hilcorp Energy Company San Juan County, New Mexico

Laboratory Analysis

| | Laboratory Analysis | | | | | | | | | |
|--------------------------|---------------------|-------------------|-------------------|------------------------|-------------------------|----------------|--|--|--|--|
| Date | PID (ppm) | Benzene (μg/L) | Toluene (μg/L) | Ethylbenzene (μg/L) | Total Xylenes (μg/L) | TVPH (μg/L) | | | | |
| 1/2/2024 | 198 | 0.58 | 2.8 | 0.42 | 8.9 | 170 | | | | |
| 1/3/2024 | 69 | 0.21 | 1.2 | 0.24 | 5.0 | 69 | | | | |
| 1/4/2024 | 467 | 29 | 40 | <5.0 | 18 | 3,400 | | | | |
| 1/5/2024 | 416 | 18 | 26 | <5.0 | 8.7 | 2,300 | | | | |
| 1/12/2024 ⁽¹⁾ | 993 | 22 | 42 | <5.0 | 56 | 6,500 | | | | |
| 1/18/2024 | 234 | 21 | 28 | <5.0 | 10 | 2,700 | | | | |
| 1/24/2024 | 523 | 22 | 40 | <5.0 | 30 | 4,400 | | | | |
| 2/8/2024 | 350 | 19 | 31 | <5.0 | 34 | 2,200 | | | | |
| 2/21/2024 | 400 | 13 | 18 | <2.0 | 18 | 2,900 | | | | |
| 3/7/2024 | 525 | 14 | 28 | <5.0 | 36 | 2,100 | | | | |
| 3/21/2024 | 568 | 15 | 27 | 1.1 | 34 | 2,900 | | | | |
| Average | 431 | 16 | 26 | 4 | 24 | 2,694 | | | | |

Vapor Extraction Summary

| | | | · up | JI EXTRACTION SUM | | | | |
|--------------------------|---------------------|------------------------------|--------------------|--------------------|--------------------|-------------------------|--------------------------|-----------------|
| Date | Flow Rate (scfm) | Total System Flow (cf) | Delta Flow (cf) | Benzene (lb/hr) | Toluene (lb/hr) | Ethylbenzene (lb/hr) | Total Xylenes (lb/hr) | TVPH (lb/hr) |
| 1/2/2024 | 534 | 0 | 0 | 0.0012 | 0.0056 | 0.0008 | 0.0178 | 0.34 |
| 1/3/2024 | 534 | 762,552 | 762,552 | 0.0008 | 0.0040 | 0.0007 | 0.0139 | 0.24 |
| 1/4/2024 | 398 | 1,347,612 | 585,060 | 0.0217 | 0.0307 | 0.0039 | 0.0171 | 2.58 |
| 1/5/2024 | 216 | 1,648,284 | 300,672 | 0.0190 | 0.0267 | 0.0040 | 0.0108 | 2.30 |
| 1/12/2024 ⁽¹⁾ | 187 | 3,569,148 | 1,920,864 | 0.0140 | 0.0238 | 0.0035 | 0.0226 | 3.08 |
| 1/18/2024 | 220 | 5,271,948 | 1,702,800 | 0.0177 | 0.0288 | 0.0041 | 0.0272 | 3.78 |
| 1/24/2024 | 260 | 7,487,148 | 2,215,200 | 0.0209 | 0.0331 | 0.0049 | 0.0194 | 3.45 |
| 2/8/2024 | 340 | 14,749,548 | 7,262,400 | 0.0261 | 0.0451 | 0.0064 | 0.0407 | 4.20 |
| 2/21/2024 | 340 | 21,055,188 | 6,305,640 | 0.0203 | 0.0312 | 0.0045 | 0.0331 | 3.24 |
| 3/7/2024 | 271 | 26,939,682 | 5,884,494 | 0.0137 | 0.0233 | 0.0035 | 0.0274 | 2.53 |
| 3/21/2024 | 282 | 32,540,202 | 5,600,520 | 0.01529 | 0.0290 | 0.00322 | 0.0369 | 2.64 |
| | • | • | Average | 0.0155 | 0.026 | 0.0036 | 0.024 | 2.58 |

Mass Recovery

| Date | Total SVE System Hours | Delta Hours | Benzene (pounds) | Toluene (pounds) | Ethylbenzene (pounds) | Total Xylenes (pounds) | TVPH (pounds) | TVPH (tons) |
|--------------------------|---------------------------|------------------|---------------------|---------------------|--------------------------|---------------------------|------------------|----------------|
| 1/2/2024 | 4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1/3/2024 | 28 | 24 | 0.0 | 0.1 | 0.0 | 0.3 | 5.7 | 0.0 |
| 1/4/2024 | 53 | 25 | 0.5 | 0.8 | 0.1 | 0 | 63 | 0.03 |
| 1/5/2024 | 76 | 23 | 0.4 | 0.6 | 0.1 | 0.3 | 53 | 0.03 |
| 1/12/2024 ⁽¹⁾ | 247 | 171 | 2.4 | 4.1 | 0.6 | 4 | 527 | 0.26 |
| 1/18/2024 | 376 | 129 | 2.3 | 3.7 | 0.5 | 4 | 488 | 0.24 |
| 1/24/2024 | 518 | 142 | 3.0 | 4.7 | 0.7 | 2.8 | 490 | 0.25 |
| 2/8/2024 | 874 | 356 | 9.3 | 16 | 2.3 | 14 | 1,494 | 0.75 |
| 2/21/2024 | 1183 | 309 | 6.29 | 9.6 | 1.4 | 10 | 1,002 | 0.50 |
| 3/7/2024 | 1545 | 362 | 4.95 | 8.4 | 1.3 | 10 | 917 | 0.46 |
| 3/21/2024 | 1876 | 331 | 5.06 | 9.6 | 1.06 | 12.2 | 873 | 0.44 |
| | Total Mass | Recovery to Date | 34 | 58 | 8 | 58 | 5,914 | 3.0 |

Notes:

cf: cubic feet

cfm: cubic feet per minute

μg/L: micrograms per liter

lb/hr: pounds per hour

--: not sampled

PID: photoionization detector

ppm: parts per million

TVPH: total volatile petroleum hydrocarbons

Laboratory detection limit used to estimate mass removal

(1) PID reading and flow rate are from 1/11/2024



TABLE 5 LIQUID RECOVERY

Standard #1

Hilcorp Energy Company San Juan County, New Mexico

| Date/Time | Hour Meter Reading | er Gallons Volu | | Time Period | Recovery Rate | | Notes | | |
|---------------|--------------------|---------------------|-------------|--------------------|---------------|--------|-------|-----------|-------|
| Date/Time | Reading | Reading (gal) | this Period | Recovered (gal) | (hr:min:sec) | (min) | (gpm) | (gal/day) | Notes |
| 1/11/24 13:15 | 219 | 2,648 | 0 | 0 | | | | | |
| 1/18/24 14:05 | 376 | 8,518 | 5,870 | 5,870 | 168:50:00 | 10,130 | 0.58 | 834 | |
| 1/24/24 12:30 | 518 | 12,337 | 3,819 | 9,689 | 142:25:00 | 8,545 | 0.45 | 644 | |
| 2/1/24 11:00 | 707 | 14,170 | 1,834 | 11,522 | 190:30:00 | 11,430 | 0.16 | 231 | |
| 2/8/24 10:39 | 874 | 17,328 | 3,158 | 14,680 | 167:39:00 | 10,059 | 0.31 | 452 | |
| 2/15/24 10:40 | 1,040 | 21,029 | 3,701 | 18,381 | 168:01:00 | 10,081 | 0.37 | 529 | |
| 2/21/24 10:05 | 1,183 | 23,866 | 2,837 | 21,218 | 143:25:00 | 8,605 | 0.33 | 475 | |
| 3/1/24 13:20 | 1,399 | 28,034 | 4,168 | 25,385 | 219:15:00 | 13,155 | 0.32 | 456 | |
| 3/7/24 14:50 | 1,545 | 32,076 | 4,042 | 29,428 | 145:30:00 | 8,730 | 0.46 | 667 | |
| 3/14/24 13:05 | 1,710 | 36,362 | 4,286 | 33,713 | 166:15:00 | 9,975 | 0.43 | 619 | |
| 3/21/24 10:02 | 1,876 | 40,443 | 4,082 | 37,795 | 164:57:00 | 9,897 | 0.41 | 594 | |

Notes:

bbl: barrel in: inch

ft: feet min: minute

gal: gallon sec: second

gal/day: gallon per day

Dashed line indicated quarter change

gpm: gallon per minute --: not applicable

hr: hour

Total Quantity of Liquid Removed: 37,795 Gal
900 bbl



| Monitoring Well | Top of Casing Elevation (feet) | Date | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet AMSL) |
|-----------------|--------------------------------------|------------|------------------------------------|--|--------------------------------|---|
| | | 10/22/2018 | 20.80 | 20.97 | 0.17 | 5,768.25 |
| | | 3/29/2019 | 20.69 | 21.35 | 0.66 | 5,768.26 |
| | | 6/28/2019 | 20.70 | 21.44 | 0.74 | 5,768.23 |
| | | 9/17/2019 | 20.64 | 20.83 | 0.19 | 5,768.40 |
| | | 12/17/2019 | 20.50 | 20.89 | 0.39 | 5,768.50 |
| | | 3/12/2020 | 20.49 | 20.76 | 0.27 | 5,768.54 |
| | | 6/25/2020 | 20.39 | 20.65 | 0.26 | 5,768.64 |
| | | 9/23/2020 | 20.19 | 20.46 | 0.27 | 5,768.84 |
| | | 3/21/2021 | 20.11 | 20.20 | 0.09 | 5,768.95 |
| | | 6/14/2021 | Trace | 20.18 | Trace | 5,768.90 |
| MW01 | 5,789.08 | 9/20/2021 | | 19.62 | | 5,769.46 |
| | | 12/2/2021 | Trace | 19.50 | Trace | 5,769.58 |
| | | 3/1/2022 | Trace | 19.62 | Trace | 5,769.46 |
| | | 6/7/2022 | Trace | 19.39 | Trace | 5,769.69 |
| | | 9/29/2022 | 19.08 | 19.10 | 0.02 | 5,770.00 |
| | | 12/8/2022 | 19.05 | 19.12 | 0.07 | 5,770.02 |
| | | 3/2/2023 | 18.91 | 18.93 | 0.02 | 5,770.17 |
| | | 6/16/2023 | 18.80 | 18.90 | 0.10 | 5,770.26 |
| | | 9/15/2023 | Trace | 18.55 | Trace | 5,770.53 |
| | | 12/14/2023 | | | | |
| | | 3/27/2024 | | 20.18 | | 5,768.90 |
| | | 10/22/2018 | | 21.12 | | 5,768.24 |
| | | 3/29/2019 | 20.85 | 21.11 | 0.26 | 5,768.46 |
| | | 6/28/2019 | 20.95 | 21.30 | 0.35 | 5,768.34 |
| | | 9/17/2019 | 20.80 | 20.85 | 0.05 | 5,768.55 |
| | | 12/17/2019 | | 20.74 | | 5,768.62 |
| | | 3/12/2020 | | 20.65 | | 5,768.71 |
| | | 6/25/2020 | | 20.58 | | 5,768.78 |
| | | 9/23/2020 | | 20.43 | | 5,768.93 |
| | | 3/31/2021 | | 20.29 | | 5,769.07 |
| | | 6/14/2021 | Trace | 20.21 | Trace | 5,769.15 |
| MW02 | 5,789.36 | 9/20/2021 | | 19.77 | | 5,769.59 |
| | | 12/3/2021 | | 19.68 | | 5,769.68 |
| | | 3/1/2022 | | 19.83 | | 5,769.53 |
| | | 6/7/2022 | Trace | 19.56 | Trace | 5,769.80 |
| | | 9/29/2022 | | 19.26 | | 5,770.10 |
| | | 12/8/2022 | | 19.22 | | 5,770.14 |
| | | 3/2/2023 | Trace | 19.06 | Trace | 5,770.30 |
| | | 6/16/2023 | Trace | 18.90 | Trace | 5,770.46 |
| | | 9/15/2023 | Trace | 18.79 | Trace | 5,770.57 |
| | | 12/14/2023 | | | | |
| | | 3/27/2024 | | 19.69 | | 5,769.67 |

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| | Tom of Occio | | Don'th to | | Dungland | Consum de la constant |
|-----------------|--------------------------------------|------------|------------------------------------|--|--------------------------------|---|
| Monitoring Well | Top of Casing Elevation (feet) | Date | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet AMSL) |
| | | 10/22/2018 | | DRY | | DRY |
| | | 3/29/2019 | | 30.90 | | 5,761.16 |
| | | 6/28/2019 | | 32.14 | | 5,759.92 |
| | | 9/17/2019 | | 27.32 | | 5,764.74 |
| | | 12/17/2019 | | 23.75 | | 5,768.31 |
| | | 3/12/2020 | | 23.40 | | 5,768.66 |
| | | 6/25/2020 | | 23.25 | | 5,768.81 |
| | | 9/23/2020 | | 23.08 | | 5,768.98 |
| | | 3/31/2021 | | 22.81 | | 5,769.25 |
| | | 6/14/2021 | | 22.61 | | 5,769.45 |
| MW03 | 5,792.06 | 9/24/2021 | 22.24 | 22.25 | 0.01 | 5,769.82 |
| | | 12/3/2021 | | 22.17 | | 5,769.89 |
| | | 3/1/2022 | | 22.30 | | 5,769.76 |
| | | 6/7/2022 | | 22.04 | | 5,770.02 |
| | | 9/29/2022 | | 21.71 | | 5,770.35 |
| | | 12/8/2022 | | 21.69 | | 5,770.37 |
| | | 3/2/2023 | | 21.46 | | 5,770.60 |
| | | 6/16/2023 | | 21.29 | | 5,770.77 |
| | | 9/15/2023 | | 21.20 | | 5,770.86 |
| | | 12/14/2023 | | | | |
| | | 3/27/2024 | | 20.46 | | 5,771.60 |
| | | 10/22/2018 | | 31.80 | | 5,760.55 |
| | | 3/29/2019 | | DRY | | DRY |
| | | 6/28/2019 | | DRY | | DRY |
| | | 9/17/2019 | | 31.88 | | 5,760.47 |
| | | 12/17/2019 | | 31.87 | | 5,760.48 |
| | | 3/12/2020 | | DRY | | DRY |
| | | 6/25/2020 | | 31.89 | | 5,760.46 |
| | | 9/23/2020 | | 30.99 | | 5,761.36 |
| | | 3/31/2021 | | 28.31 | | 5,764.04 |
| | | 6/14/2021 | | 26.98 | | 5,765.37 |
| MW04 | 5,792.35 | 9/24/2021 | | 24.85 | | 5,767.50 |
| | | 12/3/2021 | | 22.12 | | 5,770.23 |
| | | 3/1/2022 | | 22.52 | | 5,769.83 |
| | | 6/7/2022 | | 21.38 | | 5,770.97 |
| | | 9/29/2022 | | 21.13 | | 5,771.22 |
| | | 12/8/2022 | Trace | 21.00 | Trace | 5,771.35 |
| | | 3/2/2023 | | 20.72 | | 5,771.63 |
| | | 6/16/2023 | Trace | 20.45 | Trace | 5,771.90 |
| | | 9/15/2023 | | 20.49 | | 5,771.86 |
| | | 12/14/2023 | | 20.47 | | 5,771.88 |
| | | 3/27/2024 | Trace | 20.60 | Trace | 5,771.75 |

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| Monitoring Well | Top of Casing Elevation (feet) | 10/22/2018 3/29/2019 6/28/2019 | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet AMSL) |
|-----------------|--------------------------------------|--------------------------------------|------------------------------------|--|--------------------------------|---|
| | | 3/29/2019 | | 28.39 | | |
| | | | | 20.00 | | 5,764.21 |
| | | 6/28/2019 | | 24.65 | | 5,767.95 |
| | | 0/20/2010 | | 24.53 | | 5,768.07 |
| | | 9/17/2019 | | 21.41 | | 5,771.19 |
| | | 12/17/2019 | | 21.25 | | 5,771.35 |
| | | 3/12/2020 | | 21.10 | | 5,771.50 |
| | | 6/25/2020 | | 21.13 | | 5,771.47 |
| | | 9/23/2020 | | 20.93 | | 5,771.67 |
| | | 3/31/2021 | | 20.76 | | 5,771.84 |
| | | 6/14/2021 | | 20.61 | | 5,771.99 |
| MW05 | 5,792.60 | 9/24/2021 | | 20.37 | | 5,772.23 |
| | | 12/3/2021 | | 20.41 | | 5,772.19 |
| | | 3/1/2022 | | 20.58 | | 5,772.02 |
| | | 6/7/2022 | Trace | 20.24 | Trace | 5,772.36 |
| | | 9/29/2022 | Trace | 20.02 | Trace | 5,772.58 |
| | | 12/8/2022 | Trace | 19.97 | Trace | 5,772.63 |
| | | 3/2/2023 | Trace | 19.82 | Trace | 5,772.78 |
| | | 6/16/2023 | Trace | 19.63 | Trace | 5,772.97 |
| | | 9/15/2023 | | 19.61 | | 5,772.99 |
| | | 12/14/2023 | | 19.61 | | 5,772.99 |
| | | 3/27/2024 | Trace | 20.12 | Trace | 5,772.48 |
| | | 10/22/2018 | 24.08 | 24.48 | 0.40 | 5,768.15 |
| | | 3/29/2019 | 23.55 | 24.00 | 0.45 | 5,768.67 |
| | | 6/28/2019 | 23.72 | 23.95 | 0.23 | 5,768.54 |
| | | 9/17/2019 | 20.67 | 20.75 | 0.08 | 5,771.62 |
| | | 12/17/2019 | 20.61 | 20.62 | 0.01 | 5,771.70 |
| | | 3/12/2020 | | 20.43 | | 5,771.88 |
| | | 6/25/2020 | | 20.36 | | 5,771.95 |
| | | 9/23/2020 | | 20.16 | | 5,772.15 |
| | | 3/31/2021 | | 19.89 | | 5,772.42 |
| | | 6/14/2021 | Trace | 19.63 | Trace | 5,772.68 |
| MW06 | 5,792.31 | 9/24/2021 | | 19.27 | | 5,773.04 |
| | | 12/3/2021 | | 19.27 | | 5,773.04 |
| | | 3/1/2022 | | 19.43 | | 5,772.88 |
| | 6/7/2022 | | 19.11 | | 5,773.20 | |
| | | 9/29/2022 | Trace | 18.80 | Trace | 5,773.51 |
| | | 12/8/2022 | Trace | 18.76 | Trace | 5,773.55 |
| | | 3/2/2023 | Trace | 18.52 | Trace | 5,773.79 |
| | | 6/16/2023 | Trace | 18.29 | Trace | 5,774.02 |
| | | 9/15/2023 | | 18.25 | | 5,774.06 |
| | ļ | 12/14/2023 | | | | |
| | ļ | 3/27/2024 | | 18.57 | | 5,773.74 |

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| San Juan County, New Mexico | | | | | | | | | |
|-----------------------------|--------------------------------------|------------|------------------------------------|--|--------------------------------|---|--|--|--|
| Monitoring Well | Top of Casing Elevation (feet) | Date | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet AMSL) | | | |
| | | 10/22/2018 | | DRY | | DRY | | | |
| | | 3/29/2019 | | DRY | | DRY | | | |
| | | 6/28/2019 | | DRY | | DRY | | | |
| | | 9/17/2019 | | DRY | | DRY | | | |
| | | 12/17/2019 | | DRY | | DRY | | | |
| | | 3/12/2020 | | DRY | | DRY | | | |
| | | 6/25/2020 | | DRY | | DRY | | | |
| | | 9/23/2020 | | DRY | | DRY | | | |
| | | 3/31/2021 | | DRY | | DRY | | | |
| | | 6/14/2021 | | DRY | | DRY | | | |
| MW07 | 5,791.15 | 9/24/2021 | | DRY | | DRY | | | |
| | | 12/2/2021 | | DRY | | DRY | | | |
| | | 3/1/2022 | | DRY | | DRY | | | |
| | | 6/7/2022 | | DRY | | DRY | | | |
| | | 9/29/2022 | | 21.80 | | 5,769.35 | | | |
| | | 12/8/2022 | | 22.56 | | 5,768.59 | | | |
| | | 3/2/2023 | | 22.32 | | 5,768.83 | | | |
| | | 6/16/2023 | | 21.42 | | 5,769.73 | | | |
| | | 9/15/2023 | | DRY | | DRY | | | |
| | | 12/14/2023 | | | | | | | |
| | | 3/27/2024 | | | | | | | |
| | | 10/22/2018 | | DRY | | DRY | | | |
| | | 3/29/2019 | | DRY | | DRY | | | |
| | | 6/28/2019 | | 24.07 | | 5,768.35 | | | |
| | | 9/17/2019 | | 23.81 | | 5,768.61 | | | |
| | | 12/17/2019 | | 23.42 | | 5,769.00 | | | |
| | | 3/12/2020 | | 23.37 | | 5,769.05 | | | |
| | | 6/25/2020 | | 23.28 | | 5,769.14 | | | |
| | | 9/23/2021 | | 22.88 | | 5,769.54 | | | |
| | | 3/31/2021 | | 22.14 | | 5,770.28 | | | |
| | | 6/14/2021 | | 21.67 | | 5,770.75 | | | |
| MW08 | E 700 40 | 9/24/2021 | | 21.52 | | 5,770.90 | | | |
| IVIVVUO | 5,792.42 | 12/2/2021 | | 21.76 | | 5,770.66 | | | |
| | | 3/1/2022 | | 21.81 | | 5,770.61 | | | |
| | | 6/7/2022 | | 21.17 | | 5,771.25 | | | |
| | | 9/29/2022 | | 21.02 | | 5,771.40 | | | |
| | | 12/8/2022 | | 20.85 | | 5,771.57 | | | |
| | | 3/2/2023 | | 20.52 | | 5,771.90 | | | |
| | | | | - | | | | | |
| | | 6/16/2023 | | 20.22 | | 5,772.20 | | | |
| | | 9/14/2023 | | 20.32 | | 5,772.10 | | | |
| | | 12/14/2023 | | 20.26 | | 5,772.16 | | | |
| | | 3/27/2024 | | 20.18 | | 5,772.24 | | | |

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| Monitoring Well | Top of Casing Elevation (feet) | Date | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet AMSL) |
|-----------------|--------------------------------------|------------|------------------------------------|--|--------------------------------|---|
| | | 10/22/2018 | | DRY | | DRY |
| | | 3/29/2019 | | DRY | | DRY |
| | | 6/28/2019 | | DRY | | DRY |
| | | 9/17/2019 | | DRY | | DRY |
| | | 12/17/2019 | | DRY | | DRY |
| | | 3/12/2020 | | DRY | | DRY |
| | | 6/25/2020 | | DRY | | DRY |
| | | 9/23/2020 | | DRY | | DRY |
| | | 3/31/2021 | | DRY | | DRY |
| | | 6/14/2021 | | DRY | | DRY |
| MW09 | 5,786.16 | 9/24/2021 | | DRY | | DRY |
| | | 12/2/2021 | | DRY | | DRY |
| | | 3/1/2022 | | DRY | 1 | DRY |
| | | 6/7/2022 | | DRY | 1 | DRY |
| | | 9/29/2022 | | DRY | | DRY |
| | | 12/8/2022 | | DRY | | DRY |
| | | 3/2/2023 | | DRY | | DRY |
| | | 6/16/2023 | | 22.61 | | 5,763.55 |
| | | 9/15/2023 | | 17.37 | | 5,768.79 |
| | | 12/15/2023 | | 17.38 | | 5,768.78 |
| | | 3/28/2024 | | 24.74 | | 5,761.42 |
| | | 10/22/2018 | | 32.26 | | 5,757.04 |
| | | 3/29/2019 | 21.73 | 22.04 | 0.31 | 5,767.51 |
| | | 6/28/2019 | 21.55 | 21.94 | 0.39 | 5,767.67 |
| | | 9/17/2019 | 21.23 | 21.55 | 0.32 | 5,768.01 |
| | | 12/17/2019 | 20.88 | 21.71 | 0.83 | 5,768.25 |
| | | 3/12/2020 | 20.81 | 21.68 | 0.87 | 5,768.32 |
| | | 6/25/2020 | 20.75 | 21.43 | 0.68 | 5,768.41 |
| | | 9/23/2020 | 20.51 | 21.03 | 0.52 | 5,768.69 |
| | | 3/31/2021 | 20.42 | 20.63 | 0.21 | 5,768.84 |
| | | 6/14/2021 | Trace | 20.71 | Trace | 5,768.59 |
| MW10 | 5,789.30 | 9/24/2021 | | 19.92 | | 5,769.38 |
| - | ., | 12/3/2021 | | 19.80 | | 5,769.50 |
| | | 3/1/2022 | | 19.95 | | 5,769.35 |
| | ľ | 6/7/2022 | Trace | 19.70 | Trace | 5,769.60 |
| | ľ | 9/29/2022 | Trace | 19.43 | Trace | 5,769.87 |
| | | 12/8/2022 | Trace | 19.40 | Trace | 5,769.90 |
| | | 3/2/2023 | Trace | 19.27 | Trace | 5,770.03 |
| | | 6/16/2023 | Trace | 19.11 | Trace | 5,770.19 |
| | | 9/15/2023 | | 19.00 | | 5,770.30 |
| | | 12/15/2023 | | | | |
| | | 3/28/2024 | | 24.62 | | 5,764.68 |

Ensolum 11 of 32



| | | - Jan Ju | lan-oddinty, New | MCXICO | San Juan County, New Mexico | | | | | | | | | |
|-----------------|--------------------------------------|------------|------------------------------------|--|--------------------------------|---|--|--|--|--|--|--|--|--|
| Monitoring Well | Top of Casing Elevation (feet) | Date | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet AMSL) | | | | | | | | |
| | | 10/22/2018 | | 19.89 | | 5,768.10 | | | | | | | | |
| | | 3/29/2019 | | 19.63 | | 5,768.36 | | | | | | | | |
| | | 6/28/2019 | | 19.37 | - | 5,768.62 | | | | | | | | |
| | | 9/17/2019 | | 19.31 | 1 | 5,768.68 | | | | | | | | |
| | | 12/17/2019 | | 19.17 | | 5,768.82 | | | | | | | | |
| | | 3/12/2020 | | 18.91 | | 5,769.08 | | | | | | | | |
| | | 6/25/2020 | | 18.85 | - | 5,769.14 | | | | | | | | |
| | | 9/23/2020 | | 18.71 | | 5,769.28 | | | | | | | | |
| | | 3/31/2021 | | 18.40 | | 5,769.59 | | | | | | | | |
| | | 6/14/2021 | | 18.06 | - | 5,769.93 | | | | | | | | |
| MW11 | 5,787.99 | 9/24/2021 | | 17.72 | 1 | 5,770.27 | | | | | | | | |
| | | 12/2/2021 | | 17.79 | 1 | 5,770.20 | | | | | | | | |
| | | 3/1/2022 | | 17.90 | 1 | 5,770.09 | | | | | | | | |
| | | 6/7/2022 | | 17.55 | - | 5,770.44 | | | | | | | | |
| | | 9/29/2022 | | 17.27 | 1 | 5,770.72 | | | | | | | | |
| | | 12/8/2022 | | 17.19 | | 5,770.80 | | | | | | | | |
| | | 3/2/2023 | | 16.97 | - | 5,771.02 | | | | | | | | |
| | | 6/16/2023 | | 16.74 | | 5,771.25 | | | | | | | | |
| | | 9/14/2023 | | 16.75 | | 5,771.24 | | | | | | | | |
| | | 12/14/2023 | | 16.68 | 1 | 5,771.31 | | | | | | | | |
| | | 3/28/2024 | | 17.08 | | 5,770.91 | | | | | | | | |
| | | 10/22/2018 | | 21.77 | | 5,767.80 | | | | | | | | |
| | | 3/29/2019 | | 21.88 | | 5,767.69 | | | | | | | | |
| | | 6/28/2019 | | 21.67 | | 5,767.90 | | | | | | | | |
| | | 9/17/2019 | | 21.49 | | 5,768.08 | | | | | | | | |
| | | 12/17/2019 | | 21.54 | | 5,768.03 | | | | | | | | |
| | | 3/12/2020 | | 21.31 | | 5,768.26 | | | | | | | | |
| | | 6/25/2020 | | 21.21 | | 5,768.36 | | | | | | | | |
| | | 9/23/2020 | | 21.02 | | 5,768.55 | | | | | | | | |
| | | 3/31/2021 | | 20.93 | | 5,768.64 | | | | | | | | |
| | | 6/14/2021 | | 20.61 | | 5,768.96 | | | | | | | | |
| MW12 | 5,789.57 | 9/24/2021 | | 20.17 | | 5,769.40 | | | | | | | | |
| | · | 12/2/2021 | | 20.17 | | 5,769.40 | | | | | | | | |
| | | 3/1/2022 | | 20.30 | | 5,769.27 | | | | | | | | |
| | | 6/7/2022 | | 20.02 | | 5,769.55 | | | | | | | | |
| | | 9/29/2022 | | 19.68 | | 5,769.89 | | | | | | | | |
| | | 12/8/2022 | | 19.57 | | 5,770.00 | | | | | | | | |
| | | 3/2/2023 | | 19.32 | | 5,770.25 | | | | | | | | |
| | | 6/16/2023 | | 19.11 | | 5,770.46 | | | | | | | | |
| | | 9/14/2023 | | 19.04 | | 5,770.53 | | | | | | | | |
| | | 12/14/2023 | | 19.01 | | 5,770.56 | | | | | | | | |
| | | 3/28/2024 | | 19.49 | | 5,770.08 | | | | | | | | |

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| | Ton of Cooing | | Don'th to | | Dungland | Groundwater |
|-----------------|--------------------------------------|------------|------------------------------------|--|--------------------------------|--------------------------|
| Monitoring Well | Top of Casing Elevation (feet) | Date | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Elevation (feet AMSL) |
| | | 10/22/2018 | | DRY | | DRY |
| | | 3/29/2019 | | DRY | | DRY |
| | | 6/28/2019 | | DRY | | DRY |
| | | 9/17/2019 | | DRY | | DRY |
| | | 12/17/2019 | | DRY | | DRY |
| | | 3/12/2020 | | DRY | | DRY |
| | | 6/25/2020 | | DRY | | DRY |
| | | 9/23/2020 | | DRY | | DRY |
| | | 3/31/2021 | | DRY | | DRY |
| | | 6/14/2021 | | DRY | | DRY |
| MW13 | 5,785.16 | 9/24/2021 | | DRY | | DRY |
| | | 12/2/2021 | | DRY | | DRY |
| | | 3/1/2022 | | DRY | | DRY |
| | | 6/7/2022 | | DRY | | DRY |
| | | 9/29/2022 | | DRY | | DRY |
| | | 12/8/2022 | | DRY | | DRY |
| | | 3/2/2023 | | DRY | | DRY |
| | | 6/16/2023 | | DRY | | DRY |
| | | 9/14/2023 | | DRY | | DRY |
| | | 12/14/2023 | | DRY | | DRY |
| | | 3/28/2024 | | DRY | | DRY |
| | | 10/22/2018 | | 22.87 | | 5,762.59 |
| | | 3/29/2019 | 20.26 | 20.47 | 0.21 | 5,765.16 |
| | | 6/28/2019 | 19.15 | 19.16 | 0.01 | 5,766.31 |
| | | 9/17/2019 | 18.65 | 18.69 | 0.04 | 5,766.80 |
| | | 12/17/2019 | 18.61 | 18.74 | 0.13 | 5,766.82 |
| | | 3/12/2020 | | 18.81 | | 5,766.65 |
| | | 6/25/2020 | | 18.18 | | 5,767.28 |
| | | 9/23/2020 | | 17.92 | | 5,767.54 |
| | | 3/31/2021 | | 17.92 | | 5,767.54 |
| | | 6/14/2021 | Trace | 17.78 | Trace | 5,767.68 |
| MW14 | 5,785.46 | 9/24/2021 | | 17.52 | | 5,767.94 |
| | | 12/3/2021 | | 17.79 | | 5,767.67 |
| | | 3/1/2022 | | 17.18 | | 5,768.28 |
| | | 6/7/2022 | | 16.84 | | 5,768.62 |
| | | 9/29/2022 | | 16.37 | | 5,769.09 |
| | | 12/8/2022 | | 16.17 | - | 5,769.29 |
| | | 3/2/2023 | Trace | 15.91 | Trace | 5,769.55 |
| | | 6/16/2023 | Trace | 15.63 | Trace | 5,769.83 |
| | | 9/14/2023 | | 15.65 | - | 5,769.81 |
| | | 12/14/2023 | | 15.63 | | 5,769.83 |
| | | 3/28/2024 | Trace | 15.84 | Trace | 5,769.62 |

Ensolum 13 of 32



| Monitoring Well | Top of Casing Elevation (feet) | Date | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet AMSL) |
|-----------------|--------------------------------------|------------|------------------------------|--|--------------------------------|---|
| | (.551) | 0/00/25:55 | | ` ' | | |
| | | 3/29/2019 | | DRY | | DRY |
| | | 6/28/2019 | | 35.95 | | 5,756.24 |
| | | 9/17/2019 | | 33.22 | | 5,758.97 |
| | | 12/17/2019 | | 31.61 | | 5,760.58 |
| | | 3/12/2020 | | 31.42 | | 5,760.77 |
| | | 6/25/2020 | | 30.41 | | 5,761.78 |
| | | 9/23/2020 | | 27.42 | | 5,764.77 |
| | | 3/31/2021 | | 27.8 | | 5,764.39 |
| | | 6/14/2021 | | 29.18 | | 5,763.01 |
| MW15 | 5,792.19 | 9/24/2021 | | 26.69 | | 5,765.50 |
| 14144 10 | 0,7 02.10 | 12/3/2021 | | 26.82 | | 5,765.37 |
| | | 3/1/2022 | | 26.57 | | 5,765.62 |
| | | 6/7/2022 | | 26.49 | | 5,765.70 |
| | | 9/29/2022 | | 25.95 | | 5,766.24 |
| | | 12/8/2022 | | 26.21 | | 5,765.98 |
| | | 3/2/2023 | | 25.95 | | 5,766.24 |
| | | 6/16/2023 | | 25.08 | | 5,767.11 |
| | | 9/14/2023 | | 25.97 | | 5,766.22 |
| | | 12/14/2023 | | | | |
| | | 3/28/2024 | | 21.03 | | 5,771.16 |
| | | 3/29/2019 | | 28.59 | | 5,757.95 |
| | | 6/28/2019 | | 21.00 | | 5,765.54 |
| | | 9/17/2019 | | 20.91 | | 5,765.63 |
| | | 12/17/2019 | | 21.11 | | 5,765.43 |
| | | 3/12/2020 | | 20.89 | | 5,765.65 |
| | | 6/25/2020 | | 20.51 | | 5,766.03 |
| | | 9/23/2020 | | 20.37 | | 5,766.17 |
| | | 3/31/2021 | 19.99 | 20.04 | 0.05 | 5,766.54 |
| | | 6/14/2021 | Trace | 19.51 | Trace | 5,767.03 |
| | | 9/24/2021 | | 18.81 | | 5,767.73 |
| MW16 | 5,786.54 | 12/2/2021 | Trace | 18.46 | Trace | 5,768.08 |
| | | 3/1/2022 | | 18.39 | | 5,768.15 |
| | | 6/7/2022 | | 18.00 | | 5,768.54 |
| | | 9/29/2022 | 17.53 | 17.54 | 0.01 | 5,769.01 |
| | | 12/8/2022 | | 17.32 | | 5,769.22 |
| | | 3/2/2023 | | 17.03 | | 5,769.51 |
| | | 6/16/2023 | | 16.81 | | 5,769.73 |
| | | 9/14/2023 | | 16.82 | | 5,769.72 |
| | | 12/15/2023 | | 16.75 | | 5,769.79 |
| | | 3/28/2024 | | 16.91 | | 5,769.63 |
| | | 3/20/2024 | | 10.91 | | 5,769.63 |

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| | Top of Casing | | Depth to | Depth to | Product | Groundwater |
|-----------------|---------------------|------------|------------------------|----------------------------|---------------------|--------------------------|
| Monitoring Well | Elevation (feet) | Date | Product (feet BTOC) | Groundwater (feet BTOC) | Thickness (feet) | Elevation (feet AMSL) |
| | | 3/29/2019 | | DRY | | DRY |
| | | 6/28/2019 | | DRY | | DRY |
| | | 9/17/2019 | | 30.24 | | 5,755.01 |
| | | 12/17/2019 | | DRY | | DRY |
| | | 3/12/2020 | | DRY | | DRY |
| | | 6/25/2020 | | DRY | | DRY |
| | | 9/23/2020 | | DRY | | DRY |
| | | 3/31/2021 | | DRY | | DRY |
| | | 6/14/2021 | | DRY | | DRY |
| NAVA 4 7 | E 70E 0E | 9/24/2021 | | DRY | | DRY |
| MW17 | 5,785.25 | 12/2/2021 | | 30.24 | | 5,755.01 |
| | | 3/1/2022 | | DRY | | DRY |
| | | 6/7/2022 | | 30.21 | | 5,755.04 |
| | | 9/29/2022 | | 30.22 | | 5,755.03 |
| | | 12/8/2022 | | 28.68 | | 5,756.57 |
| | | 3/2/2023 | | 25.58 | | 5,759.67 |
| | | 6/16/2023 | | 22.13 | 1 | 5,763.12 |
| | | 9/14/2023 | | 20.78 | | 5,764.47 |
| | | 12/15/2023 | | 21.68 | | 5,763.57 |
| | | 3/28/2024 | | 22.38 | | 5,762.87 |
| | | 3/29/2019 | | DRY | | DRY |
| | | 6/28/2019 | | 20.39 | | 5,768.95 |
| | | 9/17/2019 | | 19.06 | | 5,770.28 |
| | | 12/17/2019 | | 19.98 | | 5,769.36 |
| | | 3/12/2020 | | 19.98 | | 5,769.36 |
| | | 6/25/2020 | | 19.79 | | 5,769.55 |
| | | 9/23/2020 | | 19.55 | | 5,769.79 |
| | | 3/31/2021 | | 19.43 | | 5,769.91 |
| | | 6/14/2021 | | 18.98 | | 5,770.36 |
| | | 9/24/2021 | | 18.52 | | 5,770.82 |
| MW18 | 5,789.34 | 12/2/2021 | | 18.64 | | 5,770.70 |
| | | 3/1/2022 | | 18.90 | | 5,770.44 |
| | | 6/7/2022 | | 18.25 | | 5,771.09 |
| | | 9/29/2022 | | 18.01 | | 5,771.33 |
| | | 12/8/2022 | | 17.91 | | 5,771.43 |
| | | 3/2/2023 | | 17.64 | | 5,771.70 |
| | | 6/16/2023 | | 17.38 | | 5,771.96 |
| | | 9/14/2023 | | 17.43 | | 5,771.91 |
| | | 12/14/2023 | | 17.37 | | 5,771.97 |
| | | 3/27/2024 | | 17.61 | | 5,771.73 |
| | | 0,2.,202. | | | | 5, |

Ensolum 15 of 32



| Can dain Sounty, New Mexico | | | | | | | |
|-----------------------------|--------------------------------------|------------|------------------------------------|--|--------------------------------|---|--|
| Monitoring Well | Top of Casing Elevation (feet) | Date | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet AMSL) | |
| | | 3/29/2019 | | 19.60 | | 5,766.88 | |
| | | 6/28/2019 | | 19.55 | | 5,766.93 | |
| | | 9/17/2019 | | 19.35 | | 5,767.13 | |
| | | 12/17/2019 | | 19.37 | | 5,767.11 | |
| | | 3/12/2020 | | 19.45 | | 5,767.03 | |
| | | 6/25/2020 | | 19.30 | | 5,767.18 | |
| | | 9/23/2020 | | 19.08 | | 5,767.40 | |
| | | 3/31/2021 | | 19.21 | | 5,767.27 | |
| | | 6/14/2021 | | 19.10 | | 5,767.38 | |
| MW19 | 5,786.48 | 9/24/2021 | | 18.70 | | 5,767.78 | |
| IVIVVIS | 3,760.46 | 12/2/2021 | | DRY | | DRY | |
| | | 3/1/2022 | | 18.49 | | 5,767.99 | |
| | | 6/7/2022 | | 18.35 | | 5,768.13 | |
| | | 9/29/2022 | | 17.15 | | 5,769.33 | |
| | | 12/8/2022 | | 18.19 | | 5,768.29 | |
| | | 3/2/2023 | | 17.93 | | 5,768.55 | |
| | | 6/16/2023 | | 17.72 | | 5,768.76 | |
| | | 9/14/2023 | | 17.58 | | 5,768.90 | |
| | | 12/15/2023 | | 17.63 | | 5,768.85 | |
| | | 3/28/2024 | | 18.27 | | 5,768.21 | |
| | | 3/29/2019 | | 29.61 | | 5,753.73 | |
| | | 6/28/2019 | | 30.00 | | 5,753.34 | |
| | | 9/17/2019 | | 30.21 | | 5,753.13 | |
| | | 12/17/2019 | | 30.15 | | 5,753.19 | |
| | | 3/12/2020 | | 30.30 | | 5,753.04 | |
| | | 6/25/2020 | | DRY | | DRY | |
| | | 9/23/2020 | | DRY | | DRY | |
| | | 3/31/2021 | | DRY | | DRY | |
| | | 6/14/2021 | | DRY | | DRY | |
| 141400 | 5 700 04 | 9/24/2021 | | DRY | | DRY | |
| MW20 | 5,783.34 | 12/2/2021 | | 30.24 | | 5,753.10 | |
| | | 3/1/2022 | | DRY | | DRY | |
| | | 6/7/2022 | | DRY | | DRY | |
| | | 9/29/2022 | | DRY | | DRY | |
| | | 12/8/2022 | | 30.25 | | 5,753.09 | |
| | | 3/2/2023 | | DRY | | DRY | |
| | | 6/16/2023 | | 30.25 | | 5,753.09 | |
| | | 9/14/2023 | | DRY | | DRY | |
| | | 12/15/2023 | | DRY | | DRY | |
| | | 3/27/2024 | | DRY | | DRY | |

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| | Top of Casing | | Depth to | Depth to | Product | Groundwater |
|-----------------|---------------|------------|------------------------|----------------------------|---------------------|--------------------------|
| Monitoring Well | | Date | Product (feet BTOC) | Groundwater (feet BTOC) | Thickness (feet) | Elevation (feet AMSL) |
| | | 3/29/2019 | | DRY | | DRY |
| | | 6/28/2019 | | DRY | | DRY |
| | | 9/17/2019 | | DRY | | DRY |
| | | 12/17/2019 | | DRY | | DRY |
| | | 3/12/2020 | | DRY | | DRY |
| | | 6/25/2020 | | DRY | | DRY |
| | | 9/23/2020 | | DRY | | DRY |
| | | 3/31/2021 | | DRY | | DRY |
| | | 6/14/2021 | | DRY | | DRY |
| MINIOA | E 000 20 | 9/24/2021 | | DRY | | DRY |
| MW21 | 5,800.30 | 12/2/2021 | | DRY | | DRY |
| | | 3/1/2022 | | DRY | | DRY |
| | | 6/7/2022 | | DRY | | DRY |
| | | 9/29/2022 | | DRY | | DRY |
| | | 12/8/2022 | | DRY | | DRY |
| | | 3/2/2023 | | DRY | | DRY |
| | | 6/16/2023 | | DRY | | DRY |
| | | 9/14/2023 | | DRY | | DRY |
| | | 12/15/2023 | | DRY | | DRY |
| | | 3/27/2024 | | DRY | | DRY |
| | | 3/29/2019 | | 22.56 | | 5,763.69 |
| | | 6/28/2019 | | 17.62 | | 5,768.63 |
| | | 9/17/2019 | | 17.54 | | 5,768.71 |
| | | 12/17/2019 | | 17.35 | | 5,768.90 |
| | | 3/12/2020 | | 17.10 | | 5,769.15 |
| | | 6/25/2020 | | 17.04 | | 5,769.21 |
| | | 9/23/2020 | | 16.85 | | 5,769.40 |
| | | 3/31/2021 | | 16.43 | | 5,769.82 |
| | | 6/14/2021 | | 16.10 | | 5,770.15 |
| | | 9/24/2021 | | 15.74 | | 5,770.51 |
| MW22 | 5,786.25 | 12/2/2021 | | 15.84 | | 5,770.41 |
| | | 3/1/2022 | | 15.95 | | 5,770.30 |
| | | 6/7/2022 | | 15.53 | | 5,770.72 |
| | | 9/29/2022 | | 15.25 | | 5,771.00 |
| | | 12/8/2022 | | 15.16 | | 5,771.09 |
| | | 3/2/2023 | | 14.90 | | 5,771.35 |
| | | 6/16/2023 | | 14.68 | | 5,771.57 |
| | | 9/14/2023 | | 14.97 | | 5,771.28 |
| | | 12/14/2023 | | 14.64 | | 5,771.61 |
| | | 3/28/2024 | | 14.77 | | 5,771.48 |

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| | Top of Casing | | Depth to | Depth to | Product | Groundwater |
|-----------------|---------------|------------|------------------------|----------------------------|---------------------|--------------------------|
| Monitoring Well | | Date | Product (feet BTOC) | Groundwater (feet BTOC) | Thickness (feet) | Elevation (feet AMSL) |
| | | 6/28/2019 | | 45.99 | | 5,758.81 |
| | | 9/17/2019 | | 40.23 | - | 5,764.57 |
| | | 12/17/2019 | | 39.16 | - | 5,765.64 |
| | | 3/12/2020 | | 38.71 | | 5,766.09 |
| | | 6/25/2020 | | 38.92 | 1 | 5,765.88 |
| | | 9/23/2020 | | 38.83 | 1 | 5,765.97 |
| | | 3/31/2021 | | 37.97 | 1 | 5,766.83 |
| | | 6/14/2021 | | 37.90 | - | 5,766.90 |
| | | 9/24/2021 | | 37.44 | | 5,767.36 |
| MW23 | 5,804.80 | 12/3/2021 | | 37.32 | - | 5,767.48 |
| | | 3/1/2022 | | 37.38 | - | 5,767.42 |
| | | 6/7/2022 | | 36.99 | | 5,767.81 |
| | | 9/29/2022 | | 36.61 | | 5,768.19 |
| | | 12/8/2022 | | 36.49 | | 5,768.31 |
| | | 3/2/2023 | | 36.11 | | 5,768.69 |
| | | 6/16/2023 | | 35.70 | | 5,769.10 |
| | | 9/15/2023 | | 35.58 | | 5,769.22 |
| | | 12/14/2023 | | 35.48 | | 5,769.32 |
| | | 3/27/2024 | | 35.25 | | 5,769.55 |
| | | 6/28/2019 | | DRY | | DRY |
| | | 9/17/2019 | | DRY | | DRY |
| | | 12/17/2019 | | DRY | | DRY |
| | | 3/12/2020 | | DRY | | DRY |
| | | 6/25/2020 | | DRY | | DRY |
| | | 9/23/2020 | | DRY | | DRY |
| | | 3/31/2021 | | DRY | | DRY |
| | | 6/14/2021 | | DRY | | DRY |
| | | 9/24/2021 | | DRY | | DRY |
| MW24 | 5,782.50 | 12/2/2021 | | 33.08 | | 5,749.42 |
| | , | 3/1/2022 | | DRY | | DRY |
| | | 6/7/2022 | | DRY | | DRY |
| | | 9/29/2022 | | 33.09 | | 5,749.41 |
| | | 12/8/2022 | | DRY | | DRY |
| | | 3/2/2023 | | 33.07 | | 5,749.43 |
| | | 6/16/2023 | | DRY | | DRY |
| | | 9/15/2023 | | DRY | | DRY |
| | | 12/14/2023 | | DRY | | DRY |
| | | 3/27/2024 | | DRY | | DRY |

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| Monitoring Well | Top of Casing Elevation (feet) | Date | Depth to Product (feet BTOC) | Depth to Groundwater (feet BTOC) | Product Thickness (feet) | Groundwater Elevation (feet AMSL) |
|-----------------|--------------------------------------|------------|------------------------------------|--|--------------------------------|---|
| | | 6/28/2019 | | 32.98 | | 5,742.67 |
| | | 9/17/2019 | | 32.91 | 1 | 5,742.74 |
| | | 12/17/2019 | | 32.92 | - | 5,742.73 |
| | | 3/12/2020 | | 32.92 | | 5,742.73 |
| | | 6/25/2020 | | 32.93 | | 5,742.72 |
| | | 9/23/2020 | | DRY | | DRY |
| | | 3/31/2021 | | DRY | - | DRY |
| | | 6/14/2021 | | DRY | | DRY |
| | | 9/24/2021 | | DRY | 1 | DRY |
| MW25 | 5,775.65 | 12/1/2021 | | 33.06 | - | 5,742.59 |
| | | 3/1/2022 | | DRY | 1 | DRY |
| | | 6/7/2022 | | 33.04 | | 5,742.61 |
| | | 9/29/2022 | | 33.05 | | 5,742.60 |
| | | 12/8/2022 | | DRY | | DRY |
| | | 3/2/2023 | | DRY | | DRY |
| | | 6/16/2023 | | DRY | | DRY |
| | | 9/15/2023 | | DRY | | DRY |
| | | 12/14/2023 | | DRY | | DRY |
| | | 3/27/2024 | | DRY | | DRY |
| | | 6/28/2019 | | 19.71 | | 5,770.25 |
| | | 9/17/2019 | | 19.64 | - | 5,770.32 |
| | | 12/17/2019 | | 19.41 | | 5,770.55 |
| | | 3/12/2020 | | 19.29 | | 5,770.67 |
| | | 6/25/2020 | | 19.29 | | 5,770.67 |
| | | 9/23/2020 | | 19.28 | | 5,770.68 |
| | | 3/31/2021 | | 18.64 | | 5,771.32 |
| | | 6/14/2021 | | 18.30 | | 5,771.66 |
| | | 9/24/2021 | | 18.32 | | 5,771.64 |
| MW26 | 5,789.96 | 12/3/2021 | | 18.55 | | 5,771.41 |
| | | 3/1/2022 | | 18.50 | | 5,771.46 |
| | | 6/7/2022 | | 17.86 | | 5,772.10 |
| | | 9/29/2022 | | 17.81 | | 5,772.15 |
| | | 12/8/2022 | | 17.65 | | 5,772.31 |
| | | 3/2/2023 | | 17.30 | | 5,772.66 |
| | | 6/16/2023 | | 17.04 | | 5,772.92 |
| | | 9/14/2023 | | 17.20 | | 5,772.76 |
| | | 12/14/2023 | | 17.12 | | 5,772.84 |
| | | 3/27/2024 | | 16.98 | | 5,772.98 |

Notes:

AMSL: above mean sea level BTOC: below top of casing

Trace: trace amounts of free product in well

--: not measured

A product density factor if 0.8 was used to account for the presence of free product

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| | | TABLE | 7 | | | | | |
|-----------------|--------------|--|------------------------|-----------------------|---------------|--|--|--|
| | CDOUNE | | | | | | | |
| | GROUNL | | YTICAL RESULT | 8 | | | | |
| | | Standard | | | | | | |
| | Sa | Hilcorp Energy (In Juan County, I | | | | | | |
| | Sa | Benzene | Toluene | Ethylbenzene | Total Xylenes | | | |
| Monitoring Well | Date | (mg/L) | (mg/L) | (mg/L) | (mg/L) | | | |
| NMWQCC Sta | _ Indard | 0.005 | 1.0 | 0.7 | 0.62 | | | |
| | 10/22/2018 | | No sample collected d | lue to presence of PS | SH | | | |
| | 3/29/2019 | ı | No sample collected of | lue to presence of PS | SH SH | | | |
| | 6/28/2019 | ı | No sample collected of | lue to presence of PS | SH SH | | | |
| | 9/17/2019 | ı | No sample collected of | lue to presence of PS | SH SH | | | |
| | 12/17/2019 | ı | No sample collected of | lue to presence of PS | SH SH | | | |
| | 3/12/2020 | ı | No sample collected of | lue to presence of PS | SH . | | | |
| | 6/25/2020 | ı | No sample collected of | lue to presence of PS | SH . | | | |
| | 9/23/2020 | ı | No sample collected of | lue to presence of PS | SH SH | | | |
| | 3/21/2021 | ı | No sample collected of | lue to presence of PS | SH SH | | | |
| | 6/14/2021 | ı | No sample collected d | lue to presence of PS | SH . | | | |
| MW01 | 9/20/2021 | 27 | 39 | 1.3 | 15 | | | |
| | 12/2/2021 | ! | No sample collected d | lue to presence of PS | SH | | | |
| | 3/1/2022 | 1 | No sample collected o | lue to presence of PS | SH . | | | |
| | 6/7/2022 | ! | No sample collected d | lue to presence of PS | SH . | | | |
| | 9/29/2022 | 1 | No sample collected o | lue to presence of PS | SH . | | | |
| | 12/8/2022 | 1 | No sample collected o | lue to presence of PS | SH . | | | |
| | 3/2/2023 | No sample collected due to presence of PSH | | | | | | |
| | 6/16/2023 | No sample collected due to presence of PSH | | | | | | |
| | 9/15/2023 | NS | NS | NS | NS | | | |
| | 12/14/2023 | NS | NS | NS | NS | | | |
| | 3/27/2024 | 24 | 34 | 1.5 | 17 | | | |
| | 10/22/2018 | 14 | 7.1 | 1.2 | 12 | | | |
| | 3/29/2019 | ı | No sample collected o | lue to presence of PS | SH . | | | |
| | 6/28/2019 | 1 | No sample collected of | lue to presence of PS | H | | | |
| | 9/17/2019 | I | No sample collected o | lue to presence of PS | SH . | | | |
| | 12/17/2019 | I | No sample collected o | lue to presence of PS | H | | | |
| | 3/12/2020 | 17 | 8.2 | 1.8 | 15 | | | |
| | 6/25/2020 | 19 | 18 | 2.3 | 21 | | | |
| | 9/23/2020 | 17 | 16 | 2.8 | 25 | | | |
| | 3/31/2021 | 16 | 12 | 2.0 | 20 | | | |
| | 6/14/2021 | I | No sample collected of | lue to presence of PS | SH | | | |
| MW02 | 9/20/2021 | 15 | 7.3 | 1.6 | 20 | | | |
| | 12/3/2021 | 16 | 6.9 | 1.8 | 21 | | | |
| | 3/1/2022 | 14 | 4.4 | 1.3 | 15 | | | |
| | 6/7/2022 | I | No sample collected of | lue to presence of PS | SH . | | | |
| | 9/29/2022 | 16 | 2.6 | 1.6 | 16 | | | |
| | 12/8/2022 | 16 | 2.5 | 1.9 | 18 | | | |
| | 3/2/2023 | | No sample collected of | | | | | |
| | 6/16/2023 | | No sample collected o | 1 | | | | |
| | 9/15/2023 | NS | NS | NS | NS | | | |
| | 12/14/2023 | NS | NS | NS | NS | | | |
| | 3/27/2024 | 14 | 3.6 | 0.33 | 6.8 | | | |

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TABLE 7 **GROUNDWATER ANALYTICAL RESULTS** Standard #1 **Hilcorp Energy Company** San Juan County, New Mexico Benzene Toluene Ethylbenzene **Total Xylenes Monitoring Well** Date (mg/L) (mg/L) (mg/L) (mg/L) NMWQCC Standard 0.005 1.0 0.7 0.62 10/22/2018 Insufficient Water Volumes to Collect Sample 3/29/2019 21 0.110 11 6/28/2019 Insufficient Water Volumes to Collect Sample 9/17/2019 0.25 0.22 12 6.9 12/17/2019 Insufficient Water Volumes to Collect Sample 3/12/2020 0.47 15 < 0.20 6.3 6/25/2020 14 0.11 0.51 1.5 9/23/2020 14 0.57 0.46 3.5 3/31/2021 0.48 13 1.3 1.7 6/14/2021 12 1.8 0.37 4.9 9/23/2021 13 4.2 0.34 8.2 MW03 12/3/2021 0.54 16 5.5 2.3 3/1/2022 0.59 16 2.2 6.0 6/7/2022 0.70 16 2.6 6.6 9/29/2022 0.66 17 1.0 6.4 12/8/2022 17 1.0 0.73 6.8 3/2/2023 17 1.1 0.65 5.6 6/16/2023 16 1.8 0.68 6.2 9/15/2023 18 1.0 0.65 5.8 12/14/2023 NS NS NS NS 3/27/2024 9.2 5.5 < 0.20 4.3 10/22/2018 Insufficient Water Volumes to Collect Sample 3/29/2019 Insufficient Water Volumes to Collect Sample 6/28/2019 Insufficient Water Volumes to Collect Sample 9/17/2019 Insufficient Water Volumes to Collect Sample 12/17/2019 Insufficient Water Volumes to Collect Sample 3/12/2020 Insufficient Water Volumes to Collect Sample 6/25/2020 Insufficient Water Volumes to Collect Sample 9/23/2020 Insufficient Water Volumes to Collect Sample 3/31/2021 0.018 1.1 < 0.002 0.095 6/14/2021 0.0035 0.11 0.020 1.7 MW04 9/20/2021 0.83 0.045 0.051 0.14 12/3/2021 1.3 < 0.010 0.099 < 0.020 3/1/2022 0.91 <0.020 0.066 < 0.040 6/7/2022 <0.0010 0.24 < 0.0010 < 0.0020 0.033 9/29/2022 1.5 < 0.020 < 0.030 12/8/2022 No sample collected due to presence of PSH 3/2/2023 0.32 <0.016 6/16/2023 No sample collected due to presence of PSH 9/15/2023 No sample collected due to presence of PSH 12/14/2023 No sample collected due to presence of PSH 3/27/2024 No sample collected due to presence of PSH

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TABLE 7 **GROUNDWATER ANALYTICAL RESULTS** Standard #1 **Hilcorp Energy Company** San Juan County, New Mexico Benzene Toluene Ethylbenzene **Total Xylenes Monitoring Well** Date (mg/L) (mg/L) (mg/L) (mg/L) NMWQCC Standard 0.005 1.0 0.7 0.62 10/22/2018 Insufficient Water Volumes to Collect Sample 3/29/2019 10 0.88 0.45 2.9 6/28/2019 5.9 0.16 0.20 1.4 9/17/2019 0.77 0.11 3.1 5.0 12/17/2019 0.14 0.15 5.4 2.6 3/12/2020 0.13 0.18 4.4 1.0 6/25/2020 5.0 0.17 0.087 0.70 9/23/2020 3.9 1.1 0.26 4.2 3/31/2021 2.5 6.0 0.73 15 6/14/2021 4.4 1.8 0.55 18 MW05 9/20/2021 3.5 4.0 0.80 20 12/3/2021 3.5 0.72 19 3.6 3/1/2022 0.62 13 2.9 0.81 6/7/2022 No sample collected due to presence of PSH 9/29/2022 No sample collected due to presence of PSH 12/8/2022 No sample collected due to presence of PSH No sample collected due to presence of PSH 3/2/2023 6/16/2023 No sample collected due to presence of PSH 9/15/2023 No sample collected due to presence of PSH 12/14/2023 No sample collected due to presence of PSH 3/27/2024 No sample collected due to presence of PSH 10/22/2018 No sample collected due to presence of PSH 3/29/2019 No sample collected due to presence of PSH 6/28/2019 No sample collected due to presence of PSH 9/17/2019 No sample collected due to presence of PSH 12/17/2019 No sample collected due to presence of PSH 3/12/2020 19 14 6/25/2020 20 31 1.5 17 9/23/2020 24 1.5 16 18 3/31/2021 16 1.7 21 9/24/2021 No sample collected due to presence of PSH 9/20/2021 MW06 14 19 1.3 16 12/3/2021 13 19 1.3 17 3/1/2022 13 20 1.3 18 6/7/2022 11 15 1.1 16 9/29/2022 No sample collected due to presence of PSH 12/8/2022 No sample collected due to presence of PSH 3/2/2023 No sample collected due to presence of PSH 6/16/2023 No sample collected due to presence of PSH No sample collected due to presence of PSH 9/15/2023 12/14/2023 NS NS NS NS 3/27/2024 2.9 3.1 0.59 8.7

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TABLE 7 **GROUNDWATER ANALYTICAL RESULTS** Standard #1 **Hilcorp Energy Company** San Juan County, New Mexico Benzene Toluene Ethylbenzene **Total Xylenes Monitoring Well** Date (mg/L) (mg/L) (mg/L) (mg/L) NMWQCC Standard 0.005 1.0 0.7 0.62 10/22/2018 Well Damaged, No Sample Collected 3/29/2019 Well Damaged, No Sample Collected 6/28/2019 Well Damaged, No Sample Collected 9/17/2019 Well Damaged, No Sample Collected 12/17/2019 Well Damaged, No Sample Collected 3/12/2020 Well Damaged, No Sample Collected 6/25/2020 Well Damaged, No Sample Collected 9/23/2020 Well Damaged, No Sample Collected 3/31/2021 Well Damaged, No Sample Collected 6/14/2021 Well Damaged, No Sample Collected 9/20/2021 MW07 Well Damaged, No Sample Collected 12/3/2021 Well Damaged, No Sample Collected 3/1/2022 Well Damaged, No Sample Collected 6/7/2022 Well Damaged, No Sample Collected 9/29/2022 Well Damaged, No Sample Collected 12/8/2022 Well Damaged, No Sample Collected 3/2/2023 Well Damaged, No Sample Collected 6/16/2023 Well Damaged, No Sample Collected 9/15/2023 Well Damaged, No Sample Collected 12/14/2023 Well Damaged, No Sample Collected 3/27/2024 Well Damaged, No Sample Collected 10/22/2018 Insufficient Water Volumes to Collect Sample 3/29/2019 Insufficient Water Volumes to Collect Sample <0.0010 6/28/2019 < 0.0010 < 0.0010 < 0.0020 9/17/2019 < 0.0010 < 0.0010 <0.0010 <0.0020 3/12/2020 < 0.0010 < 0.0010 < 0.0010 0.0017 6/25/2020 < 0.0010 <0.0010 <0.0010 <0.0015 9/23/2020 < 0.0010 <0.0010 <0.0010 < 0.0015 3/31/2021 < 0.0010 < 0.0010 < 0.0010 < 0.0015 6/14/2021 <0.0010 < 0.0015 < 0.0010 < 0.0010 9/23/2021 < 0.0010 < 0.0010 < 0.0010 < 0.0020 MW08 12/2/2021 < 0.0010 < 0.0010 < 0.0010 < 0.0020 3/1/2022 < 0.0010 <0.0010 <0.0010 < 0.0020 6/7/2022 < 0.0010 < 0.0010 < 0.0010 < 0.0020 <0.0015 9/29/2022 < 0.0010 < 0.0010 < 0.0010 12/8/2022 < 0.0010 <0.0010 <0.0010 <0.0015 3/2/2023 < 0.0010 < 0.0010 < 0.0010 < 0.0020 <0.0010 6/16/2023 < 0.0010 <0.0010 < 0.0020 9/14/2023 < 0.0010 <0.0010 <0.0010 < 0.0020 12/14/2023 < 0.0010 < 0.0010 < 0.0010 < 0.0020 <0.0010 3/27/2024 < 0.0010 < 0.0010 < 0.0015

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| Monitoring Well | | | TABLE | 7 | | | | | | |
|---|-----------------|------------|--|-------------------------|---------------------------------------|--------|--|--|--|--|
| Monitoring Well Date Genzene Toluene (mg/L) (| | | | | | | | | | |
| Monitoring Well Date Benzene Toluene (mg/L) (| | GROUNE | | | S | | | | | |
| Monitoring Well Date Benzene Toluene Ethylbenzene (mg/L) (mg/ | | | | | | | | | | |
| Name | | | | | | | | | | |
| NMWQCC Standard | | Sa | ın Juan County, | New Mexico | | | | | | |
| NMWQCC Standard 0,005 1,0 0,7 0,62 | Monitoring Well | Date | | | | _ | | | | |
| 10/22/2018 | | | (mg/L) | (mg/L) | (mg/L) | | | | | |
| 3/29/2019 Insufficient Water Volumes to Collect Sample 6/28/2019 Insufficient Water Volumes to Collect Sample 9/17/2019 Insufficient Water Volumes to Collect Sample 12/17/2019 Insufficient Water Volumes to Collect Sample 12/17/2019 Insufficient Water Volumes to Collect Sample 12/17/2019 Insufficient Water Volumes to Collect Sample 6/25/2020 Insufficient Water Volumes to Collect Sample 9/23/2020 Insufficient Water Volumes to Collect Sample 9/23/2020 Insufficient Water Volumes to Collect Sample 13/19/2021 Insufficient Water Volumes to Collect Sample 6/14/2021 Insufficient Water Volumes to Collect Sample 12/23/2021 Insufficient Water Volumes to Collect Sample 6/17/2022 Insufficient Water Volumes to Collect Sample 12/28/2022 Insufficient Water Volumes to Collect Sample 12/28/2023 Insufficient Water Volumes to Collect Sample 12/28/2024 | NMWQCC Sta | | 0.005 | 1.0 | 0.7 | 0.62 | | | | |
| 6/28/2019 Insufficient Water Volumes to Collect Sample 9/17/2019 Insufficient Water Volumes to Collect Sample 12/17/2019 Insufficient Water Volumes to Collect Sample 12/17/2019 Insufficient Water Volumes to Collect Sample 3/12/2020 Insufficient Water Volumes to Collect Sample 6/25/2020 Insufficient Water Volumes to Collect Sample 9/23/2020 Insufficient Water Volumes to Collect Sample 6/14/2021 Insufficient Water Volumes to Collect Sample 6/14/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 12/3/2022 Insufficient Water Volumes to Collect Sample 6/16/2022 Insufficient Water Volumes to Collect Sample 12/3/2022 Insufficient Water Volumes to Collect Sample 12/3/2022 Insufficient Water Volumes to Collect Sample 12/3/2023 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes | | | | Insufficient Water Volu | umes to Collect Sample | 1 | | | | |
| 9/17/2019 Insufficient Water Volumes to Collect Sample 12/17/2019 Insufficient Water Volumes to Collect Sample 3/12/2020 Insufficient Water Volumes to Collect Sample 6/25/2020 Insufficient Water Volumes to Collect Sample 9/23/2020 Insufficient Water Volumes to Collect Sample 13/31/2021 Insufficient Water Volumes to Collect Sample 6/14/2021 Insufficient Water Volumes to Collect Sample 12/32/2021 Insufficient Water Volumes to Collect Sample 12/32/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 12/3/2022 Insufficient Water Volumes to Collect Sample 6/17/2022 Insufficient Water Volumes to Collect Sample 12/8/2022 Insufficient Water Volumes to Collect Sample 12/8/2023 Insufficient Water Volumes to Collect Sample 6/16/2023 0.021 0.027 0.0019 0.015 9/15/2023 1.1 0.0036 0.078 1.4 12/15/2023 1.1 0.0036 0.078 1.4 12/15/2023 1.1 0.0036 0.078 1.4 12/15/2023 1.1 0.0036 0.078 1.4 12/15/2023 1.1 0.0036 0.078 1.4 12/15/2023 1.1 0.0036 0.078 1.4 12/15/2023 1.1 0.0036 0.087 0.0015 10/22/2018 22 21 1.6 13 3/29/2019 No sample collected due to presence of PSH 6/28/2019 No sample collected due to presence of PSH 9/17/2019 No sample collected due to presence of PSH 12/17/2019 No sample collected due to presence of PSH 12/17/2020 No sample collected due to presence of PSH 9/23/2020 No sample collected due to presence of PSH 9/23/2020 No sample collected due to presence of PSH 12/13/2021 19 4.8 1.4 15 12/23/2021 19 4.8 1.4 15 12/23/2021 21 5.8 1.4 14 3/11/2022 20 5.6 1.4 13 6/17/2022 PO So sample collected due to presence of PSH No sample collected due | | | | | • | | | | | |
| 12/17/2019 Insufficient Water Volumes to Collect Sample 3/12/2020 Insufficient Water Volumes to Collect Sample 6/25/2020 Insufficient Water Volumes to Collect Sample 9/23/2020 Insufficient Water Volumes to Collect Sample 3/31/2021 Insufficient Water Volumes to Collect Sample 6/14/2021 Insufficient Water Volumes to Collect Sample 6/14/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 12/3/2022 Insufficient Water Volumes to Collect Sample 12/2/2022 Insufficient Water Volumes to Collect Sample 12/2/2022 Insufficient Water Volumes to Collect Sample 12/2/2023 Insufficient Water Volumes to Collect Sample 12/2/2023 Insufficient Water Volumes to Collect Sample 12/2/2023 Insufficient Water Volumes to Collect Sample 14/2/2023 Insufficient Water Volumes to Collect Sample 14/2/2023 14/2/2023 14/2/2023 14/2/2024 14/2/2023 14/2/2023 14/2/2023 14/2/2023 14/2/2023 14/2/2024 14/2/20 | | | | | | | | | | |
| 3/12/2020 Insufficient Water Volumes to Collect Sample | | 9/17/2019 | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| MW09 Insufficient Water Volumes to Collect Sample 9/23/2020 Insufficient Water Volumes to Collect Sample 3/31/2021 Insufficient Water Volumes to Collect Sample 6/14/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 12/3/2022 Insufficient Water Volumes to Collect Sample 6/7/2022 Insufficient Water Volumes to Collect Sample 12/8/2022 Insufficient Water Volumes to Collect Sample 12/8/2022 Insufficient Water Volumes to Collect Sample 12/8/2022 Insufficient Water Volumes to Collect Sample 12/8/2023 Insufficient Water Volumes to Collect Sample 12/8/2023 Insufficient Water Volumes to Collect Sample 12/8/2023 1.1 0.0036 0.078 0.015 0.015 0.015 0.027 0.0019 0.015 0.015 0.027 0.0019 0.015 0.027 0.0019 0.015 0.027 0.0019 0.015 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.027 0.0019 0.0015 0.0019 0.0015 0.0019 0.0015 0.0019 0.00 | | | | | | | | | | |
| 9/23/2020 Insufficient Water Volumes to Collect Sample | | | | | | | | | | |
| MW09 Signature Signature | | 6/25/2020 | | | • | | | | | |
| MW09 9/20/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 3/1/2022 Insufficient Water Volumes to Collect Sample 6/7/2022 Insufficient Water Volumes to Collect Sample 6/7/2022 Insufficient Water Volumes to Collect Sample 12/8/2022 Insufficient Water Volumes to Collect Sample 12/8/2022 Insufficient Water Volumes to Collect Sample 12/8/2023 Insufficient Water Volumes to Collect Sample 12/15/2023 Insufficient Water Volumes to Collect Sample 12/15/2024 | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| MW09 9/20/2021 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 3/1/2022 Insufficient Water Volumes to Collect Sample 6/7/2022 Insufficient Water Volumes to Collect Sample 9/29/2022 Insufficient Water Volumes to Collect Sample 12/8/2022 Insufficient Water Volumes to Collect Sample 12/8/2022 Insufficient Water Volumes to Collect Sample 12/8/2023 Insufficient Water Volumes to Collect Sample 12/8/2023 Insufficient Water Volumes to Collect Sample 6/16/2023 0.021 0.027 0.0019 0.015 9/15/2023 1.1 0.0036 0.078 1.4 12/15/2023 1.1 0.0036 0.078 1.4 12/15/2023 1.1 0.001 0.096 0.29 3/28/2024 1.0 0.01 0.087 0.015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0.027 0.0015 0. | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| 12/3/2021 Insufficient Water Volumes to Collect Sample | | 6/14/2021 | | | • | | | | | |
| 3/1/2022 Insufficient Water Volumes to Collect Sample | MW09 | 9/20/2021 | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| 6/7/2022 Insufficient Water Volumes to Collect Sample 9/29/2022 Insufficient Water Volumes to Collect Sample 12/8/2022 Insufficient Water Volumes to Collect Sample 12/8/2023 Insufficient Water Volumes to Collect Sample 6/16/2023 0.021 0.027 0.0019 0.015 9/15/2023 1.1 0.0036 0.078 1.4 12/15/2023 1.1 0.0036 0.078 1.4 12/15/2023 1.1 0.001 0.096 0.29 3/28/2024 1.0 <0.01 0.087 <0.015 10/22/2018 22 21 1.6 13 3/29/2019 No sample collected due to presence of PSH 6/28/2019 No sample collected due to presence of PSH 9/17/2019 No sample collected due to presence of PSH 12/17/2019 No sample collected due to presence of PSH 3/12/2020 No sample collected due to presence of PSH 9/23/2020 No sample collected due to presence of PSH 3/31/2021 No sample collected due to presence of PSH 9/23/2020 No sample collected due to presence of PSH 3/31/2021 No sample collected due to presence of PSH 12/3/2021 19 4.8 1.4 15 12/3/2021 19 4.8 1.4 15 12/3/2021 21 5.8 1.4 14 14 3/1/2022 20 5.6 1.4 13 13 6/7/2022 No sample collected due to presence of PSH 9/29/2022 No sample collected due to presence of PSH 9/29/2022 No sample collected due to presence of PSH 1.4 13 1.5 1. | | | Insufficient Water Volumes to Collect Sample | | | | | | | |
| 9/29/2022 Insufficient Water Volumes to Collect Sample | | 3/1/2022 | · | | | | | | | |
| 12/8/2022 Insufficient Water Volumes to Collect Sample | | | <u> </u> | | | | | | | |
| Size | | 9/29/2022 | · | | | | | | | |
| 6/16/2023 0.021 0.027 0.0019 0.015 | | 12/8/2022 | | | | | | | | |
| 9/15/2023 1.1 0.0036 0.078 1.4 12/15/2023 1.1 < 0.001 0.096 0.29 3/28/2024 1.0 < 0.01 0.087 < 0.015 10/22/2018 22 21 1.6 13 3/29/2019 No sample collected due to presence of PSH 6/28/2019 No sample collected due to presence of PSH 9/17/2019 No sample collected due to presence of PSH 12/17/2019 No sample collected due to presence of PSH 3/12/2020 No sample collected due to presence of PSH 6/25/2020 No sample collected due to presence of PSH 9/23/2020 No sample collected due to presence of PSH 9/23/2020 No sample collected due to presence of PSH 6/14/2021 No sample collected due to presence of PSH 6/14/2021 No sample collected due to presence of PSH 12/3/2021 19 4.8 1.4 15 12/3/2021 21 5.8 1.4 14 3/1/2022 20 5.6 1.4 13 6/7/2022 No sample collected due to presence of PSH No sample collected due to presence of PSH No sample collected due to presence of PSH | | 3/2/2023 | | | | | | | | |
| 12/15/2023 1.1 <0.01 0.096 0.29 | | 6/16/2023 | 0.021 | 0.027 | 0.0019 | 0.015 | | | | |
| 3/28/2024 1.0 <0.01 0.087 <0.015 | | 9/15/2023 | 1.1 | 0.0036 | 0.078 | 1.4 | | | | |
| 10/22/2018 22 21 1.6 13 | | 12/15/2023 | 1.1 | <0.01 | 0.096 | 0.29 | | | | |
| 3/29/2019 No sample collected due to presence of PSH | | 3/28/2024 | 1.0 | <0.01 | 0.087 | <0.015 | | | | |
| No sample collected due to presence of PSH | | 10/22/2018 | 22 | 21 | 1.6 | 13 | | | | |
| 9/17/2019 No sample collected due to presence of PSH | | 3/29/2019 | | No sample collected o | lue to presence of PS | Н | | | | |
| 12/17/2019 No sample collected due to presence of PSH | | 6/28/2019 | | No sample collected o | lue to presence of PS | Н | | | | |
| 3/12/2020 No sample collected due to presence of PSH | | 9/17/2019 | | No sample collected o | lue to presence of PS | Н | | | | |
| No sample collected due to presence of PSH | | 12/17/2019 | | No sample collected o | lue to presence of PS | Н | | | | |
| 9/23/2020 No sample collected due to presence of PSH | | 3/12/2020 | | No sample collected o | lue to presence of PS | Н | | | | |
| 3/31/2021 No sample collected due to presence of PSH | | 6/25/2020 | | No sample collected o | lue to presence of PS | Н | | | | |
| MW10 | | 9/23/2020 | | No sample collected o | lue to presence of PS | Н | | | | |
| MW10 9/23/2021 19 4.8 1.4 15 12/3/2021 21 5.8 1.4 14 3/1/2022 20 5.6 1.4 13 6/7/2022 No sample collected due to presence of PSH 9/29/2022 No sample collected due to presence of PSH | | 3/31/2021 | | No sample collected o | lue to presence of PS | Н | | | | |
| 12/3/2021 21 5.8 1.4 14 3/1/2022 20 5.6 1.4 13 6/7/2022 No sample collected due to presence of PSH 9/29/2022 No sample collected due to presence of PSH | | 6/14/2021 | | No sample collected of | lue to presence of PS | Н | | | | |
| 3/1/2022 20 5.6 1.4 13 6/7/2022 No sample collected due to presence of PSH 9/29/2022 No sample collected due to presence of PSH | MW10 | 9/23/2021 | 19 | 4.8 | 1.4 | 15 | | | | |
| 6/7/2022 No sample collected due to presence of PSH 9/29/2022 No sample collected due to presence of PSH | | 12/3/2021 | 21 | 5.8 | 1.4 | 14 | | | | |
| 9/29/2022 No sample collected due to presence of PSH | | 3/1/2022 | 20 | 5.6 | 1.4 | 13 | | | | |
| | | 6/7/2022 | | No sample collected o | lue to presence of PS | Н | | | | |
| 12/8/2022 No sample collected due to presence of PSH | | 9/29/2022 | | • | | | | | | |
| | | 12/8/2022 | | | | | | | | |
| 3/2/2023 No sample collected due to presence of PSH | | 3/2/2023 | | No sample collected o | lue to presence of PS | Н | | | | |
| 6/16/2023 No sample collected due to presence of PSH | | 6/16/2023 | | • | | | | | | |
| 9/15/2023 No sample collected due to presence of PSH | | 9/15/2023 | | No sample collected o | lue to presence of PS | Н | | | | |
| 12/14/2023 NS NS NS NS | | 12/14/2023 | NS | NS | NS | NS | | | | |
| 3//27/23 13 <0.5 1.4 7.8 | | 3//27/23 | 13 | <0.5 | 1.4 | 7.8 | | | | |

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TABLE 7 **GROUNDWATER ANALYTICAL RESULTS** Standard #1 **Hilcorp Energy Company** San Juan County, New Mexico Benzene Toluene Ethylbenzene **Total Xylenes Monitoring Well** Date (mg/L) (mg/L) (mg/L) (mg/L) NMWQCC Standard 0.005 1.0 0.7 0.62 <0.0010 <0.0015 10/22/2018 < 0.0010 < 0.0010 3/29/2019 0.0036 <0.0010 <0.0010 < 0.0015 6/28/2019 < 0.0010 <0.0010 < 0.0010 < 0.0015 9/17/2019 < 0.0010 <0.0010 <0.0010 < 0.002 12/17/2019 NS NS NS NS 3/12/2020 0.001 0.0011 <0.0010 0.0051 6/25/2020 < 0.0010 < 0.0010 < 0.0010 < 0.0015 9/23/2020 < 0.0010 <0.0010 < 0.0010 < 0.0015 3/31/2021 < 0.0010 < 0.0010 < 0.0010 < 0.0015 6/14/2021 <0.0010 <0.0010 <0.0010 <0.0015 9/23/2021 < 0.0010 <0.0010 < 0.0010 < 0.002 MW11 12/2/2021 < 0.0010 < 0.0010 < 0.0010 < 0.002 3/1/2022 <0.0010 <0.0010 < 0.0010 < 0.002 6/7/2022 <0.0010 < 0.0010 < 0.0010 < 0.002 <0.0010 9/29/2022 < 0.0010 <0.0010 < 0.0015 12/8/2022 < 0.0010 < 0.0010 < 0.0010 < 0.0015 3/2/2023 < 0.0010 <0.0010 <0.0010 < 0.0020 6/16/2023 <0.0010 < 0.0010 <0.0010 < 0.0020 9/14/2023 < 0.0010 < 0.0010 < 0.0010 < 0.0020 12/14/2023 < 0.0010 < 0.0010 < 0.0020 < 0.0010 3/28/2024 < 0.0010 <0.0010 <0.0010 < 0.0015 10/22/2018 2.4 3.8 1.1 5.0 3/29/2019 0.87 0.018 1.2 1.5 6/28/2019 0.055 0.81 1.0 0.50 9/17/2019 0.41 0.92 0.12 1.1 12/17/2019 0.94 0.034 0.46 0.24 3/12/2020 1.6 0.360 0.48 0.55 6/25/2020 0.220 <0.02 0.34 0.71 0.22 9/23/2020 0.89 0.087 0.12 3/31/2021 0.051 0.14 0.054 0.69 6/14/2021 0.37 0.0052 0.072 0.012 MW12 12/2/2021 NS NS NS NS 12/2/2021 < 0.0050 0.110 < 0.010 0.37 3/1/2022 0.24 < 0.0020 0.031 < 0.0040 0.016 6/7/2022 0.11 < 0.0010 0.0030 9/29/2022 0.046 <0.0050 0.014 <0.0075 12/8/2022 0.041 < 0.020 < 0.020 < 0.030 0.0036 3/2/2023 0.043 0.0010 0.0032 6/16/2023 <0.0010 0.0057 0.0029 0.052 9/14/2023 0.048 <0.0010 0.0056 < 0.0020 12/14/2023 0.0053 < 0.0010 0.0011 < 0.0020 3/28/2024 < 0.0010 < 0.0010 < 0.0015 0.036

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| | | TABLE | | | | | | | |
|-----------------|--|-------------------|------------------------|------------------------|-------------------------|--|--|--|--|
| | GROUNE | | TICAL RESULT | S | | | | | |
| | | Standard | | | | | | | |
| | | Hilcorp Energy C | | | | | | | |
| | Sa | ın Juan County, I | | | | | | | |
| Monitoring Well | Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Total Xylenes (mg/L) | | | | |
| NMWQCC Star | ndard | 0.005 | 1.0 | 0.7 | 0.62 | | | | |
| Minve Goo Clair | 10/22/2018 | 13 | 26 | 1.1 | 10 | | | | |
| | 3/29/2019 | - | No sample collected d | | | | | | |
| | 6/28/2019 | | No sample collected d | | | | | | |
| | 9/17/2019 | | No sample collected d | | | | | | |
| | 12/17/2019 | NS | NS | NS | NS | | | | |
| | 3/12/2020 | 13 | 13 | 1.3 | 14 | | | | |
| | 6/25/2020 | 11 | 17 | 1.0 | 15 | | | | |
| | 9/23/2020 | 8.2 | 14 | 0.80 | 16 | | | | |
| | 3/31/2021 | 9.4 | 17 | 1.5 | 18 | | | | |
| | 6/14/2021 | 1 | No sample collected d | lue to presence of PS | H | | | | |
| MW14 | 9/24/2021 | 7.1 | 9.2 | 0.80 | 14 | | | | |
| | 12/3/2021 | 6.5 | 7.6 | 1.2 | 15 | | | | |
| | 3/1/2022 | 5.3 | 5.7 | 1.2 | 14 | | | | |
| | 6/7/2022 | ١ | No sample collected d | ue to presence of PS | Н | | | | |
| | 9/29/2022 | 4.3 | 1.3 | 1.1 | 6.3 | | | | |
| | 12/8/2022 | 3.8 | 1.8 | 1.6 | 9.5 | | | | |
| | 3/2/2023 | ١ | No sample collected d | ue to presence of PS | Н | | | | |
| | 6/16/2023 No sample collected due to presence of PSH | | | | | | | | |
| | 9/15/2023 | N | No sample collected d | lue to presence of PS | Н | | | | |
| | 12/14/2023 | ١ | No sample collected d | lue to presence of PS | H | | | | |
| | 3/28/2024 | N | No sample collected d | ue to presence of PS | H | | | | |
| | 3/29/2019 | lı . | nsufficient Water Volu | ımes to Collect Samp | le | | | | |
| | 6/28/2019 | 24 | 28 | 1.1 | 10 | | | | |
| | 9/17/2019 | 24 | 28 | 0.87 | 9.4 | | | | |
| | 12/17/2019 | 23 | 29 | 0.64 | 10 | | | | |
| | 3/12/2020 | 23 | 4.5 | 0.66 | 9.4 | | | | |
| | 6/25/2020 | 28 | 1.0 | 0.47 | 8.6 | | | | |
| | 9/23/2020 | 21 | 1.2 | 0.61 | 8.6 | | | | |
| | 3/31/2021 | 25 | 0.6 | 0.69 | 8.5 | | | | |
| | 6/14/2021 | 26 | 0.42 | 0.60 | 8.9 | | | | |
| MW15 | 9/23/2021 | 22 | 0.82 | 0.57 | 6.6 | | | | |
| - | 12/3/2021 | 24 | 1.0 | 0.56 | 4.1 | | | | |
| | 3/1/2022 | 23 | 3.4 | 0.65 | 4.4 | | | | |
| | 6/7/2022 | 22 | 3.9 | 0.50 | 2.9 | | | | |
| | 9/29/2022 | 24 | 7.5 | 0.64 | 4.6 | | | | |
| | 12/8/2022 | 25 | 4.9 | 0.54 | 4.8 | | | | |
| | 3/2/2023 | 21 | 6.0 | 0.61 | 4.6 | | | | |
| | 6/16/2023 | 21 | 7.6 | 0.47 | 3.5 | | | | |
| | 9/14/2023 | 29 NS | 10 NS | 0.59 | 4.3 | | | | |
| | 12/14/2023 | NS 14 | NS 1.0 | NS <0.5 | NS 4.0 | | | | |
| | 3/27/2024 | 14 | 1.0 | <0.5 | 1.8 | | | | |

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TABLE 7 **GROUNDWATER ANALYTICAL RESULTS** Standard #1 **Hilcorp Energy Company** San Juan County, New Mexico Benzene Toluene Ethylbenzene **Total Xylenes Monitoring Well** Date (mg/L) (mg/L) (mg/L) (mg/L) NMWQCC Standard 0.005 1.0 0.7 0.62 3/29/2019 0.94 7.7 14 8.6 6/28/2019 3.4 0.62 0.080 2.1 9/17/2019 3.3 1.6 0.037 4.4 12/17/2019 0.23 0.039 1.8 2.3 3/12/2020 0.83 < 0.050 2.3 3.8 6/25/2020 0.34 0.051 2.1 3.3 9/23/2020 1.4 0.23 0.075 3.6 3/31/2021 No sample collected due to presence of PSH No sample collected due to presence of PSH 6/14/2021 9/23/2021 0.32 0.62 0.71 17 MW16 No sample collected due to presence of PSH 12/3/2021 3/1/2022 0.56 < 0.020 0.43 6.4 6/7/2022 <0.010 0.54 6.5 0.29 9/29/2022 No sample collected due to presence of PSH 12/8/2022 < 0.050 0.38 0.15 2.1 3/2/2023 0.11 < 0.020 0.32 1.8 6/16/2023 0.10 <0.050 0.34 1.1 9/14/2023 0.13 < 0.050 0.41 1.2 12/15/2023 0.089 < 0.020 0.38 0.49 3/28/2024 < 0.020 0.34 0.31 0.077 3/29/2019 Insufficient Water Volumes to Collect Sample 6/28/2019 Insufficient Water Volumes to Collect Sample 9/17/2019 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 12/17/2019 3/12/2020 Insufficient Water Volumes to Collect Sample 6/25/2020 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 9/23/2020 Insufficient Water Volumes to Collect Sample 3/31/2021 6/14/2021 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 9/23/2021 MW17 12/3/2021 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 3/1/2022 6/7/2022 Insufficient Water Volumes to Collect Sample 9/29/2022 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 12/8/2022 3/2/2023 < 0.002 < 0.002 < 0.004 < 0.002 6/16/2023 < 0.0010 < 0.0010 < 0.0010 < 0.0020 9/14/2023 <0.0010 <0.0010 <0.0010 <0.0020 12/15/2023 < 0.0010 < 0.0010 <0.0010 < 0.0020

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< 0.0010

< 0.0010

< 0.0015

< 0.0010



TABLE 7 **GROUNDWATER ANALYTICAL RESULTS** Standard #1 **Hilcorp Energy Company** San Juan County, New Mexico Benzene Toluene Ethylbenzene **Total Xylenes Monitoring Well** Date (mg/L) (mg/L) (mg/L) (mg/L) NMWQCC Standard 0.005 1.0 0.7 0.62 3/29/2019 No sample collected due to presence of PSH 6/28/2019 15 18 0.77 9.4 9/17/2019 16 23 0.87 9.8 12/17/2019 17 19 0.78 10 3/12/2020 1.2 0.36 0.059 0.72 6/25/2020 < 0.2 0.56 13 6.0 9/23/2020 8.4 < 0.05 0.32 4.20 3/31/2021 11.0 0.011 0.31 1.70 6/14/2021 0.28 0.62 8.5 <.01 9/24/2021 5.3 <0.050 0.37 <0.100 MW18 < 0.0040 12/2/2021 9.9 < 0.0020 0.61 3/1/2022 0.45 < 0.016 8.0 <0.008 6/7/2022 6.6 <0.010 0.38 < 0.020 9/29/2022 <0.020 0.35 6.4 < 0.030 12/8/2022 <0.050 0.36 < 0.075 6.7 3/2/2023 4.2 < 0.020 0.19 < 0.040 6/16/2023 1.5 < 0.020 0.052 < 0.040 9/14/2023 5.9 <0.050 0.28 < 0.100 12/14/2023 5.5 < 0.020 0.33 < 0.040 3/27/2024 0.15 < 0.030 < 0.020 0.067 3/29/2019 14 10 0.93 6.2 6/28/2019 13 0.230 0.90 4.9 9/17/2019 17 0.44 1.1 5.8 12/17/2019 11 0.88 0.76 3.4 0.76 3/12/2020 10 1.60 2.4 6/25/2020 16 5.40 0.95 3.4 9/23/2020 12 4.10 0.73 2.8 3/31/2021 16 8.5 1.1 4.7 6/14/2021 1.0 15 10 5.1 9/23/2021 14 9.9 1.1 4.8 MW19 12/2/2021 10 1.1 15 5.2 3/1/2022 13 1.1 9.6 5.2 6/7/2022 12 10 1.1 5.4 9/29/2022 13 12 1.1 6.2 12/8/2022 12 14 1.3 7.8 3/2/2023 1.0 10 12 6.1 6/16/2023 10 14 1.2 7.2 9/14/2023 9.7 15 1.2 8.2 12/14/2023 7.7 14 1.3 8.1

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17

1.1

9.2

6.7

3/28/2024



TABLE 7 **GROUNDWATER ANALYTICAL RESULTS** Standard #1 **Hilcorp Energy Company** San Juan County, New Mexico Benzene Toluene Ethylbenzene **Total Xylenes Monitoring Well** Date (mg/L) (mg/L) (mg/L) (mg/L) NMWQCC Standard 0.005 1.0 0.7 0.62 3/29/2019 Insufficient Water Volumes to Collect Sample 6/28/2019 Insufficient Water Volumes to Collect Sample 9/17/2019 Insufficient Water Volumes to Collect Sample 12/17/2019 Insufficient Water Volumes to Collect Sample 3/12/2020 Insufficient Water Volumes to Collect Sample 6/25/2020 Insufficient Water Volumes to Collect Sample 9/23/2020 Insufficient Water Volumes to Collect Sample 3/31/2021 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 6/14/2021 9/23/2021 Insufficient Water Volumes to Collect Sample MW20 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 3/1/2022 Insufficient Water Volumes to Collect Sample 6/7/2022 Insufficient Water Volumes to Collect Sample 9/29/2022 Insufficient Water Volumes to Collect Sample 12/8/2022 3/2/2023 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 6/16/2023 9/14/2023 Insufficient Water Volumes to Collect Sample 12/14/2023 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 3/27/2024 3/29/2019 Insufficient Water Volumes to Collect Sample 6/28/2019 Insufficient Water Volumes to Collect Sample 9/17/2019 Insufficient Water Volumes to Collect Sample 12/17/2019 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 3/12/2020 6/25/2020 Insufficient Water Volumes to Collect Sample 9/23/2020 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 3/31/2021 6/14/2021 Insufficient Water Volumes to Collect Sample 9/23/2021 Insufficient Water Volumes to Collect Sample MW21 Insufficient Water Volumes to Collect Sample 12/3/2021 Insufficient Water Volumes to Collect Sample 3/1/2022 Insufficient Water Volumes to Collect Sample 6/7/2022 Insufficient Water Volumes to Collect Sample 9/29/2022 12/8/2022 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 3/2/2023 6/16/2023 Insufficient Water Volumes to Collect Sample 9/14/2023 Insufficient Water Volumes to Collect Sample 12/14/2023 Insufficient Water Volumes to Collect Sample

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Insufficient Water Volumes to Collect Sample



< 0.001

< 0.0015

TABLE 7 **GROUNDWATER ANALYTICAL RESULTS** Standard #1 **Hilcorp Energy Company** San Juan County, New Mexico Benzene Toluene Ethylbenzene **Total Xylenes Monitoring Well** Date (mg/L) (mg/L) (mg/L) (mg/L) NMWQCC Standard 0.005 1.0 0.7 0.62 3/29/2019 0.002 < 0.001 0.002 0.001 6/28/2019 < 0.001 < 0.001 < 0.001 < 0.002 9/17/2019 < 0.001 < 0.001 < 0.001 < 0.002 12/17/2019 NS NS NS NS 3/12/2020 0.0011 0.0012 < 0.001 0.0067 6/25/2020 < 0.001 < 0.001 < 0.001 0.0032 9/23/2020 < 0.001 < 0.001 < 0.001 < 0.0015 3/31/2021 <0.001 < 0.001 < 0.001 < 0.0015 < 0.001 6/14/2021 < 0.001 < 0.0015 < 0.001 9/23/2021 <0.001 < 0.001 < 0.001 < 0.002 MW22 12/2/2021 < 0.001 < 0.001 < 0.001 < 0.002 3/1/2022 < 0.001 < 0.001 < 0.001 < 0.002 6/7/2022 <0.001 < 0.001 < 0.001 < 0.002 9/29/2022 < 0.0015 < 0.001 < 0.001 < 0.001 < 0.003 12/8/2022 < 0.002 < 0.002 < 0.002 3/2/2023 < 0.002 < 0.002 < 0.002 < 0.004 6/16/2023 < 0.0020 <0.0020 <0.0020 < 0.0040 9/14/2023 <0.0010 < 0.0010 <0.0010 < 0.0020 12/14/2023 < 0.0010 < 0.0010 < 0.0010 < 0.0020 3/28/2024 < 0.0015 < 0.0010 < 0.0010 < 0.0010 6/18/2019 < 0.001 < 0.001 < 0.001 < 0.002 9/17/2019 < 0.001 < 0.001 < 0.001 < 0.002 12/17/2019 NS NS NS NS 3/12/2020 < 0.001 < 0.001 < 0.001 < 0.0015 6/25/2020 < 0.001 < 0.001 < 0.001 < 0.0015 9/23/2020 < 0.001 < 0.001 < 0.0015 < 0.001 3/31/2021 < 0.001 < 0.001 < 0.001 < 0.0015 6/14/2021 <0.001 < 0.001 <0.001 < 0.0015 Insufficient Water Volumes to Collect Sample 9/23/2021 12/3/2021 < 0.001 < 0.001 < 0.001 < 0.002 MW23 3/1/2022 <0.001 <0.001 < 0.001 < 0.002 6/7/2022 < 0.001 < 0.001 < 0.001 < 0.002 9/29/2022 < 0.001 < 0.001 < 0.001 < 0.0015 12/8/2022 <0.002 < 0.002 <0.002 < 0.003 < 0.002 < 0.002 3/2/2023 < 0.002 < 0.004 6/16/2023 < 0.0020 < 0.0020 < 0.0020 < 0.0040 9/15/2023 <0.001 < 0.001 < 0.001 < 0.002 12/14/2023 < 0.001 < 0.001 < 0.001 < 0.002

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< 0.001

< 0.001



TABLE 7 **GROUNDWATER ANALYTICAL RESULTS** Standard #1 **Hilcorp Energy Company** San Juan County, New Mexico Benzene Toluene Ethylbenzene **Total Xylenes Monitoring Well** Date (mg/L) (mg/L) (mg/L) (mg/L) NMWQCC Standard 0.005 1.0 0.7 0.62 6/28/2019 Insufficient Water Volumes to Collect Sample 9/17/2019 Insufficient Water Volumes to Collect Sample 12/17/2019 Insufficient Water Volumes to Collect Sample 3/12/2020 Insufficient Water Volumes to Collect Sample 6/25/2020 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 9/23/2020 3/31/2021 Insufficient Water Volumes to Collect Sample 6/14/2021 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 9/23/2021 MW24 12/3/2021 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 3/1/2022 Insufficient Water Volumes to Collect Sample 6/7/2022 9/29/2022 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 12/8/2022 Insufficient Water Volumes to Collect Sample 3/2/2023 6/16/2023 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 9/14/2023 12/14/2023 Insufficient Water Volumes to Collect Sample 3/27/2024 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 6/28/2019 9/17/2019 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 12/17/2019 3/12/2020 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 6/25/2020 Insufficient Water Volumes to Collect Sample 9/23/2020 3/31/2021 Insufficient Water Volumes to Collect Sample 6/14/2021 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 9/23/2021 MW25 12/3/2021 Insufficient Water Volumes to Collect Sample 3/1/2022 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 6/7/2022 Insufficient Water Volumes to Collect Sample 9/29/2022 Insufficient Water Volumes to Collect Sample 12/8/2022 Insufficient Water Volumes to Collect Sample 3/2/2023 6/16/2023 Insufficient Water Volumes to Collect Sample Insufficient Water Volumes to Collect Sample 9/14/2023 12/14/2023 Insufficient Water Volumes to Collect Sample

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Insufficient Water Volumes to Collect Sample



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Standard #1 Hilcorp Energy Company San Juan County, New Mexico

| Monitoring Well | Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Total Xylenes (mg/L) |
|-----------------|------------|-------------------|-------------------|------------------------|-------------------------|
| NMWQCC St | tandard | 0.005 | 1.0 | 0.7 | 0.62 |
| | 6/18/2019 | 0.0052 | <0.001 | <0.001 | <0.002 |
| | 9/17/2019 | <0.001 | <0.001 | <0.001 | <0.002 |
| | 12/17/2019 | <0.001 | <0.001 | <0.001 | <0.002 |
| | 3/12/2020 | <0.001 | <0.001 | <0.001 | <0.0015 |
| | 6/25/2020 | <0.001 | <0.001 | <0.001 | <0.0015 |
| | 9/23/2020 | <0.001 | <0.001 | <0.001 | <0.0015 |
| | 3/31/2021 | <0.001 | <0.001 | <0.001 | <0.0015 |
| | 6/14/2021 | <0.001 | <0.001 | <0.001 | <0.0015 |
| | 9/24/2021 | <0.001 | <0.001 | <0.001 | <0.002 |
| MW26 | 12/3/2021 | <0.001 | <0.001 | <0.001 | <0.002 |
| | 3/1/2022 | <0.001 | <0.001 | <0.001 | <0.002 |
| | 6/7/2022 | <0.001 | <0.001 | <0.001 | <0.002 |
| | 9/29/2022 | <0.001 | <0.001 | <0.001 | <0.0015 |
| | 12/8/2022 | <0.001 | <0.001 | <0.001 | <0.0015 |
| | 3/2/2023 | <0.001 | <0.001 | <0.001 | <0.002 |
| | 6/16/2023 | <0.0010 | <0.0010 | <0.0010 | <0.0020 |
| | 9/14/2023 | <0.0010 | <0.0010 | <0.0010 | <0.0020 |
| | 12/14/2023 | <0.0010 | <0.0010 | <0.0010 | <0.0020 |
| | 3/27/2024 | <0.0010 | <0.0010 | <0.0010 | <0.0015 |

Notes:

mg/L: milligrams per liter

NMWQCC: New Mexico Water Quality Control Commission

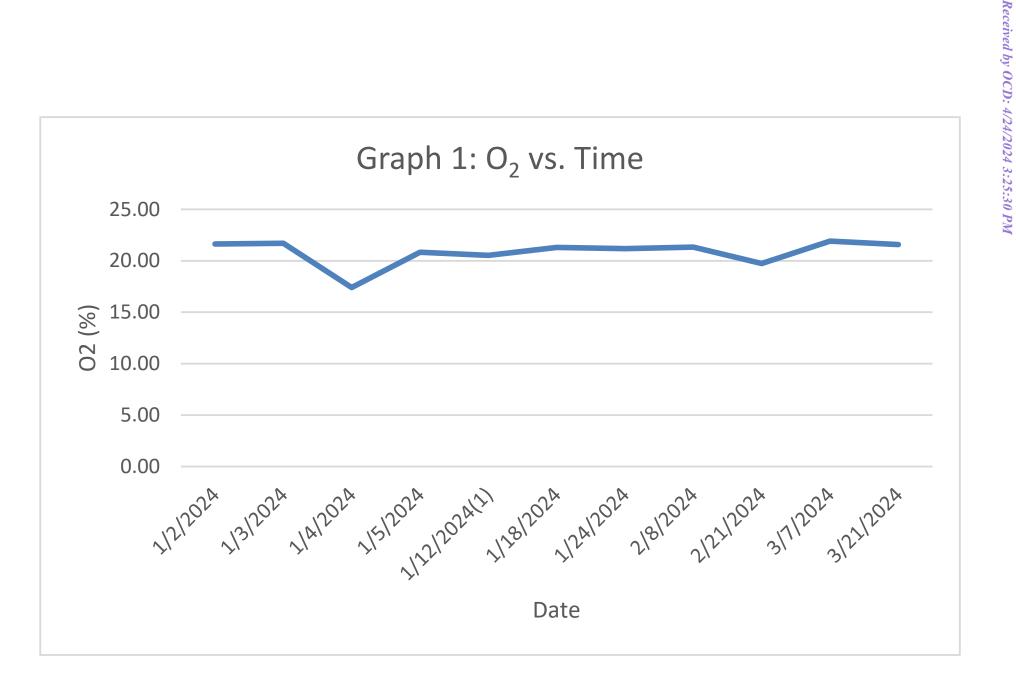
NS: not sampled

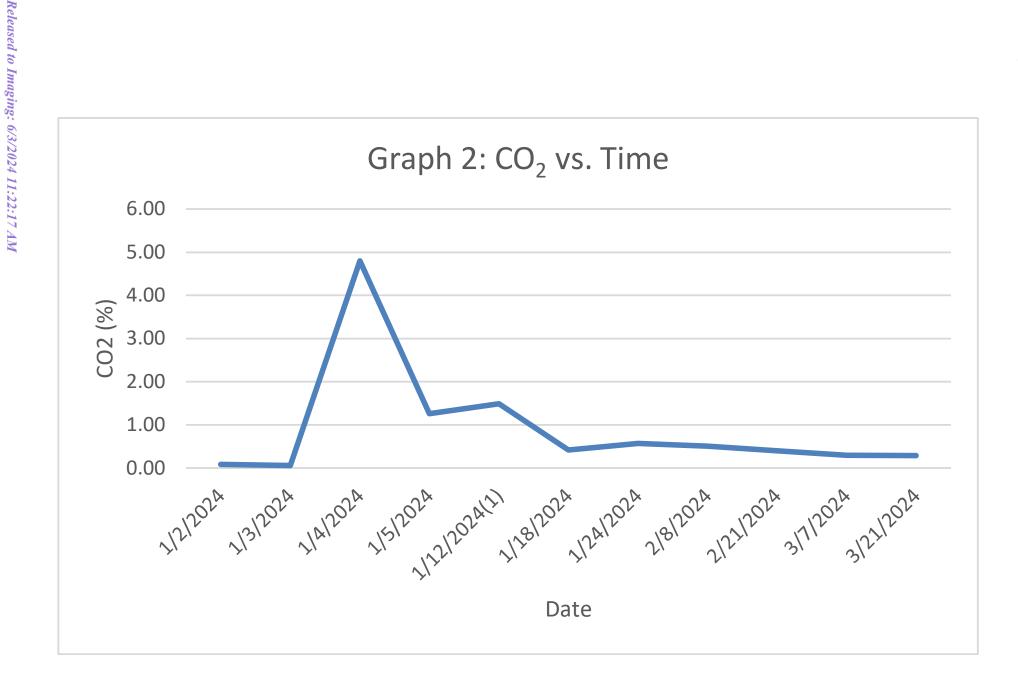
PSH: phase separated hydrocarbon

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

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

Ensolum 32 of 32





ENSOLUM

APPENDIX A

O&M Field Notes

Sunny 30'5 1-2-24

OBM dota

Standard #14

| | Mani | moni | Mani | moni | mani | | and the second | - 10 - IM |
|-------|----------|--------|-------|----------|-----------|---------|----------------|-----------|
| Well | VOL | Flow | PID | 0'2 VOIS | CHY YOLEL | Has PPM | COPPA | 1 CO2 VOI |
| 01 | 12.7 IWC | 44 CFM | 101.8 | 20.9 | o l | 0 | C | 0.08 |
| 10 | 13.05 | 44 | 104.2 | 20.9 | C | 0 | 0 | 0.08 |
| 02 | 13.01 | 44 | 74.2 | 20-9 | 0 | 0 | 0 | 0.06 |
| 15 | 13.05 | 46 | 125.6 | 20.9 | 0 | 0 | 0 | 0.12 |
| 06 | 13.10 | 48 | 153.2 | 20.9 | 1 | 0 | 0 | 0.18 |
| 03 | 13.04 | 45 | 139.8 | 20.9 | D | 0 | 0 | 0.14 |
| Int 1 | 2.5 TH9 | | 198.2 | 20.9 | | 0 | C | 10.00 |

Blower Readings Pre-vac 2.5 Ing Post Vac 2.5 IH, Piff-Press 4.5 INC

Influence Well Vaic 0.02 IWC mw-04 mw-07 0-01 IWC

Hours: 4-3 @ 14:20

Influent Sample "Influent 1-2-24" collected at 14:10

Released to Imaging: 6/3/2024 11:22:17 AM

AMPAD"

HEC 1-3-24

SUMPLY 408

1300 on site for OSM and samplim

| well | LAC | FICE | 1 PIP | 02 70 | CHY TALELI | HJ5PM | 1 CO PPM | 1 con 200 |
|------|-------|--------|-------|-------|------------|-------|----------|-----------|
| 01 | 13.07 | 14 CFM | 87.4 | 20.9 | #2 | 0 | 0 | 0.04 |
| 10 | 13-11 | 16 | 92.3 | 20.9 | 1 | O | 0 | 0.02 |
| 02 | 13.17 | 20 | 101-7 | 20.9 | 1 | 0 | 0 | 0.02 |
| 15 | 13.16 | 20 | 124.6 | 20.9 | 1 | 0 | 0 | 0.02 |
| 06 | 13-17 | | 161.0 | 20.9 | 1 | 0 | 0 | 0.04 |
| 03 | 13-13 | 25 | 240.4 | 20.9 | T. | O | 0 | 0.06 |
| nt | - | - | 68.7 | 20.9 | 0 | 0 | 0 | 0.02 |

Pre Vac: 2.5 IH9 Pose vac; 2.5 IH9 Piff Press: 4.5 IWC

Influence MW04 0.01 IWC MW07 0.02 IWC

HOWS Blower 28-1 @ 14:02 Transer 0.3 @ 14:02

Exhaust Temp 125° F

pressure o pst Volume 99997528.5 Standard 1

12:00 EC ON site for OBM and sampling

Vac: 2.5 I Hg

17:30 Found fresh air by pass was loogo open low vacuum will allow blower to run for ~ I how to equiblinate

before taking readings

| Well | mani Vac | man: | PID | 100 % vol | CHYLEL | Copon | Ha Spanl | CO2 90V01 |
|------|-------------|---------|-----|-----------|--------|----------|----------|-----------|
| 01 | 13.5 IN | 493 CFM | | 1 | 7.7 | 3 2(1:5) | 1 4 11 | |
| 10 | 14.0 | 85 | | | | 1 | 1 | |
| 02 | 13.5 | 86 | | | | | 1 | |
| 15 | 11-5 | 45 | | | 1 | | 1 | |
| 06 | 12.0 | 48 | 1 | | | | 1 | |
| 03 | 13-0 | 37 | | | | 1 | 1 | |

To much water at manifold to field screen Individual wells. Pulling water to vacuum sumpler

Pre-filter Vac: 16 Ing Post - filter Vac: 15.5 Ing Diff pressure: 2.5 INC

Influent 5.5 30.7 0 0 0.06 467 16.6 490 0 0 4.99

Hours Blower: 52-6 @ 14:36 PUMP: 0.3

Influence MW04: 0.00 IWC MW07 0.01 IWC Standard 14

12:50 EC on Site for OBM

| well | Vac | PID. | CHY | 02 | H25 | 00 | CO2 |
|------|---------|-------|-----|------|-----|----|------|
| 01 | 188 IWC | 403 | 4 | 20.7 | 0 | ~, | 3.58 |
| 10 | 125 | 147 | XI | 20-9 | 0 | 0 | 0.36 |
| 02 | 109 | 243 | 3 | 20.6 | C | 0 | 0.32 |
| 15 | 139.7 | 138 | 1 | 20,7 | 0 | 0 | 0.10 |
| 06 | 89.4 | 33723 | 3 | 19.1 | C. | 0 | 1.41 |
| 03 | 93.6 | 233 | 23 | 18.9 | 0 | 0 | 1.56 |

| manifold | . Vactr | Flow |
|----------|---------|------|
| 01 | 13.0 | 53 |
| 10 | 13.5 | 69 |
| 02 | 12.5 | 84 |
| 15 | 11,5 | 43 |
| 06 | 11.5 | 26 |
| 03 | 12.0 | 19 |
| | | |

Ple filter vac: 15.0 Post filter Vac: 15.5 Diff press: 2.5

Exhaust Temp 175 Hours Blower 75.8 Pump 1-2

pump pressure 5 PSF pump volume 99998523.9

Influent 416 19.8 19.8 0 0 1.34

Sample collected @ 1400

Influence MWD4 0.0 INC MW 07 0-1 IWC



41

1

| | | SVE SYSTEM - | MONTHLY O&M | | |
|---|---|--|--|-------------------------|-------------|
| - T | | | | | |
| IDPE ALARMS: | No | KO TANK HIGH LEVEL | | | |
| DPE SYSTEM | DEADING | | 1 | | |
| Blower Hours (take photo) | 218.9 | TIME | | | |
| Transfer Pump Hours | 4.6 | 13:15 | | | |
| Mr. | 188.8 INC | 13.85 intly | TNFLAGNT - Maybe Instal | VAC -PI | re KO |
| Post-Filter Vacuum (Ing) | 14.5 | 12.00 1419 | - marke instal | la Intla | gauge. |
| Differential Pressure (IWC) | 1.75 | (Klow) | | | |
| Exhaust Temperature | 170 | (+ 10 10) | -add ed car | dion-Hot | 5141 |
| Transfer Pump Pressure | 5 45I | | | | |
| Transfer Pump Totalizer | 2,648.3 | | - 0566 | on on Fil | er tor |
| Exhaust | 011 011 | pm | 6011 | on Filts IWC, s | 10.18 60 |
| | | SVE SYSTEM | 304 | > (WC, 5 | NOWIN DE |
| SAMPLE ID: | Influent H | 1-24 | | | |
| PID (ppm) | 993 | OXYGEN (%) | SAMPLE TIME: | | 1 00 |
| | | | 19.8 er month) for TVPH (8015), BTE | CARBON DIOXIDE | %) 1.50 |
| OPERATING WELLS | ALL M | W-15 was froze | n on 1-11 | A (8260), Fixed Gas (CC | 22 AND (02) |
| | | 1 | | | |
| O1 | | | | | |
| Change in Well Operation: | None | | | | |
| | None | | | | |
| Operation: | | | | | |
| Operation: | VACUUM (IWC) | DIFF PRESSURE (IWC) | PID HEADSPACE (PPM) | OXYGEN (%) | CARBON DIC |
| Operation: NELLHEAD MEASUREMENT | rs | DIFF PRESSURE (IWC) | 135 | OXYGEN (%) | CARBON DIO |
| Operation: WELLHEAD MEASUREMENT WELL ID | VACUUM (IWC) | DIFF PRESSURE (IWC) | 135 392 | OXYGEN (%) | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW01 | VACUUM (IWC) | DIFF PRESSURE (IWC) | 135 392 187 | OXYGEN (%) | CARBON DIC |
| WELLHEAD MEASUREMENT WELL ID MW07 MW02 | VACUUM (IWC) 156 111 110 | DIFF PRESSURE (IWC) | 135 392 187 323 | OXYGEN (%) | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW01 MW02 MW03 | VACUUM (IWC) | DIFF PRESSURE (IWC) | 135 392 187 | OXYGEN (%) | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW07 MW02 MW03 MW06 | VACUUM (IWC) 156 111 110 | DIFF PRESSURE (IWC) | 135 392 187 323 | OXYGEN (%) | CARBON DIC |
| WELLHEAD MEASUREMENT WELL ID MW07: MW02- MW03 MW06 MW10 | VACUUM (IWC) 156 111 110 | | 135 392 187 323 59 | | CARBON DIC |
| MELLID MW07 MW02 MW03 MW06 MW10 MW15 | VACUUM (IWC) 156 111 190 110 129 | | 135 392 187 323 | | CARBON DIC |
| WELLHEAD MEASUREMENT WELL ID MW07 MW02 MW03 MW06 MW10 MW15 | VACUUM (IWC) 156 111 190 129 VACUUM (IHg) | DIET Press | 135 392 187 323 59 | | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW07 MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS | VACUUM (IWC) 15 6 111 170 12 9 VACUUM (IHg) | DIET Press | 135 392 187 323 59 | | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW07 MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS WELL ID | VACUUM (IWC) 15 6 111 190 12 9 VACUUM (IHg) | DIET Press IN ELEWICEMI 0. 95 6.8 | 135 392 187 323 59 | | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW01 MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS WELL ID MW01 | VACUUM (IWC) 15 6 111 170 12 9 VACUUM (IHg) | DIET PRESS FLOW (CFM) 0. 95 6.8 | 135 392 187 323 59 | | CARBON DIC |
| Operation: WELL ID MW01 MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS WELL ID MW01 MW01 MW01 | VACUUM (IWC) 15 6 111 190 12 9 VACUUM (IHg) | DIET Press IN FLOWICEM) 0. 95 6.8 1.3 | 135 392 187 323 59 | | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS WELL ID MW01 MW01 MW02 MW03 | VACUUM (IWC) 15 6 111 170 12 9 VACUUM (IHg) | DIET PRESS FLOW (CFM) 0. 95 6.8 | 135 392 187 323 59 | | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW07 MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS WELL ID MW01 MW02 MW03 MW03 MW03 MW03 MW03 MW03 | VACUUM (IWC) 15 6 111 170 12 9 VACUUM (IHg) | DIET Press IN FLOWICEM) 0. 95 6.8 1.3 | 135 392 187 323 59 | | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW07 MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS WELL ID MW01 MW01 MW02 MW03 MW08 MW08 MW10 | VACUUM (IWC) 156 111 196 110 129 VACUUM (IHg) 11 13 | DIET Press FLOW (CFM) 0. 95 1.3 1.3 0.88 | 135 392 187 323 59 | | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW07 MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS WELL ID MW01 MW01 MW02 MW03 MW08 MW10 MW10 MW10 MW10 MW10 | VACUUM (IWC) 15 6 111 170 12 9 VACUUM (IHg) | DIET Press FLOW (CFM) 0. 95 1.3 1.3 0.88 | 135 392 187 323 59 | | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS WELL ID MW01 MW02 MW03 MW08 MW08 MW10 MW15 FLUENCE | VACUUM (IWC) 156 111 170 110 129 VACUUM (IHg) 11 | DIET Press FLOW (CFM) 0. 95 1.3 1.3 0.88 | 135 392 187 323 59 | | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW07 MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS WELL ID MW01 MW02 MW03 MW08 MW08 MW10 MW15 FLUENCE | VACUUM (IWC) 156 111 196 110 129 VACUUM (IHg) 11 13 | DIET Press FLOW (CFM) 0. 95 1.3 1.3 0.88 | 135 392 187 323 59 | | CARBON DIC |
| Operation: WELLHEAD MEASUREMENT WELL ID MW07 MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS WELL ID MW01 MW02 MW03 MW06 MW10 MW15 ANIFOLD MEASUREMENTS WELL ID MW01 MW02 MW03 MW06 MW10 MW15 | VACUUM (IWC) 156 111 170 110 129 VACUUM (IHg) 11 | DIET Press IN FLOW (CFM) 0. 95 6.8 1.3 1.3 1.3 | 135 392 187 323 59 | | CARBON DIC |

7-11-24

993

Inshiet

15 CH4 1. LEL 20.4 vol % 202 20.2 UXY 425 60 pm 0) e pm 1.50 0.76 0.52 0.42 0.30 CO2 vol 1. % LEL CH4

Influent

CHY 3% LEL

DXY 19.7 VOI Y.

H25 0.0 ppm

CO 0 ppm

CO2 0.66 Vol Y.

CHy 6 % LEL

■ ENSOLUM

STANDARD TA DPE SYSTEM

| | 1-18-24 | | O&M PERSONNEL TIME OFFSITE | 204 11 | |
|---|--|--|---|-------------------------|----------------|
| | | SVE SYSTEM | - MONTHLY D&M | ac volu | I V V and |
| | Suste | most upon | errivel, Pulled pump activate | flood stem | out of transit |
| DPE ALARMS | YES, 4 | KO TANK HIGH LEVEL | pump activate | d. Manuelly | name |
| | | | on pump to | o drain ku | company |
| DPE SYSTEM | READING | TIME | | | |
| Blower Hours (take photo) | 375.7 | 14.05 | | | |
| Transfer Pump Hours | | 1406 | Γ. | 1 1 0 | brunes |
| Pre-Filter Vacuum (IHg) | | | Cargovo Lites | (19610) | |
| Post-Filter Vacuum (Ing) | 13 | | - 1 | | |
| Differential Pressure (IWC) | 20 | | | | |
| Exhaust Temperature | 135° F | | | | |
| Transfer Pump Pressure | 5 PSI | 1406 | 21 + 010 | - 7 opm | |
| Transfer Pump Totalizer | 8518.0 | 1406 | Exhaust PID - | -100 + M | |
| Pre KO VAC | 177 INWC | 1408 | | | |
| Freshair by Pas | | SVE SYSTE | M SAMPLING | 7.12 | |
| SAMPLE ID: | m /1 | 8-24 | SAMPLE TIME: | 15:15 | m (III) |
| BID (I | 2211 | OXYGEN (% | 20 H | CARBON DIOXIDE (| |
| Analytes | Sample Ri-Monthly (every oil | Sample Bi-Monthly (every ott | ner month) for TVPH (8015), BTE | X (8260), Fixed Gas (CO | 2 AND O2) |
| OPERATING WELLS | All | | | | |
| OF ERATING WELLS | 711 | | | | |
| Change in Well | NONE | | | | |
| Operation: | 100100 | | | | |
| | | | | | |
| | | Marcala Wr. Land | K - | | |
| | The state of the s | Observable liquid | PID HEADSPACE (PPM) | OXYGEN (%) | CARBON DIOXIDE |
| WELL ID | VACUUM (IWC) | Observable liquid | PID HEADSPACE (PPM) | OXYGEN (%) | CARBON DIOXIDE |
| WELL ID MW01 | 146.0 | | PID HEADSPACE (PPM) | OXYGEN (%) | CARBON DIOXIDE |
| WELL ID MW01 MW02 | VACUUM (IWC) 146.0 108 | | PID HEADSPACE (PPM) | OXYGEN (%) | CARBON DIOXIDE |
| WELL ID MW01 MW02 MV03 | VACUUM (IWC) 146.0 108 156 | Y Y | 403-655 | OXYGEN (%) | CARBON DIOXIDE |
| WELL ID MW01 MW02 | VACUUM (IWC) 146.0 108 156 129.0 | | PID HEADSPACE (PPM) 403-655 535 451 | OXYGEN (%) | CARBON DIOXIDE |
| WELL ID MW01 MW02 MV03 | VACUUM (IWC) 146.0 108 156 129.0 122.8 | y Y Y Y Y Y Y Y Y | PID HEADSPACE (PPM) 403-655 535 451 55 756 | OXYGEN (%) | CARBON DIOXIDE |
| WELL ID MW01 MW02 MV03 MW06 | VACUUM (IWC) 146.0 108 156 129.0 | Y Y Y Y Y Y Y Y N | PID HEADSPACE (PPM) 403-655 535 452 55 756 124 | | CARBON DIOXIDE |
| MV01 MV02 MV03 MV06 MV10 MV15 | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 | Y Y Y Y Y Y Y Y N | PID HEADSPACE (PPM) 403-655 535 452 55 756 124 | | CARBON DIOXIDE |
| WELL ID MW01 MW02 MW03 MW06 MW10 | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 | N DIFF RUSSURE | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| MV01 MV02 MV03 MV06 MV10 MV15 | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) | V V V V V V V V V V V V V V V V V V V | PID HEADSPACE (PPM) 403-655 535 452 55 756 124 | SSUES | |
| WELL ID MW01 MW02 MW03 MW06 MW10 MW15 | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 | N DIFF PUSSURE (INVO) Y N DIFF PUSSURE DIFF PUSSURE DIFF PUSSURE | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| WELL ID MW01 MW02 MW03 MW06 MW10 MW15 MANIFOLD MEASUREMEN WELL ID | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 12.6 | N DIFF PUSSURE N DIFF PUSSURE DIFF PUSSURE DIFF PUSSURE DIFF PUSSURE | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| WELL ID MW01 MW02 MW03 MW06 MW10 MW15 MANIFOLD MEASUREMEN WELL ID MW01 | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 | N DIFF RUSSURE O.08 1.05 | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| WELL ID MIVV01 MIVV02 MIVV03 MIVV06 MIVV15 MANIFOLD MEASUREMEN WELL ID MIVV01 MIVV02 | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 12.6 | DIFF RUSSURE (INVO) Y Y N DIFF RUSSURE 0.08 1.05 1.// /./2 | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| WELL ID MW01 MW02 MV03 MW06 MW10 MW15 MANIFOLD MEASUREMEN WELL ID MW01 MW02 MW03 | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 12.6 15.0 12.5 | DIFF RUSSURE (INVO) Y Y N DIFF RUSSURE 0.08 1.05 1.1/ 1./2 0.777 | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| WELL ID MW01 MW02 MW03 MW06 MW10 MW15 MANIFOLD MEASUREMEN WELL ID MW01 MW02 MW03 MW06 | VACUUM (IWC) 140.0 108 155 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 12.6 15.0 | DIFF RUSSURE (INVO) Y Y N DIFF RUSSURE 0.08 1.05 1.// /./2 | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| WELL ID MW01 MW02 MW03 MW06 MW10 MW15 MANIFOLD MEASUREMEN WELL ID MW01 MW02 MW03 MW06 MW10 | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 12.6 15.0 12.5 | DIFF RUSSURE (INVO) Y Y N DIFF RUSSURE 0.08 1.05 1.1/ 1./2 0.777 | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| WELL ID MW01 MW02 MW03 MW06 MW10 MW15 MANIFOLD MEASUREMEN WELL ID MW01 MW02 MW03 MW08 MW10 MW15 | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 12.6 15.0 12.5 | DIFF RUSSURE (INVO) Y Y N DIFF RUSSURE 0.08 1.05 1.1/ 1./2 0.777 | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| WELL ID MIVO1 MIVO2 MIVO3 MIVO6 MIV10 MIV15 MANIFOLD MEASUREMEN WELL ID MIVO1 MIVO2 MIVO3 MIVO6 MIV10 MIV15 | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 12.6 15.0 12.5 12.5 | DIFF RUSSURE (INVO) Y Y N DIFF RUSSURE 0.08 1.05 1.1/ 1./2 0.777 | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| WELL ID MIVO1 MIVO2 MIVO3 MIVO6 MIV10 MIV15 MANIFOLD MEASUREMEN WELL ID MIVO2 MIVO3 MIVO6 MIV10 MIV15 INFLUENCE WELL ID | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 12.6 15.0 12.5 | DIFF RUSSURE (INVO) Y Y N DIFF RUSSURE 0.08 1.05 1.1/ 1./2 0.777 | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| WELL ID MIVO1 MIVO2 MIVO3 MIVO6 MIV10 MIV15 MANIFOLD MEASUREMEN WELL ID MIVO2 MIVO3 MIVO6 MIV10 MIV15 INFLUENCE WELL ID MIVG4 | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 12.6 15.0 12.5 12.5 | DIFF RUSSURE (INVO) Y Y N DIFF RUSSURE 0.08 1.05 1.1/ 1./2 0.777 | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |
| MVV01 MVV02 MVV03 MVV06 MVV10 MVV15 MANIFOLD MEASUREMEN WELL ID MVV01 MVV02 MVV03 MVV06 MVV10 MVV15 INFLUENCE WELL ID | VACUUM (IWC) 140.0 108 156 129.0 122.8 177.0 ITS VACUUM (IHg) 12.0 12.6 15.0 12.5 12.5 | DIFF RUSSURE (INVO) Y Y N DIFF RUSSURE 0.08 1.05 1.1/ 1./2 0.777 | PID HEADSPACE (PPM) 103655 335 432 256 124 (SWC) COMMENTS/MAINTENANCE II | SSUES | |

| 8 20 | 5.2 | 19.2 | 00 | 10 1 20.9 | 4 | Influen |
|------|------|------|---------|-----------|--------|-------------------------|
| - | | 19.2 | 20.9 | 20.9 | 1 | - |
| 10 | 0 | | | | 1209 | 20.4 |
| | | 0 | 0 | 0.0 | 0.0 | 0 |
| C |) (| 5 | 0 / | 0.0 | 0.0 | 0 |
| 0.5 | 54 0 | 9 0 | 5.06 | 0.24 | 0.89 | 0.44 |
| 1 | 7 | 3 (| 0 | 1 | 3 | 1 |
| | 0.5 | 1 | 1254 20 | | 254 20 | 0.54 0.9 0.06 0.24 0.89 |

(-18-24

尼 ENSOLUM

STANDARD 1A DPE SYSTEM O&M FORM

TIME ONSITE

O&M PERSONNEL D. BUCK TIME OFFSITE

| | | SVE SYSTEM - MONTHLY O&M |
|---------------------------------------|----------|--------------------------|
| DPE ALARMS | NA | KO TANK HIGH LEVEL |
| DPE SYSTEM | READING | TIME |
| Blower Hours (photo) | 518.2 | 1230 |
| Transfer Pump Hours (photo) | 14.2 | 1230 |
| Influent Vacuum Pre-KO (JaHg) | 158 INC | |
| Fresh Air Bypass (% Open) | 0 | |
| Pre-Filter Vacuum (InHg) | 12 | |
| Post-Filter Vacuum (InHg) | 12 | |
| Differential Pressure (IWC) | 2.5 ^ | - 80 SEFM |
| Exhaust Temperature (°F) | 160 | 90 3cm |
| Exhaust PID (ppm) | 1,607 | |
| Transfer Pump Pressure (PSI) | ,, | |
| Transfer Pump Totalizer (Gal) (photo) | 12,336.8 | |

MW-6 +15 didn't have any flow upon arrival. Reset stingers. flow resumed.

| | | SVE SYSTEM | SAMPLING | | |
|-----------------|-----------------|------------------------------|--------------|---|------|
| SAMPLE ID: | Influent | 1-24-24 | | SAMPLE TIME: 13:40 | |
| | 521 | OXYGEN (%) | 20.5 | CARBON DIOXIDE (%) | 0.56 |
| Analytes: | Sample Bi-Month | ly (every other month) for 1 | TVPH (8015). | 8260 - Full List VOCs, Fixed Gas (CO2 AND O2) | |
| OPERATING WELLS | A11 6 | | 1 | | |

Change in Well Operation: None

WELLHEAD MEASUREMENTS

| WELL ID | VACUUM (IWC) | PID HEADSPACE (PPM) | OXYGEN (%) | CARBON DIOXIDE |
|----------|--------------|------------------------|------------|----------------|
| MW01 | 125 | 1.394 | 25.2 | 0.52 |
| MVV02 | 99 | 710 | 20,7 | 0.52 |
| MVV03 | 135 | 1,775 | 19.2 | 1.26 |
| MW06 | 103 | 439 | 20.9 | 0.56 |
| MW10 | 112 | 7 | 20.9 | 0.90 |
| MW15 | 64 | 425 | 20.9 | 0.15 |
| Influent | | 521 | | V-18 |

-Inthent MANIFOLD MEASUREMENTS

| WELL ID | VACUUM (InHg) | SEE LIQUIDS? (YES/NO) | DIFF. PRESS. (IWC) | |
|---------|---------------|--------------------------|-----------------------|--|
| MW01 | - 11 | Y | 0.55 | |
| MW02 | 10.5 | Y | 0.75 | |
| MW03 | 13 | Ý | 0.62 | |
| MW06 | 10.5 | Ý | 0.40 | |
| MW10 | 10.511 | YO | 0.00 | |
| MW15 | 8.5 | Υ'. | 0.18 | |

COMMENTS/MAINTENANCE ISSUES

- carry over liquids still
observed in our fitter, postky.
- short dawn system to emply
liquids out of our fitter

INFLUENCE

| WELL ID | VACUUM (IWC) |
|---------|--------------|
| MW04 | 0.00 |
| MW07 | 1.06 |

| Received | by | OCD: | 4/24/2 | 2024 | 3:25:30 | PM . | | | |
|----------|----|------|--------|------|---------|------|---|----|---|
| Received | | | | | 1- | 11 | 1 | -7 | U |
| | | | | | | - | | - | |

| | | - | _ | | | | |
|-----------|--------|------|------|------|------|------|----------|
| 20.00 | MW | 02 | 03 | 06 | 10 | 15 | Influent |
| CH4 % LE | L 7 | 3 | 03 | 2 | O | 1 | 4 |
| Oxy vol / | 20.2 | 20.7 | 19.2 | 20.9 | 20.9 | 20.9 | 20.5 |
| H2S pfm | 0. 0 | 6. 0 | 0.0 | 0.6 | 0.0 | 0.0 | 6.0 |
| CO ppm | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (02 vol'/ | . 0.52 | 0.52 | 1.26 | 0.56 | 0.00 | 0.18 | 0.56 |
| CH4 ppm | 7 | 2 | 7 | 2 | 0 | 1 | 3 |

STANDARD 1A DPE SYSTEM O&M FORM

DATE: 2-1-24
TIME ONSITE: 1000

O&M PERSONNEL: DB 1420

| SVE SYS | TEM - MC | NTHLY | O&M |
|---------|----------|-------|-----|
| | | | |

DPE ALARMS: NANE KO TANK HIGH LEVEL

| DPE SYSTEM | READING | TIME |
|---------------------------------------|----------|-------|
| Blower Hours (photo) | 706.6 | 11:00 |
| Transfer Pump Hours (photo) | 15.8 | |
| Influent Vacuum Pre-KO (InHg) | 7.5 | |
| Fresh Air Bypass (% Open) | 25% | |
| Pre-Filter Vacuum (InHg) | 7.0 | |
| Post-Filter Vacuum (InHg) | 7.0 | |
| Differential Pressure (IWC) | 3.25 | |
| Exhaust Temperature (*F) | 140 | |
| Exhaust PID (ppm) | 347 | |
| Transfer Pump Pressure (PSI) | 5 | |
| Transfer Pump Totalizer (Gal) (photo) | 14.170.3 | |

No flow in 03,06,+15 upon arrival. Resumed flow prior to readings,

| | SVE SYSTEM SAMPLING | |
|-----------------|--|--|
| SAMPLE ID: | | SAMPLE TIME: |
| PID (ppm) | OXYGEN (%) | CARBON DIOXIDE (%) |
| Analytes: | Sample Bi-Monthly (every other month) for TVPH (8015), 826 | 0 - Full List VOCs, Fixed Gas (CO2 AND O2) |
| OPERATING WELLS | | |

Change in Well Operation: Nowe

WELLHEAD MEASUREMENTS

| WELL ID | VACUUM (IWC) | PID HEADSPACE (PPM) | OXYGEN (%) | CARBON DIOXIDE (%) |
|---------|--------------|------------------------|------------|-----------------------|
| MVV01 | 68.0 | 468 | | |
| MVV02 | 60.9 | 179 | | |
| MVV03 | 60.3 | 644 | | |
| MVV06 | 61.9 | 245 | | |
| MVV10 | 64.0 | 435 | | |
| MVV15 | 40.3 | 834 | | |

MANIFOLD MEASUREMENTS

| WELL ID | VACUUM (InHg) | SEE LIQUIDS? (YES/NO) | DIFF, PRESS. (IWC) |
|---------|---------------|--------------------------|-----------------------|
| MW01 | 5.5 | Yes | 0.54 |
| MW02 | 6.0 | Ves | 0.15 |
| MVV03 | 8.5 | No | 0.24 |
| MVV06 | 5.5 | Ver | 4600 TES |
| MW10 | 5.0 | yes | 0.21 |
| MW15 | 6.0 | No | 0.12 |

-cleaned/scrubbed 03 signifule of scale/hardness build up.

0.17

INFLUENCE

| WELL ID | VACUUM (IWC) |
|---------|--------------|
| MVV04 | |
| MW07 | |

472 con

| | Influent | a | 02 | 03 | 06 | 10 | 15 |
|----------------------|----------|-------|------|--------|-------|------|------|
| CH4 ppm | 1450 | 4,150 | | 10,250 | 1,300 | | 290 |
| | | 19.2 | 20,2 | 17.8 | 18.6 | 20.9 | 20.9 |
| Oxy vol/. HzS ppm | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| CO ppm | 0 | | 0 | | | O | 6 |
| (02 vol 7. | 0.50 | 0.82 | 0.70 | 1.78 | 1.26 | 0.34 | 0.06 |
| CHy 7. | | 7 | 2 | 28 | 2 | ĺ | 0 |

STANDARD 1A DPE SYSTEM D&M FORM

DATE: 2-8-24

O&M PERSONNEL: EC + PA

| SVE | SYSTEM | - MONTHLY | O&M |
|-----|--------|------------|-------|
| | | - MOISTIFF | Ualvi |

DPE ALARMS: KO TANK HIGH LEVEL DPE SYSTEM READING TIME Blower Hours (photo) 874 Transfer Pump Hours (photo) 10:39 18.4 Influent Vacuum Pre-KO (InHg) [WC 10:38 110 Fresh Air Bypass (% Open) 40 Pre-Filter Vacuum (InHg) 9 Post-Filter Vacuum (InHg) Differential Pressure (IWC) 3 Exhaust Temperature (*F)

17328

NOTES

| | SVE SYSTEM SAMPLING | |
|-----------------|--|---|
| PID (ppm) | Influent 1-8-24 395 OXYGEN (%) 20.6 Sample Bi-Monthly (every other month) for TVPH (8015), | SAMPLE TIME: 12:00 CARBON DIOXIDE (%) 0.49 |
| OPERATING WELLS | , (0015); | 6250 - Full List VOCs, Fixed Gas (CO2 AND O2) |

Change in Well Operation:

WELLHEAD MEASUREMENTS

Exhaust PID (ppm)

Transfer Pump Pressure (PSI)
Transfer Pump Totalizer (Gal) (photo)

| WELL ID | VACUUM (IWC) | PID HEADSPACE (PPM) | OXYGEN (%) | CARBON DIOXIDE |
|---------|--------------|------------------------|------------|----------------|
| MW01 | 84.3 | 436 | 19.8 | 0.75 |
| MW02 | 67.4 | 380 | 20.7 | 0.54 |
| MW03 | 78.4 | 325 | 19.0 | 1.36 |
| MW06 | 73.4 | 220 | 20.9 | 0.42 |
| MW10 | 79_1 | 381 | 20.9 | 0-37 |
| MW15 | 55.0 | 89.6 | 20.9 | 0.06 |

MANIFOLD MEASUREMENTS

| WELL ID | VACUUM (InHg) | SEE LIQUIDS? (YES/NO) | DIFF. PRESS. (IWC) | |
|---------|---------------|--------------------------|-----------------------|--|
| MW01 | 7.00 | ives | | |
| MW02 | 7.25 | Ves | 11 | |
| MVV03 | 9,50 | Ves | 9 | |
| MVV06 | 7.00 | 405 | 10 | |
| MVV10 | 7.00 | yes | 11 | |
| MW15 | 4.95 | VE5 | 9 | |

| 1.64 | - | | _ | R.I | _ | _ |
|------|-----|----|---|-----|---|---|
| IN | r L | ·u | _ | w | • | _ |
| | | | | | | |

| WELL ID | VACUUM (IWC) |
|---------|--------------|
| MVV04 | 0.0 |
| MW07 | 0.1 |

COMMENTS/MAINTENANCE ISSUES

ENSOLUM

STANDARD 1A DPE SYSTEM O&M FORM

2/15/24 TIME ONSITE: 103

O&M PERSONNEL:

| SVE SYSTEM - MONTHLY O&M | | | | |
|---------------------------------------|---------|--------------------|-------|--|
| DPE ALARMS: | | KO TANK HIGH LEVEL | NOTES | |
| DPE SYSTEM | READING | TIME | | |
| Blower Hours (photo) | 1039.8 | 1040 | | |
| Transfer Pump Hours (photo) | 21.5 | 10 90 | 1 | |
| Influent Vacuum Pre-KO (InHg) | 8.5 | 1044 | | |
| Fresh Air Bypass (% Open) | 40 | 1045 | | |
| Pre-Filter Vacuum (InHg) | 8.5 | 10.46 | | |
| Post-Filter Vacuum (InHg) | 7.6 | 1047 | | |
| Differential Pressure (IWC) | 3.0 | 1647 | | |
| Exhaust Temperature (°F) | 145.0 | 1048 | | |
| Exhaust PID (ppm) | 401.4 | 1200 | | |
| Transfer Pump Pressure (PSI) | 5.0 | 1049 | | |
| Transfer Pump Totalizer (Gal) (photo) | 210201 | 1043 | | |

SVE SYSTEM SAMPLING SAMPLE TIME: SAMPLE ID: CARBON DIOXIDE (%) OXYGEN (%) PID (ppm) Analytes: Sample Bi-Monthly (every other month) for TVPH (8015), 8260 - Full List VOCs, Fixed Gas (CO2 AND O2) OPERATING WELLS

| Change in Well Operation: WELLHEAD MEASUREMENTS | Prior to C | learing Hzo | for 3rd 7 | |
|---|--------------|------------------------|------------|----------------|
| WELL ID | VACUUM (IWC) | PID HEADSPACE (PPM) | OXYGEN (%) | CARBON DIOXIDE |
| MW01 | 63.8 | ## 41/2. | 8 70.9 Mil | 0.32 |
| MW02 MW08 DAG | 73.1 | 120.3 | 20.0 | 0.12 |
| MW03 MW0317 | 707.0 | 234.5 | 53 20-9286 | 0.18 |
| MW15 8.0 < | - 107.1 | 25.2 | 20.9 | 0.08 |

| MANIFOLD | MEASUREMENTS |
|----------|--------------|
| | |

| WELL ID | VACUUM (InHg) | SEE LIQUIDS? (YES/NO) | DIFF. PRESS. (IWC) |
|---------|---------------|--------------------------|-----------------------|
| MW01 | 7.0 | Yes | 0,2 |
| MW02 | 7.5 | Yes | 6 2 2 |
| MW03 | 10 | 1 405 | 0.15 |
| MW06 | 7.0 | 1 1.5 | 620.0 |
| MW10 | 7.0 | 1403 | 0.05 |
| MW15 | t. | 7040 | 0.03 |

| INFLUENCE | VACUUM (IWC) | 194105 |
|-----------|--------------|--------|
| WELL ID | VACOUM (IVO) | /1 |
| MW04 | 0.00 | , gom |
| MW07 | 0.02 | 406 |
| MWOS | 0.55 | 7-0 |

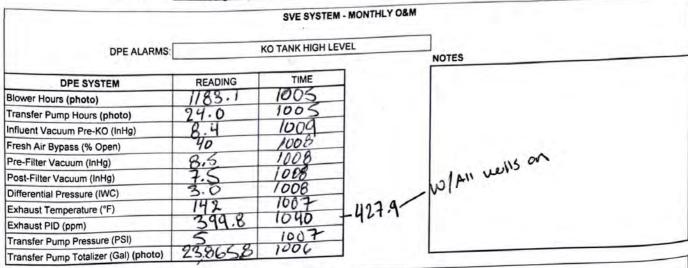
COMMENTS/MAINTENANCE ISSUES

wells 15 \$ 03 us pressure

@ Wellhead - Clogged from
water @ Manifold - Can visibly
see weter draining down Sight
tubes from other wells

STANDARD 1A DPE SYSTEM O&M FORM

O&M PERSONNEL TIME OFFSITE



SVE SYSTEM SAMPLING SAMPLE TIME: SAMPLE ID: **CARBON DIOXIDE (%)** OXYGEN (%) Analytes: Sample Bi-Monthly (every other month) for TVPH (8015), 8260 - Full List VOCs, Fixed Gas (CO2 AND O2) PID (ppm) **OPERATING WELLS**

Shot of @ menifild

| Change in Well Operation: | Wells 1 | 5 \$ 03 | 5lwt | off (2) Men |
|---------------------------|--------------|------------------------|------------|----------------|
| WELLHEAD MEASUREMENTS | | | en 12.70. | CARBON DIOXIDE |
| WELL ID | VACUUM (IWC) | PID HEADSPACE (PPM) | OXYGEN (%) | (%) |
| MW01 | 85.5 | 543.1 | 20.0 | 0.40 |
| MW02 | 73.3 | 175.4 | 10.0 | 0.77 |
| MW03 | 45.2 | 448.3 | 20.6 | 0.20 |
| MW06 | 73.0 | 318.8 | 20.7 | 0.16 |
| MW10 | 79.4 | 204.9 | 20.9 | 0.08 |
| MW15 | 108.0 | 5/33.3 | 20.0 | 0.38 |
| | | 1 1 1 | | |

15

Wells

- Nell'S 01,02,03,10
Collected other surples while 03\$ 15 short off 0.772 - opened 03\$15, Cleared
0.20 - opened 03\$15, Cleared
0.16 Hzo firm 1 sucs then
0.08 Ollected Samples and
comments/maintenance issues
Tuffuet Sample

| OLD MEASUREMENTS WELL ID | VACUUM (InHg) | SEE LIQUIDS? (YES/NO) | DIFF. PRESS (IWC) |
|--------------------------|---------------|--------------------------|----------------------|
| MW01 | 7.0 | У | 0.20 |
| MW02 | 7.0 | Ý | 0.15 |
| MW03 | | J | 0.22 |
| MW06 | 7.7 | 1) | 0.03 |
| MW10 | 7.0 | 1 | 0.00 |
| MW15 | | | |

Turned Back off 15\$03 after Sinfluent Sample Connected afterpted to remove 90° above to Tank to Put mesh M ko Tank but needed more/D, forest tools

| INFLUENCE | 1 |
|-----------|-------------|
| WELL ID | VACUUM (IWC |
| FO XWM | 0.05 |
| MWPK O4 | 0.01 |
| MW05 | 0.59 |

STANDARD 1A DPE SYSTEM **O&M FORM**

DATE 3-1-24 TIME ONSITE

D. Burns O&M PERSONNEL TIME OFFSITE

0.36

20.9

SVE SYSTEM - MONTHLY O&M

KO TANK HIGH LEVEL DPE ALARMS None

| DPE SYSTEM | READING | TIME |
|---------------------------------------|-----------|------|
| Blower Hours (photo) 1395 | 3 -139207 | 1320 |
| Transfer Pump Hours (photo) | 27.8 | |
| Influent Vacuum Pre-KO (InHg) | 10.5 | |
| Fresh Air Bypass (% Open) | 0 | |
| Pre-Filter Vacuum (InHg) | 12.0 | |
| Post-Filter Vacuum (InHg) | 10.5 | |
| Differential Pressure (IWC) | 2.25 | |
| Exhaust Temperature ("F) | 170 | |
| Exhaust PID (ppm) | 662 | |
| Transfer Pump Pressure (PSI) | 5 | |
| Transfer Pump Totalizer (Gal) (photo) | 28.033.7 | |

Turned vac up, MW 03+15 on Added demister mesh on top of KO tank

SVE SYSTEM SAMPLING SAMPLE TIME: SAMPLE ID: CARBON DIOXIDE (%) 0.36 OXYGEN (%) 20.9 269 PID (ppm) Analytes: Sample Bi-Monthly (every other month) for TVPH (8015), 8260 - Full List VOCs, Fixed Gas (CO2 AND O2) **OPERATING WELLS**

Change in Well Operation: WELLHEAD MEASUREMENTS VU CARBON DIOXIDE PID HEADSPACE OXYGEN (%) VACUUM (IWC) WELL ID VO1(%) (PPM) 20.5 0.44 353 107 MW01 0.36 20.9 MW02 19.7 404 92 MW03 0.24 20.9 121 MW06 20.9 0.12 101 MW10 0,00 20.9 MW15

Inlet: 269

% LEL PPM CHA 1,950 1,250 3650 0.0 780 0.0 0.0 0 470 0.0 620 0.36 3 C 0.0 1,950

MANIFOLD MEASUREMENTS

| WELL ID | VACUUM (InHg) | SEE LIQUIDS? (YES/NO) | DIFF, PRESS. (IWC) |
|---------|---------------|--------------------------|-----------------------|
| MW01 | 9 | Y | 0.28 |
| MW02 | 9 | Y | 0.56 |
| MW03 | 2 | Y | 0.13 |
| MVV06 | 9 | Y | 0,040 |
| MW10 | 9 | | 0.12 |
| MW15 | 9 | y | 0.07 |

| 14.15 | 2.00 | EIR | _ | |
|-------|------|-----|---|--|
| INFL | 111 | NL | _ | |

| WELL ID | VACUUM (IWC) |
|---------|--------------|
| MW04 | |
| MW07 | |

回 ENSOLUM

STANDARD 1A DPE SYSTEM O&M FORM

SVE SYSTEM - MONTHLY O&M

TIME ONSITE 1300

OM PERSONNEL D. BATAS

| DPE ALARMS | 10 /4 KI | TANK HIGH L |
|---------------------------------------|----------|-------------|
| DPE SYSTEM | READING | TIME |
| Blower Hours (photo) | 15447 | 1450 |
| Transfer Pump Hours (photo) | 32.0 | 1430 |
| Influent Vacuum Pre-KO (InHg) | 10.25 | |
| Fresh Air Bypass (% Open) | 0 | |
| Pre-Filter Vacuum (InHg) | 12.0 | |
| Post-Filter Vacuum (InHg) | 10.25 | |
| Differential Pressure (IWC) | 2.25 | |
| Exhaust Temperature ("F) | 170 | |
| Exhaust PID (ppm) | 525 | |
| Transfer Pump Pressure (PSI) | 525 | |
| Transfer Pump Totalizer (Gal) (photo) | 32074.1 | |

MW 15 not
flowing upon arrival.
Reset flow and added
a bit of freshair via
open cambook (1005e, not
acompletely stabl) to try + Keeg
tlow

| | | SVE SYSTEM | SAMPLING | | |
|-----------------|-----|------------|----------|---|--|
| PID (ppm) | 100 | OXYGEN (%) | 20.9 | SAMPLE TIME: 1415 CARBON DIOXIDE (%) 8260 - Full List VOCs, Fixed Gas (CO2 AND O2) | |
| OPERATING WELLS | AII | | 1 | | |

| Change in Well Operation: | | | | | | | | |
|--------------------------------|--------------|------------------------|------------|----------------|--------|------|-----|-----|
| WELLHEAD MEASUREMENTS | | | | • | m. His | Bow | ppm | 1.4 |
| WELL ID | VAGUUM (IWC) | PID HEADSPACE (PPM) | OXYGEN (%) | CARBON DIOXIDE | C44 | Flas | CO | CH |
| MW01 | 110.0 | 431 | 20.9 | 0.36 | 2,600 | 0.0 | 0 | 4 |
| MW02 | 90.4 | 396 | 20.4 | 0.24 | 1,050 | 0,0 | 0 | 2 |
| MW03 | 114.2 | 721 | 20.7 | 0.66 | 3,400 | 0.0 | 0 | 2 |
| MW06 | 93.5 | 314 | 20.9 | 0.16 | 810 | 0.0 | 0 | 2 |
| MW10 | 99.8 | 60 | 20.9 | 0.18 | 980 | 0.0 | 0 | -1 |
| MW15 | 132.7 | 114 | 20.9 | 0.00 | 350 | 0.0 | 6 | - 1 |
| Influent MANIFOLD MEASUREMENTS | | 453 | 20.9 | 0.30 | 1,450 | 0.0 | 0 | 2 |

| WELL ID | VACUUM (InHg) | SEE LIQUIDS? (YES/NO) | DIFF PRESS (IWC) |
|---------|---------------|--------------------------|---------------------|
| MW01 | 9 | Y | 0.51 |
| MW02 | 9 | Y | 0.64 |
| MVV03 | 11.5 | Y | 0.41 |
| MW06 | 9 | y | 0.65 |
| MW10 | 9 | Y | 0.34 |
| MW15 | 9 | Y | 0.16 |

| VACUUM (IWC) |
|--------------|
| |
| |
| |

5

STANDARD 1A DPE SYSTEM O&M FORM

DATE 3-14-24

ORM PERSONNEL D. BUTTS

SVE SYSTEM - MONTHLY O&M KO TANK HIGH LEVEL DPE ALARMS NOTES TIME READING MW 15 flowing now. Cleaned floot stem DPE SYSTEM 1305 1710.1 Blower Hours (photo) 36.6 Transfer Pump Hours (photo) 10.5 Influent Vacuum Pre-KO (InHg) Fresh Air Bypass (% Open) 0 Pre-Filter Vacuum (InHg) 12.25 10.5 Post-Filter Vacuum (InHg) 2.5 Differential Pressure (IWC) 160 Exhaust Temperature ("F) 763 Exhaust PID (ppm) Transfer Pump Pressure (PSI) 36361 Transfer Pump Totalizer (Gal) (photo)

| | SVE SYSTEM SAMPLING | ubmission. |
|------------------|--|---------------------------------------|
| | SVE SYSTEM SAMPLING THE COLLECTED THIS USE IT FOR S ONYGEN (%) 20.9 BI-Monthly (every other month) for TVPH (8015). 8260-F | |
| Analytes: Sample | | Full List VOCs, Fixed Gas (CO2 AND O2 |

| Change in Well Operation: | NONE | | | | | | | |
|---------------------------|--------------|------------------------|------------|-----------------------|-------|------|-----|-------|
| WELLHEAD MEASUREMENTS | | | | | ppm | Prim | ppm | V- LE |
| WELL ID | VACUUM (IWC) | PID HEADSPACE (PPM) | OXYGEN (%) | CARBON DIOXIDE (%) | CH4 | HZS | CO | CHY |
| MW01 | 108 | 409 | 20.9 | 0.38 | 3,050 | 0.0 | 0 | 4 |
| MW02 | 91 | 412 | 20.9 | 0.20 | 1,100 | 0.0 | 0 | 6 |
| MW03 | 110 | 687 | 20.4 | 0.44 | 3,500 | 0.0 | Ø | 2 |
| MW06 | 94 | 402 | 20.9 | 0.20 | 750 | 0.0 | 0 | F |
| MW10 | 100 | 130 | 20.9 | 0.00 | 410 | 0.0 | 0 | 1 |
| Jufluent | 132 | 504 | 20.9 | 0.28 | 1,500 | 0 D | 0 | 2 |

MANIFOLD MEASUREMENTS

| WELL ID | VACUUM (InHg) | SEE LIQUIDS? (YES/NO) | DIFF PRESS (IWC) |
|---------|---------------|--------------------------|---------------------|
| MW01 | 99.0 | Y | 0.19 |
| MW02 | 9.0 | Y | 0.64 |
| MW03 | 11.5 | Y | 0.35 |
| MW06 | 9.0 9 | Y | 0.30 |
| MW10 | 9.0 | Y | 0.57 |
| MW15 | 9.0 | Y | 0.13 |

| INFLUENCE | |
|-----------|--------------|
| WELL ID | VACUUM (IWC) |
| MW04 | |
| MW07 | |

TIME ONSITE 4.30

O&M PERSONNEL E. Corroll TIME OFFSITE

SVE SYSTEM - MONTHLY O&M

DPE ALARMS KO TANK HIGH LEVEL DPE SYSTEM Blower Hours (photo) READING TIME Transfer Pump Hours (photo) 1875.9 10:52 Influent Vacuum Pre-KO (InHg) 41.0 10:52 Fresh Air Bypass (% Open) 10.5 Pre-Filter Vacuum (InHg) 0 12.0 Post-Filter Vacuum (InHg) 11-0 Differential Pressure (IWC) Exhaust Temperature (°F) 2.5

| NOTES | | |
|-------|--|--|
| | | |
| | | |
| | | |
| | | |
| | | |

| PID (ppm) | 1 458 | | SAMPLE TIME: 1/: 40 |
|-----------------|-----------------------|---------------------------------------|-------------------------|
| Analytes: | Sample Bi-Monthly (au | OXYGEN (%) 20.9 | CARRON DIOVIDE |
| OPERATING WELLS | Au stanially (evi | ery other month) for TVPH (8015), 826 | CARBON DIOXIDE (%) 0,28 |

None

170 568

40443.4

WELLHEAD MEASUREMENTS

Exhaust PID (ppm)

Transfer Pump Pressure (PSI) Transfer Pump Totalizer (Gal) (photo)

| WELL ID | VACUUM (IWC) | PID HEADSPACE (PPM) | OXYGEN | CARBON DIOXIDE |
|---------|-----------------|------------------------|--------|----------------|
| MW01 | 108 | | (%) | (%) |
| MW02 | 91 | 398 | 20,9 | 0.36 |
| MW03 | 109 | 408 | 20.9 | 0.18 |
| MW06 | 93 | 627 | 20.3 | 0.45 |
| MW10 | 100 | 372 | 20.9 | 0.15 |
| MW15 | /3/ | 122 | 20.9 | 0.13 |
| | . 21 | 111 | 20.9 | 0.00 |

MANIFOLD MEASUREMENTS

| WELL ID | VACUUM (InHg) | SEE LIQUIDS? (YES/NO) | DIFF. PRESS. |
|---------|---------------|--------------------------|--------------|
| MW01 | 9 | V | |
| MW02 | 2 | 7 | 0.49 |
| MW03 | 2 11 5 | У | 0.61 |
| MW06 | 8.5 | <i>y</i> | 0.36 |
| MW10 | 9 | · / · | 0.27 |
| MW15 | ut a | · / | 0.48 |
| | 7 | V | 0 13 |

INFLUENCE

| WELL ID | VACUUM (IWC) |
|---------|--------------|
| MW04 | NM |
| MW07 | |
| | NM |

COMMENTS/MAINTENANCE ISSUES



APPENDIX B

Project Photographs

PROJECT PHOTOGRAPHS

Standard #1
San Juan County, New Mexico
Hilcorp Energy Company

Photograph 1

Runtime meter taken on January 3, 2024 at 2:02 PM Hours = 28.1



Photograph 2

Runtime meter taken on March 21, 2024 at 10:52 AM Hours = 1,875.9



PROJECT PHOTOGRAPHS

Standard #1
San Juan County, New Mexico
Hilcorp Energy Company

Photograph 3

Runtime meter taken on January 11, 2024 at 1:15 PM Gallons = 2,648.3



Photograph 4

Totalizer taken on March 21, 2024 at 10:52 AM Gallons = 40,443.4





APPENDIX C

DPE Laboratory Analytical Reports



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

January 24, 2024

Mitch Killough
HILCORP ENERGY
PO Box 4700
Farmington, NM 87499

TEL: (505) 564-0733

FAX:

RE: Standard 1A OrderNo.: 2401141

Dear Mitch Killough:

Eurofins Environment Testing South Central, LLC received 2 sample(s) on 1/4/2024 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 1/24/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent 1-2-24

 Project:
 Standard 1A
 Collection Date: 1/2/2024 2:10:00 PM

 Lab ID:
 2401141-001
 Matrix: AIR
 Received Date: 1/4/2024 7:00:00 AM

| EPA METHOD 8015D: GASOLINE RANGE Gasoline Range Organics (GRO) 170 5.0 μg/L 1 Surr: BFB 409 15-412 %Rec 1 EPA METHOD 8260B: VOLATILES Benzene 0.58 0.10 μg/L 1 Toluene 2.8 0.10 μg/L 1 Ethylbenzene 0.42 0.10 μg/L 1 Methyl tert-butyl ether (MTBE) ND 0.10 μg/L 1 Methyl tert-butyl ether (MTBE) ND 0.10 μg/L 1 1,2,4-Trimethylbenzene 0.79 0.10 μg/L 1 1,2,5-Trimethylbenzene 0.51 0.10 μg/L 1 1,2-Dichloroethane (EDC) ND 0.10 μg/L 1 1,2-Dibromoethane (EDB) ND 0.10 μg/L 1 1,2-Dibromoethane (EDB) ND 0.10 μg/L 1 1-Methylnaphthalene ND 0.40 μg/L 1 2-Methylnaphthalene ND | Analyst: JJP 1/5/2024 1:47:55 PM 1/5/2024 1:47:55 PM |
|--|---|
| Surr: BFB 409 15-412 %Rec 1 EPA METHOD 8260B: VOLATILES Benzene 0.58 0.10 µg/L 1 Toluene 2.8 0.10 µg/L 1 Ethylbenzene 0.42 0.10 µg/L 1 Methyl tert-butyl ether (MTBE) ND 0.10 µg/L 1 1,2,4-Trimethylbenzene 0.79 0.10 µg/L 1 1,3,5-Trimethylbenzene 0.51 0.10 µg/L 1 1,2-Dichloroethane (EDC) ND 0.10 µg/L 1 1,2-Dibromoethane (EDB) ND 0.10 µg/L 1 Nphthalene ND 0.20 µg/L 1 1-Methylnaphthalene ND 0.40 µg/L 1 2-Methylnaphthalene ND 0.40 µg/L 1 Acetone ND 0.10 µg/L 1 Bromobenzene ND 0.10 µg/L 1 Bromodichloromethane | |
| Benzene 0.58 0.10 µg/L 1 Toluene 2.8 0.10 µg/L 1 Ethylbenzene 0.42 0.10 µg/L 1 Methyl tert-butyl ether (MTBE) ND 0.10 µg/L 1 1 1,2,4-Trimethylbenzene 0.79 0.10 µg/L 1 1 1,3,5-Trimethylbenzene 0.51 0.10 µg/L 1 1,2-Dichloroethane (EDC) ND 0.10 µg/L 1 1,2-Dibromoethane (EDC) ND 0.10 µg/L 1 1,2-Dibromoethane (EDB) ND 0.10 µg/L 1 1 1-Methylnaphthalene ND 0.20 µg/L 1 1 1-Methylnaphthalene ND 0.40 µg/L 1 1 2-Methylnaphthalene ND 0.40 µg/L 1 1 1 1 1 1 1 1 1 | 1/5/2024 1:47:55 PM |
| Benzene 0.58 0.10 μg/L 1 Toluene 2.8 0.10 μg/L 1 Ethylbenzene 0.42 0.10 μg/L 1 Methyl tert-butyl ether (MTBE) ND 0.10 μg/L 1 1,2,4-Trimethylbenzene 0.79 0.10 μg/L 1 1,3,5-Trimethylbenzene 0.51 0.10 μg/L 1 1,2-Dichloroethane (EDC) ND 0.10 μg/L 1 1,2-Dibromoethane (EDB) ND 0.10 μg/L 1 Naphthalene ND 0.20 μg/L 1 1-Methylnaphthalene ND 0.40 μg/L 1 2-Methylnaphthalene ND 0.40 μg/L 1 Acetone ND 0.10 μg/L 1 Bromobenzene ND 0.10 μg/L 1 Bromodichloromethane ND 0.10 μg/L 1 Bromoform ND 0.10 μg/L 1 | |
| Toluene 2.8 0.10 μg/L 1 Ethylbenzene 0.42 0.10 μg/L 1 Methyl tert-butyl ether (MTBE) ND 0.10 μg/L 1 1,2,4-Trimethylbenzene 0.79 0.10 μg/L 1 1,3,5-Trimethylbenzene 0.51 0.10 μg/L 1 1,2-Dichloroethane (EDC) ND 0.10 μg/L 1 1,2-Dibromoethane (EDB) ND 0.10 μg/L 1 Naphthalene ND 0.20 μg/L 1 1-Methylnaphthalene ND 0.40 μg/L 1 2-Methylnaphthalene ND 0.40 μg/L 1 Acetone ND 0.10 μg/L 1 Bromobenzene ND 0.10 μg/L 1 Bromodichloromethane ND 0.10 μg/L 1 Bromoform ND 0.10 μg/L 1 | Analyst: JR |
| Ethylbenzene 0.42 0.10 μg/L 1 Methyl tert-butyl ether (MTBE) ND 0.10 μg/L 1 1,2,4-Trimethylbenzene 0.79 0.10 μg/L 1 1,3,5-Trimethylbenzene 0.51 0.10 μg/L 1 1,2-Dichloroethane (EDC) ND 0.10 μg/L 1 1,2-Dibromoethane (EDB) ND 0.10 μg/L 1 Naphthalene ND 0.20 μg/L 1 1-Methylnaphthalene ND 0.40 μg/L 1 2-Methylnaphthalene ND 0.40 μg/L 1 Acetone ND 0.10 μg/L 1 Bromobenzene ND 0.10 μg/L 1 Bromodichloromethane ND 0.10 μg/L 1 Bromoform ND 0.10 μg/L 1 | 1/16/2024 11:25:09 AM |
| Ethylbenzene 0.42 0.10 μg/L 1 Methyl tert-butyl ether (MTBE) ND 0.10 μg/L 1 1,2,4-Trimethylbenzene 0.79 0.10 μg/L 1 1,3,5-Trimethylbenzene 0.51 0.10 μg/L 1 1,2-Dichloroethane (EDC) ND 0.10 μg/L 1 1,2-Dibromoethane (EDB) ND 0.10 μg/L 1 Naphthalene ND 0.20 μg/L 1 1-Methylnaphthalene ND 0.40 μg/L 1 2-Methylnaphthalene ND 0.40 μg/L 1 Acetone ND 0.10 μg/L 1 Bromobenzene ND 0.10 μg/L 1 Bromodichloromethane ND 0.10 μg/L 1 Bromoform ND 0.10 μg/L 1 | 1/16/2024 11:25:09 AM |
| 1,2,4-Trimethylbenzene 0.79 0.10 μg/L 1 1,3,5-Trimethylbenzene 0.51 0.10 μg/L 1 1,2-Dichloroethane (EDC) ND 0.10 μg/L 1 1,2-Dibromoethane (EDB) ND 0.10 μg/L 1 Naphthalene ND 0.20 μg/L 1 1-Methylnaphthalene ND 0.40 μg/L 1 2-Methylnaphthalene ND 0.40 μg/L 1 Acetone ND 1.0 μg/L 1 Bromobenzene ND 0.10 μg/L 1 Bromodichloromethane ND 0.10 μg/L 1 Bromoform ND 0.10 μg/L 1 | 1/16/2024 11:25:09 AM |
| 1,2,4-Trimethylbenzene 0.79 0.10 µg/L 1 1,3,5-Trimethylbenzene 0.51 0.10 µg/L 1 1,2-Dichloroethane (EDC) ND 0.10 µg/L 1 1,2-Dibromoethane (EDB) ND 0.10 µg/L 1 Naphthalene ND 0.20 µg/L 1 1-Methylnaphthalene ND 0.40 µg/L 1 2-Methylnaphthalene ND 0.40 µg/L 1 Acetone ND 1.0 µg/L 1 Bromobenzene ND 0.10 µg/L 1 Bromodichloromethane ND 0.10 µg/L 1 Bromoform ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| 1,3,5-Trimethylbenzene 0.51 0.10 µg/L 1 1,2-Dichloroethane (EDC) ND 0.10 µg/L 1 1,2-Dibromoethane (EDB) ND 0.10 µg/L 1 Naphthalene ND 0.20 µg/L 1 1-Methylnaphthalene ND 0.40 µg/L 1 2-Methylnaphthalene ND 0.40 µg/L 1 Acetone ND 1.0 µg/L 1 Bromobenzene ND 0.10 µg/L 1 Bromodichloromethane ND 0.10 µg/L 1 Bromoform ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| 1,2-Dichloroethane (EDC) ND 0.10 µg/L 1 1,2-Dibromoethane (EDB) ND 0.10 µg/L 1 Naphthalene ND 0.20 µg/L 1 1-Methylnaphthalene ND 0.40 µg/L 1 2-Methylnaphthalene ND 0.40 µg/L 1 Acetone ND 1.0 µg/L 1 Bromobenzene ND 0.10 µg/L 1 Bromodichloromethane ND 0.10 µg/L 1 Bromoform ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| 1,2-Dibromoethane (EDB) ND 0.10 μg/L 1 Naphthalene ND 0.20 μg/L 1 1-Methylnaphthalene ND 0.40 μg/L 1 2-Methylnaphthalene ND 0.40 μg/L 1 Acetone ND 1.0 μg/L 1 Bromobenzene ND 0.10 μg/L 1 Bromodichloromethane ND 0.10 μg/L 1 Bromoform ND 0.10 μg/L 1 | 1/16/2024 11:25:09 AM |
| Naphthalene ND 0.20 μg/L 1 1-Methylnaphthalene ND 0.40 μg/L 1 2-Methylnaphthalene ND 0.40 μg/L 1 Acetone ND 1.0 μg/L 1 Bromobenzene ND 0.10 μg/L 1 Bromodichloromethane ND 0.10 μg/L 1 Bromoform ND 0.10 μg/L 1 | 1/16/2024 11:25:09 AM |
| 1-Methylnaphthalene ND 0.40 μg/L 1 2-Methylnaphthalene ND 0.40 μg/L 1 Acetone ND 1.0 μg/L 1 Bromobenzene ND 0.10 μg/L 1 Bromodichloromethane ND 0.10 μg/L 1 Bromoform ND 0.10 μg/L 1 | 1/16/2024 11:25:09 AM |
| 2-Methylnaphthalene ND 0.40 μg/L 1 Acetone ND 1.0 μg/L 1 Bromobenzene ND 0.10 μg/L 1 Bromodichloromethane ND 0.10 μg/L 1 Bromoform ND 0.10 μg/L 1 | 1/16/2024 11:25:09 AM |
| Acetone ND 1.0 μg/L 1 Bromobenzene ND 0.10 μg/L 1 Bromodichloromethane ND 0.10 μg/L 1 Bromoform ND 0.10 μg/L 1 | 1/16/2024 11:25:09 AM |
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| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | 1/16/2024 11:25:09 AM |
| Bromoform ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| | 1/16/2024 11:25:09 AM |
| Bromomethane ND 0.20 µg/L 1 | 1/16/2024 11:25:09 AM |
| 2-Butanone ND 1.0 μg/L 1 | 1/16/2024 11:25:09 AM |
| Carbon disulfide ND 1.0 µg/L 1 | 1/16/2024 11:25:09 AM |
| Carbon tetrachloride ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| Chlorobenzene ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| Chloroethane ND 0.20 µg/L 1 | 1/16/2024 11:25:09 AM |
| Chloroform ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| Chloromethane ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| 2-Chlorotoluene ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| 4-Chlorotoluene ND 0.10 μg/L 1 | 1/16/2024 11:25:09 AM |
| cis-1,2-DCE ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| cis-1,3-Dichloropropene ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| 1,2-Dibromo-3-chloropropane ND 0.20 µg/L 1 | 1/16/2024 11:25:09 AM |
| Dibromochloromethane ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| Dibromomethane ND 0.20 μg/L 1 | 1/16/2024 11:25:09 AM |
| 1,2-Dichlorobenzene ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| 1,3-Dichlorobenzene ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| 1,4-Dichlorobenzene ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| Dichlorodifluoromethane ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| 1,1-Dichloroethane ND 0.10 µg/L 1 | 1/16/2024 11:25:09 AM |
| 1,1-Dichloroethene ND 0.10 µg/L 1 | ., |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported: 1/24/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent 1-2-24

 Project:
 Standard 1A
 Collection Date: 1/2/2024 2:10:00 PM

 Lab ID:
 2401141-001
 Matrix: AIR
 Received Date: 1/4/2024 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|--------|----------|----|-----------------------|
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: JR |
| 1,2-Dichloropropane | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 1,3-Dichloropropane | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 2,2-Dichloropropane | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 1,1-Dichloropropene | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| Hexachlorobutadiene | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 2-Hexanone | ND | 1.0 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| Isopropylbenzene | 0.11 | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 4-Isopropyltoluene | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 4-Methyl-2-pentanone | ND | 1.0 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| Methylene chloride | ND | 0.30 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| n-Butylbenzene | ND | 0.30 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| n-Propylbenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| sec-Butylbenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| Styrene | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| tert-Butylbenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 1,1,1,2-Tetrachloroethane | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 1,1,2,2-Tetrachloroethane | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| Tetrachloroethene (PCE) | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| trans-1,2-DCE | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| trans-1,3-Dichloropropene | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 1,2,3-Trichlorobenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 1,2,4-Trichlorobenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 1,1,1-Trichloroethane | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 1,1,2-Trichloroethane | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| Trichloroethene (TCE) | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| Trichlorofluoromethane | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| 1,2,3-Trichloropropane | ND | 0.20 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| Vinyl chloride | ND | 0.10 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| Xylenes, Total | 8.9 | 0.15 | μg/L | 1 | 1/16/2024 11:25:09 AM |
| Surr: Dibromofluoromethane | 76.7 | 70-130 | %Rec | 1 | 1/16/2024 11:25:09 AM |
| Surr: 1,2-Dichloroethane-d4 | 82.9 | 70-130 | %Rec | 1 | 1/16/2024 11:25:09 AM |
| Surr: Toluene-d8 | 103 | 70-130 | %Rec | 1 | 1/16/2024 11:25:09 AM |
| Surr: 4-Bromofluorobenzene | 121 | 70-130 | %Rec | 1 | 1/16/2024 11:25:09 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported: 1/24/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Project: Standard 1A

Collection Date: 1/3/2024 1:45:00 PM

Lab ID: 2401141-002

Matrix: AIR

Received Date: 1/4/2024 7:00:00 AM

| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
|----------------------------------|--------|--------|----------|----|-----------------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | 69 | 5.0 | μg/L | 1 | 1/5/2024 3:23:01 PM |
| Surr: BFB | 252 | 15-412 | %Rec | 1 | 1/5/2024 3:23:01 PM |
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: JR |
| Benzene | 0.21 | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Toluene | 1.2 | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Ethylbenzene | 0.24 | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Methyl tert-butyl ether (MTBE) | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,2,4-Trimethylbenzene | 0.44 | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,3,5-Trimethylbenzene | 0.30 | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,2-Dichloroethane (EDC) | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,2-Dibromoethane (EDB) | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Naphthalene | ND | 0.20 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1-Methylnaphthalene | ND | 0.40 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 2-Methylnaphthalene | ND | 0.40 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Acetone | ND | 1.0 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Bromobenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Bromodichloromethane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Bromoform | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Bromomethane | ND | 0.20 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 2-Butanone | ND | 1.0 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Carbon disulfide | ND | 1.0 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Carbon tetrachloride | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Chlorobenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Chloroethane | ND | 0.20 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Chloroform | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Chloromethane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 2-Chlorotoluene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 4-Chlorotoluene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| cis-1,2-DCE | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| cis-1,3-Dichloropropene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,2-Dibromo-3-chloropropane | ND | 0.20 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Dibromochloromethane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Dibromomethane | ND | 0.20 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,2-Dichlorobenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,3-Dichlorobenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,4-Dichlorobenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Dichlorodifluoromethane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,1-Dichloroethane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,1-Dichloroethene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported: 1/24/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent 1-3-24

 Project:
 Standard 1A
 Collection Date: 1/3/2024 1:45:00 PM

 Lab ID:
 2401141-002
 Matrix: AIR
 Received Date: 1/4/2024 7:00:00 AM

| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
|-----------------------------|--------|--------|----------|----|-----------------------|
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: JR |
| 1,2-Dichloropropane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,3-Dichloropropane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 2,2-Dichloropropane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,1-Dichloropropene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Hexachlorobutadiene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 2-Hexanone | ND | 1.0 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Isopropylbenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 4-Isopropyltoluene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 4-Methyl-2-pentanone | ND | 1.0 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Methylene chloride | ND | 0.30 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| n-Butylbenzene | ND | 0.30 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| n-Propylbenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| sec-Butylbenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Styrene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| tert-Butylbenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,1,1,2-Tetrachloroethane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,1,2,2-Tetrachloroethane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Tetrachloroethene (PCE) | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| trans-1,2-DCE | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| trans-1,3-Dichloropropene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,2,3-Trichlorobenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,2,4-Trichlorobenzene | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,1,1-Trichloroethane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,1,2-Trichloroethane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Trichloroethene (TCE) | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Trichlorofluoromethane | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| 1,2,3-Trichloropropane | ND | 0.20 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Vinyl chloride | ND | 0.10 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Xylenes, Total | 5.0 | 0.15 | μg/L | 1 | 1/16/2024 12:20:10 PM |
| Surr: Dibromofluoromethane | 81.1 | 70-130 | %Rec | 1 | 1/16/2024 12:20:10 PM |
| Surr: 1,2-Dichloroethane-d4 | 91.9 | 70-130 | %Rec | 1 | 1/16/2024 12:20:10 PM |
| Surr: Toluene-d8 | 106 | 70-130 | %Rec | 1 | 1/16/2024 12:20:10 PM |
| Surr: 4-Bromofluorobenzene | 117 | 70-130 | %Rec | 1 | 1/16/2024 12:20:10 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

ANALYTICAL SUMMARY REPORT

January 11, 2024

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

Work Order: B24010337 Quote ID: B15626

Project Name: Tedlar Gas Analysis

Energy Laboratories Inc Billings MT received the following 2 samples for Hall Environmental on 1/5/2024 for analysis.

| Lab ID | Client Sample ID | Collect Date | Receive Date | Matri x | Test |
|---------------|-----------------------------------|----------------|--------------|---------|---|
| B24010337-001 | 24011141-001B, Influent 1-2-24 | 01/02/24 14:10 | 0 01/05/24 | Air | Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60 |
| B24010337-002 | 2401141-002B, Influent 1-3-24 | 01/03/24 13:45 | 5 01/05/24 | Air | Same As Above |

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

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

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

Report Approved By:

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental **Report Date: 01/11/24 Project:** Tedlar Gas Analysis Collection Date: 01/02/24 14:10 Lab ID: B24010337-001 DateReceived: 01/05/24

Client Sample ID: 24011141-001B, Influent 1-2-24 Matrix: Air

| Analyses | Result l | Units (| Qualifiers | | MCL/ QCL | Method | Analysis Date / By |
|---|-----------|---------|------------|-------|-------------|-------------|----------------------|
| GAS CHROMATOGRAPHY ANALYSIS | REPORT | | | | | | |
| Oxygen | 21.64 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| Nitrogen | 78.26 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| Carbon Dioxide | 0.09 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| Hydrogen Sulfide | <0.01 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| Methane | 0.01 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| Ethane | <0.01 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| Propane | <0.01 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| sobutane | <0.01 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| -Butane | <0.01 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| sopentane | <0.01 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| -Pentane | <0.01 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| lexanes plus | <0.01 N | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| Propane | < 0.001 g | gpm | (| 0.001 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| sobutane | < 0.001 g | gpm | (| 0.001 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| n-Butane | < 0.001 g | gpm | (| 0.001 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| sopentane | < 0.001 g | gpm | (| 0.001 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| -Pentane | < 0.001 g | gpm | (| 0.001 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| lexanes plus | < 0.001 g | gpm | (| 0.001 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| SPM Total | < 0.001 g | gpm | (| 0.001 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| GPM Pentanes plus | < 0.001 g | gpm | (| 0.001 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| CALCULATED PROPERTIES | | | | | | | |
| Gross BTU per cu ft @ Std Cond. (HHV) | ND | | | 1 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| let BTU per cu ft @ std cond. (LHV) | ND | | | 1 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| Pseudo-critical Pressure, psia | 545 | | | 1 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| Pseudo-critical Temperature, deg R | 239 | | | 1 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| Specific Gravity @ 60/60F | 0.998 | | (| 0.001 | | D3588-81 | 01/09/24 01:34 / jrj |
| Air, % | 98.86 | | | 0.01 | | GPA 2261-95 | 01/09/24 01:34 / jrj |
| - The analysis was not corrected for air. | | | | | | | |
| COMMENTS | | | | | | | |
| | | | | | | | |

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

RL - Analyte Reporting Limit Report MCL - Maximum Contaminant Level

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

01/09/24 01:34 / jrj

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

⁻ To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825. - Standard conditions: 60 F & 14.73 psi on a dry basis.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

 Client:
 Hall Environmental
 Report Date: 01/11/24

 Project:
 Tedlar Gas Analysis
 Collection Date: 01/03/24 13:45

 Lab ID:
 B24010337-002
 DateReceived: 01/05/24

 Client Sample ID:
 2401141-002B, Influent 1-3-24
 Matrix: Air

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---------|-------|------------|-------|-------------|-------------|----------------------|
| GAS CHROMATOGRAPHY ANALYSIS F | REPORT | | | | | | |
| Oxygen | _ | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Nitrogen | 78.22 | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Carbon Dioxide | 0.06 | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Hydrogen Sulfide | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Methane | 0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Ethane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Propane | < 0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Isobutane | < 0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| n-Butane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Isopentane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| n-Pentane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Hexanes plus | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Propane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Isobutane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| n-Butane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Isopentane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| n-Pentane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Hexanes plus | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| GPM Total | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| GPM Pentanes plus | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| CALCULATED PROPERTIES | | | | | | | |
| Gross BTU per cu ft @ Std Cond. (HHV) | ND | | | 1 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Net BTU per cu ft @ std cond. (LHV) | ND | | | 1 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Pseudo-critical Pressure, psia | 545 | | | 1 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Pseudo-critical Temperature, deg R | 239 | | | 1 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| Specific Gravity @ 60/60F | 0.998 | | | 0.001 | | D3588-81 | 01/09/24 02:31 / jrj |
| Air, % | 99.18 | | | 0.01 | | GPA 2261-95 | 01/09/24 02:31 / jrj |
| - The analysis was not corrected for air. | | | | | | | |
| COMMENTS | | | | | | | |

COMMENTS

- 01/09/24 02:31 / jrj

Report RL - Analyte Reporting Limit MCL - Maximum Contaminant Level

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

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

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

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

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



QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental Work Order: B24010337 Report Date: 01/11/24

| Onchi. | Tiali Environmental | | | | Work Oraci. | D2-10 1 | 0007 | itopoi | t Date. | 01/11/24 | |
|-----------|---------------------|--------|-------------|--------------|-------------|---------|-----------|-------------|---------|----------|-----------|
| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
| Method: | GPA 2261-95 | | | | | | | | | Batch: | : R41489 |
| Lab ID: | LCS010924 | 11 Lab | oratory Co | ntrol Sample | | | Run: GCNG | A-B_240109A | | 01/09 | /24 03:25 |
| Oxygen | | | 0.64 | Mol % | 0.01 | 128 | 70 | 130 | | | |
| Nitrogen | | | 6.34 | Mol % | 0.01 | 106 | 70 | 130 | | | |
| Carbon D | Dioxide | | 0.99 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Methane | | | 74.4 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Ethane | | | 6.02 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Propane | | | 5.00 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Isobutane | е | | 1.77 | Mol % | 0.01 | 88 | 70 | 130 | | | |
| n-Butane | | | 1.99 | Mol % | 0.01 | 99 | 70 | 130 | | | |
| Isopentar | ne | | 1.00 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| n-Pentan | е | | 1.00 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Hexanes | plus | | 0.81 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Lab ID: | B24010204-001ADUP | 12 San | nple Duplic | ate | | | Run: GCNG | A-B_240109A | | 01/09 | /24 10:44 |
| Oxygen | | | 21.7 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Nitrogen | | | 78.2 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Carbon D | Dioxide | | 0.05 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Hydroger | n Sulfide | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Methane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Propane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | е | | < 0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Butane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| | ne | | < 0.01 | Mol % | 0.01 | | | | | 20 | |
| Isopentar | | | | | | | | | | | |
| n-Pentan | | | < 0.01 | Mol % | 0.01 | | | | | 20 | |

Qualifiers:

RL - Analyte Reporting Limit

 $\ensuremath{\mathsf{ND}}$ - Not detected at the Reporting Limit (RL)



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

Work Order Receipt Checklist

Hall Environmental

B24010337

| Login completed by: | Crystal M. Jones | | Date | Received: 1/5/2024 |
|---|---------------------------------|---------------|------|------------------------|
| Reviewed by: | dharris | | Re | eceived by: cmj |
| Reviewed Date: | 1/5/2024 | | Car | rrier name: FedEx |
| Shipping container/cooler in | good condition? | Yes 🗹 | No 🗌 | Not Present |
| Custody seals intact on all sh | nipping container(s)/cooler(s)? | Yes √ | No 🗌 | Not Present |
| Custody seals intact on all sa | ample bottles? | Yes | No 🗌 | Not Present 🗸 |
| Chain of custody present? | | Yes √ | No 🗌 | |
| Chain of custody signed whe | en relinquished and received? | Yes ✓ | No 🗌 | |
| Chain of custody agrees with | sample labels? | Yes √ | No 🗌 | |
| Samples in proper container | bottle? | Yes √ | No 🗌 | |
| Sample containers intact? | | Yes √ | No 🗌 | |
| Sufficient sample volume for | indicated test? | Yes ✓ | No 🗌 | |
| All samples received within h (Exclude analyses that are couch as pH, DO, Res Cl, Su | onsidered field parameters | Yes √ | No 🗌 | |
| Temp Blank received in all sl | nipping container(s)/cooler(s)? | Yes | No 🗹 | Not Applicable |
| Container/Temp Blank tempe | erature: | 12.0°C No Ice | | |
| Containers requiring zero heabubble that is <6mm (1/4"). | adspace have no headspace or | Yes | No 🗌 | No VOA vials submitted |
| Water - pH acceptable upon | receipt? | Yes [] | No 🗌 | Not Applicable 🔽 |
| | | | | |

Standard Reporting Procedures:

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

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

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

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

Contact and Corrective Action Comments:

None

FAX: 505-345-4107

Website: www.hallenvironmental.com

eurofins Environment Testing

CHAIN OF CUSTODY RECORD PAGE: 1 OFF. 1

Eurofins Environment Testing South Central, LLC 4901 Havkins NE Albuquerque, NM 87109

| SUB CO | NITRATOR Energ | SUB CONTRATOR Energy Labs -Billings COMPANY. | Energy Laboratories | ies | PHONE | (406) 869-6253 | FAX | (406) 252-6069 |
|---------|--------------------|--|---------------------|--------|---------------------|---|-----------|---------------------|
| ADDRESS | | 1120 South 27th Street | | | ACCOUNT #: | | EMAIL: | |
| CITY, S | TATE, ZIP. Billing | CITY, STATE, ZIP. Billings, MT 59107 | | | | | | |
| ITEM | SAMPLE | CLIENT SAMPLE ID | BOTTLE | MATRIX | COLLECTION | # CONTAINERS | NALYTICA | ANALYTICAL COMMENTS |
| | 2401141-001B | 2401141-001B Influent 1-2-24 | TEDLAR | Air | 1/2/2024 2:10:00 PM | 1 Natural Gas Analysis- 02,CO2,CO | 02,002,00 | 82401033 |
| 7 | 2401141-002B | 2401141-002B Influent 1-3-24 | TEDLAR | Air | 1/3/2024 1:45:00 PM | 1/3/2024 1:45:00 PM 1 Natural Gas Analysis- 02,CO2,CO | 02,002,00 | |

Include the LAB ID and CLIENT SAMPLE ID on final reports. Email results to Hall.Lab@et.eurofinsus.com. For Questions email Hall.samplecontrol@et.eurofinsus.com. Please return all coolers and blue ice. Thank you. ONLINE Attempt to Cool ? REPORT TRANSMITTAL DESIRED; EMAIL FOR LAB USE ONLY FAX HARDCOPY (extra cost) Temp of samples Comments Time Time: 3rd BD 13/24 Date Date: 2nd BD Next BD Received By Received By 8:57 AM Time Time: 1/4/2024 Date Date Date SPECIAL INSTRUCTIONS / COMMENTS: TAT: Relinquished By

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

8000

WO#: **2401141**

24-Jan-24

Client: HILCORP ENERGY

Project: Standard 1A

Surr: BFB

Sample ID: 2401141-001adup SampType: DUP TestCode: EPA Method 8015D: Gasoline Range

2000

Client ID: Influent 1-2-24 Batch ID: GA102272 RunNo: 102272

Prep Date: Analysis Date: 1/5/2024 SeqNo: 3775874 Units: μg/L

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 170 5.0 3.36 20

398

15

412

0

0

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401141**

24-Jan-24

Client: HILCORP ENERGY

Project: Standard 1A

| Sample ID: 2401141-001adup | SampT | ype: DU | Р | Tes | tCode: EF | PA Method | 8260B: Volati | es | | |
|--|------------|-------------------|-----------|-------------|------------------|-----------|---------------|--------|----------|------|
| Client ID: Influent 1-2-24 | Batch | n ID: R1 0 | 02470 | F | RunNo: 10 | 02470 | | | | |
| Prep Date: | Analysis D |)ate: 1 / | 16/2024 | 5 | SeqNo: 37 | 785172 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| enzene | 0.61 | 0.10 | | | | | | 6.21 | 20 | |
| oluene | 2.9 | 0.10 | | | | | | 2.39 | 20 | |
| thylbenzene | 0.42 | 0.10 | | | | | | 0.0576 | 20 | |
| lethyl tert-butyl ether (MTBE) | ND | 0.10 | | | | | | 0 | 20 | |
| ,2,4-Trimethylbenzene | 0.80 | 0.10 | | | | | | 0.418 | 20 | |
| ,3,5-Trimethylbenzene | 0.51 | 0.10 | | | | | | 0.487 | 20 | |
| ,2-Dichloroethane (EDC) | ND | 0.10 | | | | | | 0 | 20 | |
| ,2-Dibromoethane (EDB) | ND | 0.10 | | | | | | 0 | 20 | |
| laphthalene | ND | 0.20 | | | | | | 0 | 20 | |
| -Methylnaphthalene | ND | 0.40 | | | | | | 0 | 20 | |
| -Methylnaphthalene | ND | 0.40 | | | | | | 0 | 20 | |
| cetone | ND | 1.0 | | | | | | 0 | 20 | |
| romobenzene | ND | 0.10 | | | | | | 0 | 20 | |
| romodichloromethane | ND | 0.10 | | | | | | 0 | 20 | |
| romoform | ND | 0.10 | | | | | | 0 | 20 | |
| romomethane | ND | 0.20 | | | | | | 0 | 20 | |
| -Butanone | ND | 1.0 | | | | | | 0 | 20 | |
| Carbon disulfide | ND | 1.0 | | | | | | 0 | 20 | |
| Carbon tetrachloride | ND | 0.10 | | | | | | 0 | 20 | |
| Chlorobenzene | ND | 0.10 | | | | | | 0 | 20 | |
| Chloroethane | ND | 0.20 | | | | | | 0 | 20 | |
| Chloroform | ND | 0.10 | | | | | | 0 | 20 | |
| Chloromethane | ND | 0.10 | | | | | | 0 | 20 | |
| -Chlorotoluene | ND | 0.10 | | | | | | 0 | 20 | |
| -Chlorotoluene | ND | 0.10 | | | | | | 0 | 20 | |
| is-1,2-DCE | ND | 0.10 | | | | | | 0 | 20 | |
| is-1,3-Dichloropropene | ND | 0.10 | | | | | | 0 | 20 | |
| ,2-Dibromo-3-chloropropane | ND | 0.20 | | | | | | 0 | 20 | |
| Dibromochloromethane | ND | 0.10 | | | | | | 0 | 20 | |
| Dibromomethane | ND | 0.20 | | | | | | 0 | 20 | |
| .2-Dichlorobenzene | ND | 0.10 | | | | | | 0 | 20 | |
| ,3-Dichlorobenzene | ND | 0.10 | | | | | | 0 | 20 | |
| ,4-Dichlorobenzene | ND | 0.10 | | | | | | 0 | 20 | |
| pichlorodifluoromethane | ND | 0.10 | | | | | | 0 | 20 | |
| .1-Dichloroethane | ND | 0.10 | | | | | | 0 | 20 | |
| ,1-Dichloroethane ,1-Dichloroethene | ND ND | 0.10 | | | | | | 0 | 20 | |
| ,2-Dichloropropane | ND ND | 0.10 | | | | | | | 20 | |
| ,3-Dichloropropane | | 0.10 | | | | | | 0 | 20 | |
| , J-DICHIUHUDHUDAHE | ND | 0.10 | | | | | | 0 | ∠∪ | |

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401141 24-Jan-24**

Client: HILCORP ENERGY

Project: Standard 1A

| Sample ID: 2401141-001adup | Samp1 | Гуре: DU | P | Tes | tCode: El | PA Method | 8260B: Volati | les | | |
|-----------------------------------|------------|------------------|-----------|-------------|-----------|-----------|---------------|-------|----------|------|
| Client ID: Influent 1-2-24 | Batcl | h ID: R1 | 02470 | F | RunNo: 1 | 02470 | | | | |
| Prep Date: | Analysis [| Date: 1 / | 16/2024 | 5 | SeqNo: 3 | 785172 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,1-Dichloropropene | ND | 0.10 | | | | | | 0 | 20 | |
| Hexachlorobutadiene | ND | 0.10 | | | | | | 0 | 20 | |
| 2-Hexanone | ND | 1.0 | | | | | | 0 | 20 | |
| Isopropylbenzene | 0.11 | 0.10 | | | | | | 0.983 | 20 | |
| 4-Isopropyltoluene | ND | 0.10 | | | | | | 0 | 20 | |
| 4-Methyl-2-pentanone | ND | 1.0 | | | | | | 0 | 20 | |
| Methylene chloride | ND | 0.30 | | | | | | 0 | 20 | |
| n-Butylbenzene | ND | 0.30 | | | | | | 0 | 20 | |
| n-Propylbenzene | ND | 0.10 | | | | | | 0 | 20 | |
| sec-Butylbenzene | ND | 0.10 | | | | | | 0 | 20 | |
| Styrene | ND | 0.10 | | | | | | 0 | 20 | |
| tert-Butylbenzene | ND | 0.10 | | | | | | 0 | 20 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.10 | | | | | | 0 | 20 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.10 | | | | | | 0 | 20 | |
| Tetrachloroethene (PCE) | ND | 0.10 | | | | | | 0 | 20 | |
| trans-1,2-DCE | ND | 0.10 | | | | | | 0 | 20 | |
| trans-1,3-Dichloropropene | ND | 0.10 | | | | | | 0 | 20 | |
| 1,2,3-Trichlorobenzene | ND | 0.10 | | | | | | 0 | 20 | |
| 1,2,4-Trichlorobenzene | ND | 0.10 | | | | | | 0 | 20 | |
| 1,1,1-Trichloroethane | ND | 0.10 | | | | | | 0 | 20 | |
| 1,1,2-Trichloroethane | ND | 0.10 | | | | | | 0 | 20 | |
| Trichloroethene (TCE) | ND | 0.10 | | | | | | 0 | 20 | |
| Trichlorofluoromethane | ND | 0.10 | | | | | | 0 | 20 | |
| 1,2,3-Trichloropropane | ND | 0.20 | | | | | | 0 | 20 | |

Qualifiers:

Vinyl chloride

Xylenes, Total

Surr: Toluene-d8

Surr: Dibromofluoromethane

Surr: 1,2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- $S\ -\ \%$ Recovery outside of standard limits. If undiluted results may be estimated.

ND

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B Analyte detected in the associated Method Blank

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- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107

Sample Log-In Check List

Released to Imaging: 6/3/2024 11:22:17 AM

| | | | veosue, www.n | шенуноптег | nai.com | | |
|--|--|------------------|---------------|--------------|---------------|----------------------------|-------------------|
| Client Name: H | ILCORP ENERGY | Work | Order Number | : 2401141 | | RcptNo | 1 |
| Received By: | Fracy Casarrubias | 1/4/202 | 4 7:00:00 AM | | | | |
| Completed By: | Fracy Casarrubias | 1/4/202 | 4 8:47:49 AM | | | | |
| Reviewed By: | 74/4/24 | | | | | | |
| Chain of Custo | <u>dy</u> | | | | | | |
| 1. Is Chain of Cust | ody complete? | | | Yes 🗌 | No 🗸 | Not Present | |
| 2. How was the sai | mple delivered? | | | Courier | | | |
| <u>Log In</u> | | | | | | | |
| 3. Was an attempt | made to cool the sam | ples? | | Yes | No 🔽 | NA 🗌 | |
| 4. Were all samples | s received at a temper | ature of >0° C | to 6.0°C | Yes 🗌 | No 🗌 | NA 🗸 | |
| 5. Sample(s) in pro | per container(s)? | | | Yes 🔽 | No 🗌 | | |
| 6. Sufficient sample | volume for indicated | test(s)? | | Yes 🗸 | No 🗌 | | |
| 7. Are samples (exc | cept VOA and ONG) p | roperly preserve | ed? | Yes 🔽 | No 🗌 | | |
| 8. Was preservative | e added to bottles? | | | Yes | No 🗸 | NA 🗌 | |
| 9. Received at least | t 1 vial with headspace | e <1/4" for AQ V | OA? | Yes | No 🗌 | NA 🗹 | , |
| 10. Were any sampl | e containers received | broken? | | Yes 🗌 | No 🗹 | # of preserved | |
| 11. Does paperwork (Note discrepand | match bottle labels? ies on chain of custod | v) | | Yes 🔽 | No 🗌 | bottles checked for pH: | >12 unless noted) |
| | rectly identified on Cha | | | Yes 🗸 | No 🗆 | Adjusted? | |
| 13. Is it clear what ar | nalyses were requeste | d? | | Yes 🗹 | No 🗌 | | |
| _ | times able to be met? omer for authorization. | .) | | Yes 🗹 | No 🗀 | Checked by: | 1/4/2 |
| Special Handlin | g (if applicable) | | | | | | |
| 15. Was client notific | ed of all discrepancies | with this order? | > | Yes 🗌 | No 🗌 | NA 🗹 | |
| Person No | tified: | | Date: | | | | |
| By Whom: | | | Via: | eMail | Phone Fax | ☐ In Person | |
| Regarding | | | | | | | |
| Client Inst | ructions: Maiing addr | ess and phone | number are m | issina on CO | C- TMC 1/4/24 | | |
| 16. Additional rema | rks: | | | | | | |
| 17. Cooler Informa | | T. | | | | | |
| Cooler No | Temp °C Condition | | Seal No | Seal Date | Signed By | | |
| 1 1 | V/A Good | Yes | 1 | | | | |

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| Mitch | 77 | Killowah | | Project Name: | 25 | | | | | * | .halle | www.hallenvironmental.com | nmer | ıtal.cc | E | | | | |
| Mailing Address: | | | | Sta | Standard 14 | | | 4901 Hawkins NE | Haw | kins N | 1 | Albuq | nergi | Je, N | Albuquerque, NM 87109 | 60 | | | |
| | _ | | | Project #: | | = 2 | | Tel. | 505-3 | Tel. 505-345-3975 | | Fay | 505 | Fax 505-345-4107 | 4107 | | | | |
| Phone #: | | | | | | 10 | | | | | A | Analysis Request | s Rec | anest | | | | | 1000 |
| email or Fa | W. MY W. | email or Fax#: mr illousin @ hil Corp. com | Wo | Project Manager: | ger: | | (1 | | | | | [†] O5 | | (ju | | | | | |
| QA/QC Package: | age: | | | 5 +CROC+ | HIGE | FN SOLW W | 208) | | | SM | | S '⊅C | | esq/ | | | | | |
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| Accreditation: | | □ Az Compliance | | : | E. Carroll | | 3MT | | | | | ZON | | | C | | | | |
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| ☐ EDD (Type) | pe) | | | # of Coolers: | 1 | | 38. | | | | _ | | | |) | _ | | | |
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Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/23/2024 9:56:53 AM

JOB DESCRIPTION

Standard #1

JOB NUMBER

885-779-1

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 3/23/2024 9:56:53 AM

Authorized for release by Andy Freeman, Business Unit Manager andy.freeman@et.eurofinsus.com (505)345-3975 5

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Client: Hilcorp Energy

Laboratory Job ID: 885-779-1

Project/Site: Standard #1

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Definitions/Glossary

Client: Hilcorp Energy

Job ID: 885-779-1

Project/Site: Standard #1

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| n | 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

Eurofins Albuquerque

Case Narrative

Client: Hilcorp Energy Job ID: 885-779-1 Project: Standard #1

Job ID: 885-779-1 Eurofins Albuquerque

Job Narrative 885-779-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The sample was received on 3/8/2024 7:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.6°C.

Subcontract Work

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

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 Job ID: 885-779-1

Project/Site: Standard #1

Client Sample ID: Influent 3-7-24

Date Collected: 03/07/24 14:45

Date Received: 03/08/24 07:00 Sample Container: Tedlar Bag 1L Lab Sample ID: 885-779-1

Matrix: Air

Method: SW846 8015D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics) Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac 250 ug/L 03/13/24 13:51 Gasoline Range Organics [C6 -2100 50 C10] Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 99 70 - 130 03/13/24 13:51

| Analyte | Result Qualifier | RL | Unit | D Prepared | Analyzed | Dil Fa |
|-----------------------------|------------------|-----|------|------------|----------------|--------|
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,1,1-Trichloroethane | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,1,2,2-Tetrachloroethane | ND | 10 | ug/L | | 03/13/24 13:51 | 5 |
| 1,1,2-Trichloroethane | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,1-Dichloroethane | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,1-Dichloroethene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,1-Dichloropropene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,2,3-Trichlorobenzene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,2,3-Trichloropropane | ND | 10 | ug/L | | 03/13/24 13:51 | 5 |
| 1,2,4-Trichlorobenzene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,2,4-Trimethylbenzene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | ug/L | | 03/13/24 13:51 | 5 |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,2-Dichlorobenzene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,2-Dichloropropane | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,3,5-Trimethylbenzene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,3-Dichlorobenzene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,3-Dichloropropane | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1,4-Dichlorobenzene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1-Methylnaphthalene | ND | 20 | ug/L | | 03/13/24 13:51 | 5 |
| 2,2-Dichloropropane | ND | 10 | ug/L | | 03/13/24 13:51 | 5 |
| 2-Butanone | ND | 50 | ug/L | | 03/13/24 13:51 | 5 |
| 2-Chlorotoluene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 2-Hexanone | ND | 50 | ug/L | | 03/13/24 13:51 | 5 |
| 2-Methylnaphthalene | ND | 20 | ug/L | | 03/13/24 13:51 | 5 |
| 4-Chlorotoluene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 1-Isopropyltoluene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| 4-Methyl-2-pentanone | ND | 50 | ug/L | | 03/13/24 13:51 | 5 |
| Acetone | ND | 50 | ug/L | | 03/13/24 13:51 | 5 |
| Benzene | 14 | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| Bromobenzene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| Bromodichloromethane | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| Dibromochloromethane | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| Bromoform | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| Bromomethane | ND | 15 | ug/L | | 03/13/24 13:51 | 5 |
| Carbon disulfide | ND | 50 | ug/L | | 03/13/24 13:51 | 5 |
| Carbon tetrachloride | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| Chlorobenzene | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |
| Chloroethane | ND | 10 | ug/L | | 03/13/24 13:51 | 5 |
| Chloroform | ND | 5.0 | ug/L | | 03/13/24 13:51 | 5 |

Eurofins Albuquerque

Job ID: 885-779-1

Client: Hilcorp Energy Project/Site: Standard #1

Client Sample ID: Influent 3-7-24

Date Collected: 03/07/24 14:45

Date Received: 03/08/24 07:00 Sample Container: Tedlar Bag 1L Lab Sample ID: 885-779-1

Matrix: Air

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| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Chloromethane | ND | | 15 | ug/L | | | 03/13/24 13:51 | 50 |
| cis-1,2-Dichloroethene | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| cis-1,3-Dichloropropene | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Dibromomethane | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Dichlorodifluoromethane | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Ethylbenzene | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Hexachlorobutadiene | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Isopropylbenzene | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Methyl-tert-butyl Ether (MTBE) | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Methylene Chloride | ND | | 15 | ug/L | | | 03/13/24 13:51 | 50 |
| n-Butylbenzene | ND | | 15 | ug/L | | | 03/13/24 13:51 | 50 |
| N-Propylbenzene | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Naphthalene | ND | | 10 | ug/L | | | 03/13/24 13:51 | 50 |
| sec-Butylbenzene | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Styrene | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| tert-Butylbenzene | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Tetrachloroethene (PCE) | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Toluene | 28 | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| trans-1,2-Dichloroethene | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| trans-1,3-Dichloropropene | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Trichloroethene (TCE) | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Trichlorofluoromethane | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Vinyl chloride | ND | | 5.0 | ug/L | | | 03/13/24 13:51 | 50 |
| Xylenes, Total | 36 | | 7.5 | ug/L | | | 03/13/24 13:51 | 50 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 95 | | 70 - 130 | | | | 03/13/24 13:51 | 50 |
| Toluene-d8 (Surr) | 104 | | 70 - 130 | | | | 03/13/24 13:51 | 50 |

70 - 130

70 - 130

102

98

03/13/24 13:51

03/13/24 13:51

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

QC Sample Results

Job ID: 885-779-1 Client: Hilcorp Energy

Project/Site: Standard #1

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

Lab Sample ID: MB 885-1932/3

Matrix: Air

Analysis Batch: 1932

MB MB

Result Qualifier RL Unit Analyzed Dil Fac Analyte D **Prepared** 50 03/13/24 12:13 Gasoline Range Organics [C6 - C10] ND ug/L

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 70 - 130 03/13/24 12:13 95

Lab Sample ID: LCS 885-1932/2

Matrix: Air

Analysis Batch: 1932

LCS LCS %Rec Spike Analyte Added Result Qualifier Unit D %Rec Limits 500 505 101

Gasoline Range Organics [C6 -

C10]

LCS LCS

Limits Surrogate %Recovery Qualifier

4-Bromofluorobenzene (Surr) 102 70 - 130

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

Lab Sample ID: MB 885-1708/3

Released to Imaging: 6/3/2024 11:22:17 AM

Matrix: Air

Analysis Batch: 1708

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

ug/L

| | MB | MB | | | | | | |
|-----------------------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,1-Dichloropropene | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,2-Dibromoethane (EDB) | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,2-Dichloroethane (EDC) | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 1-Methylnaphthalene | ND | | 4.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 2,2-Dichloropropane | ND | | 2.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 2-Butanone | ND | | 10 | ug/L | | | 03/13/24 12:13 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | ug/L | | | 03/13/24 12:13 | 1 |
| 2-Hexanone | ND | | 10 | ug/L | | | 03/13/24 12:13 | 1 |

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy Job ID: 885-779-1 Project/Site: Standard #1

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

MB MB

Lab Sample ID: MB 885-1708/3

Matrix: Air

Analysis Batch: 1708

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | Result Qualifier | RL | Unit | D Prepare | d Analyzed | Dil Fac |
|--------------------------------|------------------|-----|------|-----------|----------------|---------|
| 2-Methylnaphthalene | ND | 4.0 | ug/L | | 03/13/24 12:13 | 1 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| 4-Isopropyltoluene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| 4-Methyl-2-pentanone | ND | 10 | ug/L | | 03/13/24 12:13 | 1 |
| Acetone | ND | 10 | ug/L | | 03/13/24 12:13 | 1 |
| Benzene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Bromobenzene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Bromodichloromethane | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Dibromochloromethane | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Bromoform | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Bromomethane | ND | 3.0 | ug/L | | 03/13/24 12:13 | 1 |
| Carbon disulfide | ND | 10 | ug/L | | 03/13/24 12:13 | 1 |
| Carbon tetrachloride | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Chlorobenzene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Chloroethane | ND | 2.0 | ug/L | | 03/13/24 12:13 | 1 |
| Chloroform | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Chloromethane | ND | 3.0 | ug/L | | 03/13/24 12:13 | 1 |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| cis-1,3-Dichloropropene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Dibromomethane | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Ethylbenzene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Hexachlorobutadiene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Isopropylbenzene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Methyl-tert-butyl Ether (MTBE) | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Methylene Chloride | ND | 3.0 | ug/L | | 03/13/24 12:13 | 1 |
| n-Butylbenzene | ND | 3.0 | ug/L | | 03/13/24 12:13 | 1 |
| N-Propylbenzene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Naphthalene | ND | 2.0 | ug/L | | 03/13/24 12:13 | 1 |
| sec-Butylbenzene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Styrene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| tert-Butylbenzene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Tetrachloroethene (PCE) | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Toluene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| trans-1,3-Dichloropropene | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Trichloroethene (TCE) | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Trichlorofluoromethane | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| Vinyl chloride | ND | 1.0 | ug/L | | 03/13/24 12:13 | 1 |
| | ND | 1.5 | ug/L | | 03/13/24 12:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|---|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103 | | 70 - 130 | _ | | 03/13/24 12:13 | 1 |
| Toluene-d8 (Surr) | 95 | | 70 - 130 | | | 03/13/24 12:13 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 | | | 03/13/24 12:13 | 1 |
| Dibromofluoromethane (Surr) | 103 | | 70 - 130 | | | 03/13/24 12:13 | 1 |

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy Job ID: 885-779-1

Project/Site: Standard #1

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

| Lab Samp | le ID: LCS | 885-1708/2 |
|----------|------------|------------|
|----------|------------|------------|

Matrix: Air

Analysis Batch: 1708

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

| | Spike | LCS | LCS | | | | %Rec | |
|-----------------------|-------|--------|-----------|------|---|------|--------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| 1,1-Dichloroethene | 20.1 | 17.7 | | ug/L | | 88 | | |
| Benzene | 20.1 | 19.3 | | ug/L | | 96 | | |
| Chlorobenzene | 20.1 | 20.1 | | ug/L | | 100 | | |
| Toluene | 20.2 | 19.6 | | ug/L | | 97 | | |
| Trichloroethene (TCE) | 20.2 | 18.7 | | ug/L | | 92 | | |
| | | | | | | | | |

| 100 | LCS |
|-----|-----|
| LUS | LUS |

| | 200 | 200 | |
|------------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 70 - 130 |
| Toluene-d8 (Surr) | 99 | | 70 - 130 |
| 4-Bromofluorobenzene (Surr) | 100 | | 70 - 130 |
| Dibromofluoromethane (Surr) | 100 | | 70 - 130 |

QC Association Summary

Client: Hilcorp Energy

Job ID: 885-779-1

Project/Site: Standard #1

GC/MS VOA

Analysis Batch: 1708

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|--------------------|-----------|--------|--------|------------|
| 885-779-1 | Influent 3-7-24 | Total/NA | Air | 8260B | |
| MB 885-1708/3 | Method Blank | Total/NA | Air | 8260B | |
| LCS 885-1708/2 | Lab Control Sample | Total/NA | Air | 8260B | |

Analysis Batch: 1932

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|--------------------|-----------|--------|--------|------------|
| 885-779-1 | Influent 3-7-24 | Total/NA | Air | 8015D | |
| MB 885-1932/3 | Method Blank | Total/NA | Air | 8015D | |
| LCS 885-1932/2 | Lab Control Sample | Total/NA | Air | 8015D | |

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Lab Chronicle

Client: Hilcorp Energy Job ID: 885-779-1

Project/Site: Standard #1

Client Sample ID: Influent 3-7-24 Lab Sample ID: 885-779-1

Date Collected: 03/07/24 14:45 Date Received: 03/08/24 07:00

Matrix: Air

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|----------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number / | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8015D | | 50 | 1932 | СМ | EET ALB | 03/13/24 13:51 |
| Total/NA | Analysis | 8260B | | 50 | 1708 (| СМ | EET ALB | 03/13/24 13:51 |

Laboratory References:

= , 1120 South 27th Street, Billings, MT 59107

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-779-1

Project/Site: Standard #1

Laboratory: Eurofins Albuquerque

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

| uthority | Program | Identification Number | Expiration Date |
|--|--|---------------------------------------|--------------------------------|
| ew Mexico | State | NM9425, NM0901 | 02-26-25 |
| The following analytes at for which the agency doe | re included in this report, but the laboratory is es not offer certification. | not certified by the governing author | ity. This list may include and |
| Analysis Method | Prep Method Matrix | Analyte | |
| 8015D | Air | Gasoline Range Organic | s [C6 - C10] |
| 8260B | Air | 1,1,1,2-Tetrachloroethan | е |
| 8260B | Air | 1,1,1-Trichloroethane | |
| 8260B | Air | 1,1,2,2-Tetrachloroethan | е |
| 8260B | Air | 1,1,2-Trichloroethane | |
| 8260B | Air | 1,1-Dichloroethane | |
| 8260B | Air | 1,1-Dichloroethene | |
| 8260B | Air | 1,1-Dichloropropene | |
| 8260B | Air | 1,2,3-Trichlorobenzene | |
| 8260B | Air | 1,2,3-Trichloropropane | |
| 8260B | Air | 1,2,4-Trichlorobenzene | |
| 8260B | Air | 1,2,4-Trimethylbenzene | |
| 8260B | Air | 1,2-Dibromo-3-Chloropro | ppane |
| 8260B | Air | 1,2-Dibromoethane (EDE | • |
| 8260B | Air | 1,2-Dichlorobenzene | •) |
| 8260B | Air | 1,2-Dichloroethane (EDC | :) |
| 8260B | Air | 1,2-Dichloropropane | ') |
| 8260B | Air | 1,3,5-Trimethylbenzene | |
| 8260B | Air | 1,3-Dichlorobenzene | |
| 8260B | | | |
| 8260B | Air | 1,3-Dichloropropane | |
| | Air | 1,4-Dichlorobenzene | |
| 8260B | Air | 1-Methylnaphthalene | |
| 8260B | Air | 2,2-Dichloropropane | |
| 8260B | Air | 2-Butanone | |
| 8260B | Air | 2-Chlorotoluene | |
| 8260B | Air | 2-Hexanone | |
| 8260B | Air | 2-Methylnaphthalene | |
| 8260B | Air | 4-Chlorotoluene | |
| 8260B | Air | 4-Isopropyltoluene | |
| 8260B | Air | 4-Methyl-2-pentanone | |
| 8260B | Air | Acetone | |
| 8260B | Air | Benzene | |
| 8260B | Air | Bromobenzene | |
| 8260B | Air | Bromodichloromethane | |
| 8260B | Air | Bromoform | |
| 8260B | Air | Bromomethane | |
| 8260B | Air | Carbon disulfide | |
| 8260B | Air | Carbon tetrachloride | |
| 8260B | Air | Chlorobenzene | |
| 8260B | Air | Chloroethane | |
| 8260B | Air | Chloroform | |
| 8260B | Air | Chloromethane | |
| 8260B | Air | cis-1,2-Dichloroethene | |
| 8260B | Air | cis-1,3-Dichloropropene | |
| 8260B | Air | Dibromochloromethane | |

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-779-1

Project/Site: Standard #1

Laboratory: Eurofins Albuquerque (Continued)

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

| ıthority | Program | n | Identification Number Expiration Date |
|------------------------|-------------------------------|---------------------------|---|
| The following analytes | are included in this report, | , but the laboratory is r | not certified by the governing authority. This list may include analyte |
| for which the agency d | loes not offer certification. | | |
| Analysis Method | Prep Method | Matrix | Analyte |
| 8260B | <u> </u> | Air | Dibromomethane |
| 8260B | | Air | Dichlorodifluoromethane |
| 8260B | | Air | Ethylbenzene |
| 8260B | | Air | Hexachlorobutadiene |
| 8260B | | Air | Isopropylbenzene |
| 8260B | | Air | Methylene Chloride |
| 8260B | | Air | Methyl-tert-butyl Ether (MTBE) |
| 8260B | | Air | Naphthalene |
| 8260B | | Air | n-Butylbenzene |
| 8260B | | Air | N-Propylbenzene |
| 8260B | | Air | sec-Butylbenzene |
| 8260B | | Air | Styrene |
| 8260B | | Air | tert-Butylbenzene |
| 8260B | | Air | Tetrachloroethene (PCE) |
| 8260B | | Air | Toluene |
| 8260B | | Air | trans-1,2-Dichloroethene |
| 8260B | | Air | trans-1,3-Dichloropropene |
| 8260B | | Air | Trichloroethene (TCE) |
| 8260B | | Air | Trichlorofluoromethane |
| 8260B | | Air | Vinyl chloride |
| 8260B | | Air | Xylenes, Total |
| egon | NELAP | | NM100001 02-26-25 |

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

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

Eurofins Albuquerque

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Released to Imaging: 6/3/2024 11:22:17 AM Page 14 of 24 3/

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-779-1

Project/Site: Standard #1

Laboratory: Eurofins Albuquerque (Continued)

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

| ority | Program | | Identification Number Expiration Date | | | |
|-----------------|---|-------------------------|---|--|--|--|
| • • | s are included in this repo does not offer certification | • | not certified by the governing authority. This list may include analy | | | |
| Analysis Method | Prep Method | Matrix | Analyte | | | |
| 8260B | | Air | 1-Methylnaphthalene | | | |
| 8260B | | Air | 2,2-Dichloropropane | | | |
| 8260B | | Air | 2-Butanone | | | |
| 8260B | | Air | 2-Chlorotoluene | | | |
| 8260B | | Air | 2-Hexanone | | | |
| 8260B | | Air 2-Methylnaphthalene | | | | |
| 8260B | | Air | 4-Chlorotoluene | | | |
| 8260B | | Air 4-Isopropyltoluene | | | | |
| 8260B | | Air | 4-Methyl-2-pentanone | | | |
| 8260B | | Air | Acetone | | | |
| 8260B | | Air | Benzene | | | |
| 8260B | | Air | Bromobenzene | | | |
| 8260B | | Air | Bromodichloromethane | | | |
| 8260B | | Air | Bromoform | | | |
| 8260B | | Air | Bromomethane | | | |
| 8260B | | Air | Carbon disulfide | | | |
| 8260B | | Air | Carbon tetrachloride | | | |
| 8260B | Air | | Chlorobenzene | | | |
| 8260B | Air | | Chloroethane | | | |
| 8260B | Air | | Chloroform | | | |
| 8260B | Air | | Chloromethane | | | |
| 8260B | Air | | cis-1,2-Dichloroethene | | | |
| 8260B | Air | | cis-1,3-Dichloropropene | | | |
| 8260B | Air | | Dibromochloromethane | | | |
| 8260B | | Air | Dibromomethane | | | |
| 8260B | | Air | Dichlorodifluoromethane | | | |
| 8260B | | Air | Ethylbenzene | | | |
| 8260B | | Air | Hexachlorobutadiene | | | |
| 8260B | | Air | Isopropylbenzene | | | |
| 8260B | | Air | Methylene Chloride | | | |
| 8260B | | Air | Methyl-tert-butyl Ether (MTBE) | | | |
| 8260B | | Air | Naphthalene | | | |
| 8260B | | Air | n-Butylbenzene | | | |
| 8260B | | Air | N-Propylbenzene | | | |
| 8260B | | Air | sec-Butylbenzene | | | |
| 8260B | Air | | Styrene | | | |
| 8260B | | Air | tert-Butylbenzene | | | |
| 8260B | Air | | Tetrachloroethene (PCE) | | | |
| 8260B | Air | | Toluene | | | |
| 8260B | | Air | trans-1,2-Dichloroethene | | | |
| 8260B | | Air | trans-1,3-Dichloropropene | | | |
| 8260B | | Air | Trichloroethene (TCE) | | | |
| 8260B | | Air | Trichlorofluoromethane | | | |
| 8260B | | Air | Vinyl chloride | | | |
| 8260B | | Air | Xylenes, Total | | | |

Eurofins Albuquerque

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Method Summary

Client: Hilcorp Energy Project/Site: Standard #1 Job ID: 885-779-1

| Method | Method Description | Protocol | Laboratory |
|-------------|---|----------|------------|
| 8015D | Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics) | SW846 | EET ALB |
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | EET ALB |
| Subcontract | Fixed Gases | None | |
| 5030C | Collection/Prep Tedlar Bag (P&T) | SW846 | EET ALB |

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Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

= , 1120 South 27th Street, Billings, MT 59107

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

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3/23/2024

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

ANALYTICAL SUMMARY REPORT

March 21, 2024

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

Work Order: B24030780 Quote ID: B15626

Project Name: Standard #1, 88500415

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 3/13/2024 for analysis.

| Lab ID | Client Sample ID | Collect Date F | Receive Date | Matri x | Test |
|---------------|---------------------------------|----------------|--------------|---------|---|
| B24030780-001 | Influent 3-7-24 (885-779- 1) | 03/07/24 14:45 | 03/13/24 | Air | Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60 |

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

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

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

Report Approved By:

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

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental Project: Standard #1, 88500415 Lab ID: B24030780-001

Client Sample ID: Influent 3-7-24 (885-779-1)

Report Date: 03/21/24 Collection Date: 03/07/24 14:45 DateReceived: 03/13/24

Matrix: Air

| | | | | | MCL/ | | |
|---|------------|-------|------------|-------|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| GAS CHROMATOGRAPHY ANALYS | SIS REPORT | | | | | | |
| Oxygen | 21.91 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| litrogen | 77.75 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| Carbon Dioxide | 0.30 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| lydrogen Sulfide | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| /lethane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| thane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| Propane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| sobutane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| -Butane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| sopentane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| -Pentane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| lexanes plus | 0.04 | Mol % | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| ropane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| sobutane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| -Butane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| sopentane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| -Pentane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| lexanes plus | 0.017 | gpm | | 0.001 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| SPM Total | 0.017 | gpm | | 0.001 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| SPM Pentanes plus | 0.017 | gpm | | 0.001 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| CALCULATED PROPERTIES | | | | | | | |
| Gross BTU per cu ft @ Std Cond. (HHV) | 2 | | | 1 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| let BTU per cu ft @ std cond. (LHV) | 2 | | | 1 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| seudo-critical Pressure, psia | 547 | | | 1 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| seudo-critical Temperature, deg R | 240 | | | 1 | | GPA 2261-95 | 03/15/24 09:50 / jrj |
| Specific Gravity @ 60/60F | 1.00 | | | 0.001 | | D3588-81 | 03/15/24 09:50 / jrj |
| ir, % - The analysis was not corrected for air. | 100.12 | | | 0.01 | | GPA 2261-95 | 03/15/24 09:50 / jrj |

COMMENTS

03/15/24 09:50 / jrj

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

RL - Analyte Reporting Limit MCL - Maximum Contaminant Level Report

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



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

QA/QC Summary Report

Prepared by Billings, MT Branch

| Client: | Hall Environmental | Work Order: B24030780 | Report Date: 03/21/24 |
|---------|--------------------|-----------------------|-----------------------|
|---------|--------------------|-----------------------|-----------------------|

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------|-------------------|--------|-------------|--------------|------|------|-----------|-------------|-----|----------|----------|
| Method: | GPA 2261-95 | | | | | | | | | Batch: | R418183 |
| Lab ID: | B24030780-001ADUP | 12 Sar | nple Duplic | ate | | I | Run: GCNG | A-B_240315A | | 03/15/ | 24 10:40 |
| Oxygen | | | 21.8 | Mol % | 0.01 | | | | 0.3 | 20 | |
| Nitrogen | | | 77.8 | Mol % | 0.01 | | | | 0.1 | 20 | |
| Carbon D | ioxide | | 0.30 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Hydrogen | Sulfide | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Methane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Propane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Butane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isopentan | е | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Pentane | e | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Hexanes | plus | | 0.04 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Lab ID: | LCS031524 | 11 Lab | oratory Cor | ntrol Sample | | ı | Run: GCNG | A-B_240315A | | 03/18/ | 24 02:59 |
| Oxygen | | | 0.64 | Mol % | 0.01 | 128 | 70 | 130 | | | |
| Nitrogen | | | 5.90 | Mol % | 0.01 | 98 | 70 | 130 | | | |
| Carbon D | ioxide | | 1.01 | Mol % | 0.01 | 102 | 70 | 130 | | | |
| Methane | | | 75.2 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Ethane | | | 5.84 | Mol % | 0.01 | 97 | 70 | 130 | | | |
| Propane | | | 5.03 | Mol % | 0.01 | 102 | 70 | 130 | | | |
| Isobutane | | | 1.66 | Mol % | 0.01 | 83 | 70 | 130 | | | |
| n-Butane | | | 2.00 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Isopentan | е | | 0.99 | Mol % | 0.01 | 99 | 70 | 130 | | | |
| n-Pentane | e | | 0.98 | Mol % | 0.01 | 98 | 70 | 130 | | | |
| Hexanes | plus | | 0.77 | Mol % | 0.01 | 96 | 70 | 130 | | | |

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Login completed by: Danielle N. Harris

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

Date Received: 3/13/2024

Work Order Receipt Checklist

Hall Environmental B24030780

| Login completed by. Danielle 14. Hams | | Date | 110001VCu. 0/10/2024 |
|---|---------------|------|------------------------|
| Reviewed by: Ileprowse | | Re | ceived by: DNH |
| Reviewed Date: 3/18/2024 | | Car | rier name: FedEx |
| Shipping container/cooler in good condition? | Yes 🗸 | No 🗌 | Not Present |
| Custody seals intact on all shipping container(s)/cooler(s)? | Yes 🔽 | No 🗌 | Not Present |
| Custody seals intact on all sample bottles? | Yes | No 🗌 | Not Present 🗹 |
| Chain of custody present? | Yes 🔽 | No 🗌 | |
| Chain of custody signed when relinquished and received? | Yes 🔽 | No 🗌 | |
| Chain of custody agrees with sample labels? | Yes 🔽 | No 🗌 | |
| Samples in proper container/bottle? | Yes 🔽 | No 🗌 | |
| Sample containers intact? | Yes 🔽 | No 🗌 | |
| Sufficient sample volume for indicated test? | Yes 🔽 | No 🗌 | |
| All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res CI, Sulfite, Ferrous Iron, etc.) | Yes √ | No 🗌 | |
| Temp Blank received in all shipping container(s)/cooler(s)? | Yes | No 🗸 | Not Applicable |
| Container/Temp Blank temperature: | 12.4°C No Ice | | |
| Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4"). | Yes | No 🗌 | No VOA vials submitted |
| Water - pH acceptable upon receipt? | Yes | No 🗌 | Not Applicable |

Standard Reporting Procedures:

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

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

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

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

Contact and Corrective Action Comments:

None

Environment Testing Note: Since laboratory accreditations are subject to change. Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratorys. This sample shade above for analysis/tests/marrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation in the State of Origin listed above for analysis/tests/marrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC. Special Instructions/Note: 0 - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - 47SO4 U - Acetone V - MCAA W - pH 4-5 Y - Trizma Ver: 06/08/202 Months 82403078C Company Company Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon 💸 eurofins A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid Preservation Cod 300 Page: Page 1 of 1 Job #. 885-779-1 Ice DI Water - EDTA - EDA Total Number of containers Method of Shipment: State of Origin: New Mexico **Analysis Requested** Special Instructions/QC Requirements. Accreditations Required (See note):
NELAP - Oregon; State - New Mexico Lab PM: Freeman, Andy E-Mail: andy freeman@et. eurofinsus.com Received by: Received by: Chain of Custody Record SUB (Fixed Gases)/ Fixed Gases Perform MS/MSD (Yes or No) Time: Matrix Preservation Code ompany Air Type (C=comp, Sample G=grab) Primary Deliverable Rank: 2 Sample Mountain Date/Time: 3-12-24 (AT Requested (days): Due Date Requested: 3/15/2024 Sample Date 3/7/24 Project #: 88500415 SSOW#: Date/Time: Date/Time: Phone WO# Deliverable Requested: I, II, III, IV, Other (specify) Client Information (Sub Contract Lab) Custody Seal No.: Sample Identification - Client ID (Lab ID) Phone: 505-345-3975 Fax: 505-345-4107 **Eurofins Albuquerque** Possible Hazard Identification Empty Kit Relinquished by: Influent 3-7-24 (885-779-1) Albuquerque, NM 87109 Custody Seals Intact:

△ Yes △ No Energy Laboratories, Inc. 1120 South 27th Street, Shipping/Receiving 4901 Hawkins NE elinquished by: telinquished by: Unconfirmed Standard #1 State, Zip: MT, 59107 Billings

> Page 5 of 6 3/23/2024

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Preservative None

Container Type Tedlar Bag 1L

ICOC No: 885-118 Containers Count

| Received by OCD: 4/24/2024 | 3:25:30 PM | | Page 114 of 314 |
|--|--|------------------------|--|
| HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request | TPH:8016日(GR) DRO / MRO) B081 Pesticides/8082 PCB's EDB (Method 504.1) PAHs by 8310 or 8270SIMS CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ B260 (VOA) ドルル レルントントントントントントントントントントントントントントントントントントント | | Date Time Remarks: dbucns 37/34 1546 2.c.; Swyde Cemsolum. com Signature of this possibility Any sub-contracted data will be clearly notated on the analytical report. |
| Turn-Around Time: 文 Standard □ Rush Project Name: Standard Ħ | Project Manager: St wart Hyde Sampler: Danwy Burns On Ice: Dyes D No Walt Cooler Temp(Instuding CF): L. B. O. 25.1.6 (C) Container Preservative HEAL No. Type and # Type | | |
| Chain-of-Custody Record Client: אין רפינף A איי: איליא איל אילא איין איין איל איליא איין איין | email or Fax#: QA/QC Package: Standard | 15 Air Influent 3-7-24 | Date Time Relinquished by Via. 3.74 15:40 Received by Via. Date Time. Relinquished by Received by Via. Received by Via. |

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-779-1

List Source: Eurofins Albuquerque Login Number: 779

List Number: 1

Creator: Casarrubias, Tracy

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

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/10/2024 5:50:14 PM

JOB DESCRIPTION

Standard 1

JOB NUMBER

885-1704-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

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

Authorization

Generated 4/10/2024 5:50:14 PM

Authorized for release by Andy Freeman, Business Unit Manager andy.freeman@et.eurofinsus.com (505)345-3975

Client: Hilcorp Energy

Laboratory Job ID: 885-1704-1

Project/Site: Standard 1

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Definitions/Glossary

Client: Hilcorp Energy Job ID: 885-1704-1
Project/Site: Standard 1

Glossary

EDL

| 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) |

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)

Estimated Detection Limit (Dioxin)

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 Job ID: 885-1704-1 Project: Standard 1

Job ID: 885-1704-1 **Eurofins Albuquerque**

Job Narrative 885-1704-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The sample was received on 3/23/2024 6:45 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 20.0°C.

Subcontract Work

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

GC/MS VOA

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

Job ID: 885-1704-1

Client: Hilcorp Energy Project/Site: Standard 1

Client Sample ID: Influent 3-21 Lab Sample ID: 885-1704-1

Date Collected: 03/21/24 11:40 Matrix: Air

Date Received: 03/23/24 06:45 Sample Container: Tedlar Bag 1L

Released to Imaging: 6/3/2024 11:22:17 AM

| Method: SW846 8015D - | Nonhalogenated Organics us | ing GC/MS - | -Modified (Gasoline | Range | Organics) |) |
|-----------------------|----------------------------|-------------|---------------------|-------|-----------|---|
| | | | | _ | _ | |

| Analyte | Result Qua | alifier RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|------------|------|---|----------|----------------|---------|
| Gasoline Range Organics [C6 - | 2900 | 50 | ug/L | | | 03/28/24 12:59 | 10 |
| 0407 | | | | | | | |

C10]

| Surrogate | %Recovery Qualifier | Limits | Prepared Analyze | ed Dil Fac |
|-----------------------------|---------------------|--------|------------------|------------|
| 4-Bromofluorohenzene (Surr) | 104 | 70 130 | 03/28/24 1 | 2.59 10 |

| Analyte | Result Qualifier | RL | Unit | D Prepared | Analyzed | Dil Fa |
|-----------------------------|------------------|-----|------|------------|----------------|--------|
| 1,1,1,2-Tetrachloroethane | ND ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,2,3-Trichloropropane | ND | 2.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,2,4-Trimethylbenzene | 1.4 | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | 2.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,3,5-Trimethylbenzene | 1.9 | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 1-Methylnaphthalene | ND | 4.0 | ug/L | | 03/28/24 12:59 | 1 |
| 2,2-Dichloropropane | ND | 2.0 | ug/L | | 03/28/24 12:59 | 1 |
| 2-Butanone | ND | 10 | ug/L | | 03/28/24 12:59 | 1 |
| 2-Chlorotoluene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 2-Hexanone | ND | 10 | ug/L | | 03/28/24 12:59 | 1 |
| 2-Methylnaphthalene | ND | 4.0 | ug/L | | 03/28/24 12:59 | 1 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 4-Isopropyltoluene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| 4-Methyl-2-pentanone | ND | 10 | ug/L | | 03/28/24 12:59 | 1 |
| Acetone | ND | 10 | ug/L | | 03/28/24 12:59 | 1 |
| Benzene | 15 | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| Bromobenzene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| Bromodichloromethane | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| Dibromochloromethane | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| Bromoform | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| Bromomethane | ND | 3.0 | ug/L | | 03/28/24 12:59 | 1 |
| Carbon disulfide | ND | 10 | ug/L | | 03/28/24 12:59 | |
| Carbon tetrachloride | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| Chlorobenzene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |
| Chloroethane | ND | 2.0 | ug/L | | 03/28/24 12:59 | |
| Chloroform | ND | 1.0 | ug/L | | 03/28/24 12:59 | 1 |

Job ID: 885-1704-1

Client: Hilcorp Energy Project/Site: Standard 1

Client Sample ID: Influent 3-21

Date Collected: 03/21/24 11:40

Date Received: 03/23/24 06:45 Sample Container: Tedlar Bag 1L Lab Sample ID: 885-1704-1

Matrix: Air

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| Analyte | Result Quali | ifier RL | Unit | D Prepared | Analyzed | Dil Fac |
|--------------------------------|----------------|--------------|------|------------|----------------|---------|
| Chloromethane | ND ND | 3.0 | ug/L | | 03/28/24 12:59 | 10 |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| cis-1,3-Dichloropropene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Dibromomethane | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Ethylbenzene | 1.1 | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Hexachlorobutadiene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Isopropylbenzene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Methyl-tert-butyl Ether (MTBE) | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Methylene Chloride | ND | 3.0 | ug/L | | 03/28/24 12:59 | 10 |
| n-Butylbenzene | ND | 3.0 | ug/L | | 03/28/24 12:59 | 10 |
| N-Propylbenzene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Naphthalene | ND | 2.0 | ug/L | | 03/28/24 12:59 | 10 |
| sec-Butylbenzene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Styrene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| tert-Butylbenzene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Tetrachloroethene (PCE) | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Toluene | 27 | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| trans-1,3-Dichloropropene | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Trichloroethene (TCE) | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Trichlorofluoromethane | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Vinyl chloride | ND | 1.0 | ug/L | | 03/28/24 12:59 | 10 |
| Xylenes, Total | 34 | 1.5 | ug/L | | 03/28/24 12:59 | 10 |
| Surrogate | %Recovery Qual | ifier Limits | | Prepared | Analyzed | Dil Fac |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 88 | | 70 - 130 | | 03/28/24 12:59 | 10 |
| Toluene-d8 (Surr) | 117 | | 70 - 130 | | 03/28/24 12:59 | 10 |
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 | | 03/28/24 12:59 | 10 |
| Dibromofluoromethane (Surr) | 97 | | 70 - 130 | | 03/28/24 12:59 | 10 |

QC Sample Results

Client: Hilcorp Energy Job ID: 885-1704-1

Project/Site: Standard 1

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

Lab Sample ID: MB 885-2497/3

Matrix: Air

Analysis Batch: 2497

Client Sample ID: Method Blank

Prep Type: Total/NA

MB MB Analyzed Result Qualifier RL Unit Dil Fac Analyte D Prepared Gasoline Range Organics [C6 - C10] ND 50 ug/L 03/28/24 11:45

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 96 62 - 130 03/28/24 11:45

Lab Sample ID: LCS 885-2497/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Air

Analysis Batch: 2497

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits 500 510 ug/L 102

Gasoline Range Organics [C6 -C10]

LCS LCS

Limits Surrogate %Recovery Qualifier 4-Bromofluorobenzene (Surr) 103 70 - 130

Lab Sample ID: 885-1704-1 DU Client Sample ID: Influent 3-21 Prep Type: Total/NA

Matrix: Air

Analysis Batch: 2497

DU DU **RPD** Sample Sample Analyte Result Qualifier Result Qualifier Unit D **RPD** Limit 2830 Gasoline Range Organics [C6 -2900 20 ug/L

C10]

DU DU

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 104 70 - 130

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

ND

ND

Lab Sample ID: MB 885-2498/3

Matrix: Air

Analysis Batch: 2498

1,2-Dibromoethane (EDB)

1,2-Dichlorobenzene

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

MR MR Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac 0.10 1,1,1,2-Tetrachloroethane 03/28/24 11:45 ND ug/L 1,1,1-Trichloroethane ND 0.10 ug/L 03/28/24 11:45 1,1,2,2-Tetrachloroethane 03/28/24 11:45 ND 0.20 ug/L 1.1.2-Trichloroethane ND 0.10 ug/L 03/28/24 11:45 ND 03/28/24 11:45 1.1-Dichloroethane 0.10 ug/L 1,1-Dichloroethene ND 0.10 ug/L 03/28/24 11:45 ND 0.10 03/28/24 11:45 1,1-Dichloropropene ug/L 1,2,3-Trichlorobenzene ND 0.10 ug/L 03/28/24 11:45 1,2,3-Trichloropropane ND 0.20 ug/L 03/28/24 11:45 ND 03/28/24 11:45 1,2,4-Trichlorobenzene 0.10 ug/L 1.2.4-Trimethylbenzene ND 0.10 ug/L 03/28/24 11:45 1,2-Dibromo-3-Chloropropane ND 0.20 ug/L 03/28/24 11:45

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03/28/24 11:45

03/28/24 11:45

0.10

0.10

ug/L

ug/L

QC Sample Results

Client: Hilcorp Energy Job ID: 885-1704-1

Project/Site: Standard 1

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

Lab Sample ID: MB 885-2498/3

Matrix: Air

Analysis Batch: 2498

Client Sample ID: Method Blank

Prep Type: Total/NA

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|-------------|----|--------|----------|----------|----------|---------|---|
| в мв | | | | | | | |
| t Ouglition | DI | l lmi4 | D | Droporod | Analyzad | Dil Eco | |

| Analyto | | MB Qualifier | RL | Unit | D | Dronarod | Analyzod | Dil Fac |
|----------------------------------|----------|-----------------|--------|------|--------------|----------|-------------------------|---------------------------------------|
| Analyte 1,2-Dichloroethane (EDC) | ND | <u>uaiiier</u> | 0.10 — | ug/L | U | Prepared | Analyzed 03/28/24 11:45 | DII Fac |
| 1,2-Dichloropropane | ND | | 0.10 | | | | 03/28/24 11:45 | |
| 1,3,5-Trimethylbenzene | ND ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| • | ND ND | | 0.10 | ug/L | | | 03/28/24 11:45 | |
| 1,3-Dichlorobenzene | | | | ug/L | | | | 1 |
| 1,3-Dichloropropane | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| 1-Methylnaphthalene | ND | | 0.40 | ug/L | | | 03/28/24 11:45 | 1 |
| 2,2-Dichloropropane | ND | | 0.20 | ug/L | | | 03/28/24 11:45 | 1 |
| 2-Butanone | ND | | 1.0 | ug/L | | | 03/28/24 11:45 | 1 |
| 2-Chlorotoluene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| 2-Hexanone | ND | | 1.0 | ug/L | | | 03/28/24 11:45 | 1 |
| 2-Methylnaphthalene | ND | | 0.40 | ug/L | | | 03/28/24 11:45 | 1 |
| 4-Chlorotoluene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| 4-Isopropyltoluene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| 4-Methyl-2-pentanone | ND | | 1.0 | ug/L | | | 03/28/24 11:45 | 1 |
| Acetone | ND | | 1.0 | ug/L | | | 03/28/24 11:45 | 1 |
| Benzene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Bromobenzene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Bromodichloromethane | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Dibromochloromethane | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Bromoform | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Bromomethane | ND | | 0.30 | ug/L | | | 03/28/24 11:45 | 1 |
| Carbon disulfide | ND | | 1.0 | ug/L | | | 03/28/24 11:45 | 1 |
| Carbon tetrachloride | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Chlorobenzene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Chloroethane | ND | | 0.20 | ug/L | | | 03/28/24 11:45 | 1 |
| Chloroform | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Chloromethane | ND | | 0.30 | ug/L | | | 03/28/24 11:45 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Dibromomethane | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Dichlorodifluoromethane | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Ethylbenzene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Hexachlorobutadiene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Isopropylbenzene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Methyl-tert-butyl Ether (MTBE) | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Methylene Chloride | ND | | 0.30 | ug/L | | | 03/28/24 11:45 | 1 |
| n-Butylbenzene | ND | | 0.30 | ug/L | | | 03/28/24 11:45 | 1 |
| N-Propylbenzene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Naphthalene | ND | | 0.20 | ug/L | | | 03/28/24 11:45 | 1 |
| sec-Butylbenzene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Styrene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| tert-Butylbenzene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Tetrachloroethene (PCE) | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Toluene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| trans-1,3-Dichloropropene | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | · · · · · · · · · · · · · · · · · · · |
| Trichloroethene (TCE) | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Trichlorofluoromethane | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |

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Client: Hilcorp Energy Job ID: 885-1704-1

Project/Site: Standard 1

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

Lab Sample ID: MB 885-2498/3 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Air

Analysis Batch: 2498

| | MB | MB | | | | | | |
|----------------|--------|-----------|------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Vinyl chloride | ND | | 0.10 | ug/L | | | 03/28/24 11:45 | 1 |
| Xylenes Total | ND | | 0.15 | ua/l | | | 03/28/24 11:45 | 1 |

| | MB MB | | | |
|------------------------------|---------------------|----------|----------------|-------------|
| Surrogate | %Recovery Qualifier | Limits | Prepared Analy | zed Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 106 | 70 - 130 | 03/28/24 | 11:45 |
| Toluene-d8 (Surr) | 98 | 70 - 130 | 03/28/24 | 1 11:45 1 |
| 4-Bromofluorobenzene (Surr) | 102 | 70 - 130 | 03/28/24 | 1 11:45 1 |
| Dibromofluoromethane (Surr) | 102 | 70 - 130 | 03/28/24 | 11:45 1 |

Lab Sample ID: LCS 885-2498/2

Matrix: Air

Analysis Batch: 2498

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

%Rec D %Rec Limits Unit ug/L 98 ug/L 101 ug/L 102

Result Qualifier Analyte Added 1,1-Dichloroethene 20.1 19.8 Benzene 20.1 20.2 Chlorobenzene 20.1 20.4 Toluene 20.2 20.2 100 ug/L Trichloroethene (TCE) 20.2 19.6 ug/L 97 LCS LCS

LCS LCS

Spike

%Recovery Qualifier Limits Surrogate 1,2-Dichloroethane-d4 (Surr) 70 - 130 108 Toluene-d8 (Surr) 99 70 - 130 4-Bromofluorobenzene (Surr) 103 70 - 130 70 - 130 Dibromofluoromethane (Surr) 102

Lab Sample ID: 885-1704-1 DU

Matrix: Air

Analysis Batch: 2498

| Client Sample ID: Influent 3-21 |
|---------------------------------|
| Prep Type: Total/NA |

| | Sample | Sample | DU | DU | | | | RPD |
|-----------------------------|--------|-----------|--------|-----------|------|---|-------|-------|
| Analyte | Result | Qualifier | Result | Qualifier | Unit | D | RPD | Limit |
| 1,1,1,2-Tetrachloroethane | ND | | ND | | ug/L | | NC NC | 20 |
| 1,1,1-Trichloroethane | ND | | ND | | ug/L | | NC | 20 |
| 1,1,2,2-Tetrachloroethane | ND | | ND | | ug/L | | NC | 20 |
| 1,1,2-Trichloroethane | ND | | ND | | ug/L | | NC | 20 |
| 1,1-Dichloroethane | ND | | ND | | ug/L | | NC | 20 |
| 1,1-Dichloroethene | ND | | ND | | ug/L | | NC | 20 |
| 1,1-Dichloropropene | ND | | ND | | ug/L | | NC | 20 |
| 1,2,3-Trichlorobenzene | ND | | ND | | ug/L | | NC | 20 |
| 1,2,3-Trichloropropane | ND | | ND | | ug/L | | NC | 20 |
| 1,2,4-Trichlorobenzene | ND | | ND | | ug/L | | NC | 20 |
| 1,2,4-Trimethylbenzene | 1.4 | | 1.35 | | ug/L | | 4 | 20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ND | | ug/L | | NC | 20 |
| 1,2-Dibromoethane (EDB) | ND | | ND | | ug/L | | NC | 20 |
| 1,2-Dichlorobenzene | ND | | ND | | ug/L | | NC | 20 |
| 1,2-Dichloroethane (EDC) | ND | | ND | | ug/L | | NC | 20 |
| 1,2-Dichloropropane | ND | | ND | | ug/L | | NC | 20 |
| 1,3,5-Trimethylbenzene | 1.9 | | 1.86 | | ug/L | | 3 | 20 |

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Released to Imaging: 6/3/2024 11:22:17 AM

QC Sample Results

Client: Hilcorp Energy Job ID: 885-1704-1

Project/Site: Standard 1

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

Lab Sample ID: 885-1704-1 DU

Matrix: Air

Analysis Batch: 2498

Client Sample ID: Influent 3-21 **Prep Type: Total/NA**

| | Sample | Sample | DU | DU | | | | RPD |
|---------------------|--------|-----------|--------|-----------|------|---|--------|-------|
| Analyte | Result | Qualifier | Result | Qualifier | Unit | D | RPD | Limit |
| 1,3-Dichlorobenzene | ND | | ND | | ug/L | | NC | 20 |
| 1,3-Dichloropropane | ND | | ND | | ug/L | | NC | 20 |
| 1,4-Dichlorobenzene | ND | | ND | | ug/L | | NC | 20 |
| 1-Methylnaphthalene | ND | | ND | | ug/L | | NC | 20 |

1-Methylnaphthalene ND ND ug/L ug/L ND ND NC 2,2-Dichloropropane 2-Butanone ND ND ug/L NC ug/L 2-Chlorotoluene ND ND NC ND ND ug/L 2-Hexanone NC

ND ND 2-Methylnaphthalene ug/L NC 20 4-Chlorotoluene ND ND ug/L NC 20 ND ND ug/L NC 20 4-Isopropyltoluene ND ND NC 20 4-Methyl-2-pentanone ug/L Acetone ND ND ug/L NC 20 Benzene ug/L 6 20 15 15.9

Bromobenzene ND ND ug/L NC Bromodichloromethane ND ND ug/L NC Dibromochloromethane ND ND ug/L NC Bromoform ND ND ug/L NC ND NC Bromomethane ND ug/L Carbon disulfide ND ND ug/L NC Carbon tetrachloride ND ND ug/L NC Chlorobenzene ND ND ug/L NC

NC Chloroethane ND ND ug/L 20 Chloroform ND ND ug/L NC 20 ND ND ug/L NC 20 Chloromethane cis-1,2-Dichloroethene ND ND ug/L NC 20 ND cis-1,3-Dichloropropene ND NC 20 ug/L Dibromomethane ND ND ug/L NC 20 ug/L Dichlorodifluoromethane ND ND NC 20 Ethylbenzene 1.1 1.10 ug/L 0.9 20 Hexachlorobutadiene ND ND ug/L NC ND NC Isopropylbenzene ND ug/L Methyl-tert-butyl Ether (MTBE) ND ND ug/L NC

20 20 20 Methylene Chloride ND ND ug/L NC 20 ND n-Butylbenzene ND ug/L NC 20 N-Propylbenzene ND ND ug/L NC 20 Naphthalene ND ND ug/L NC 20 sec-Butylbenzene ND ND ug/L NC 20 Styrene ND ND ug/L NC 20 ND NC tert-Butylbenzene ND ug/L 20 Tetrachloroethene (PCE) ND ND ug/L NC 20 Toluene 27 28.4 20 4

ug/L trans-1,2-Dichloroethene ND ND ug/L NC 20 trans-1,3-Dichloropropene ND ND 20 ug/L NC. ND ND Trichloroethene (TCE) ug/L NC 20 Trichlorofluoromethane ND ND ug/L NC 20 Vinyl chloride ND ug/L ND NC 20 ug/L Xylenes, Total 34 33.8 8.0 20

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QC Sample Results

Client: Hilcorp Energy Job ID: 885-1704-1 Project/Site: Standard 1

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

Lab Sample ID: 885-1704-1 DU **Matrix: Air**

Analysis Batch: 2498

| | DU DU | | | | | |
|------------------------------|-----------|-----------|----------|--|--|--|
| Surrogate | %Recovery | Qualifier | Limits | | | |
| 1,2-Dichloroethane-d4 (Surr) | 93 | | 70 - 130 | | | |
| Toluene-d8 (Surr) | 118 | | 70 - 130 | | | |
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 | | | |
| Dibromofluoromethane (Surr) | 95 | | 70 - 130 | | | |

Client Sample ID: Influent 3-21 Prep Type: Total/NA

QC Association Summary

Client: Hilcorp Energy

Job ID: 885-1704-1

Project/Site: Standard 1

GC/MS VOA

Analysis Batch: 2497

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|--------------------|-----------|--------|--------|------------|
| 885-1704-1 | Influent 3-21 | Total/NA | Air | 8015D | |
| MB 885-2497/3 | Method Blank | Total/NA | Air | 8015D | |
| LCS 885-2497/2 | Lab Control Sample | Total/NA | Air | 8015D | |
| 885-1704-1 DU | Influent 3-21 | Total/NA | Air | 8015D | |

Analysis Batch: 2498

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method Prep Batch |
|----------------|--------------------|-----------|--------|-------------------|
| 885-1704-1 | Influent 3-21 | Total/NA | Air | 8260B |
| MB 885-2498/3 | Method Blank | Total/NA | Air | 8260B |
| LCS 885-2498/2 | Lab Control Sample | Total/NA | Air | 8260B |
| 885-1704-1 DU | Influent 3-21 | Total/NA | Air | 8260B |

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Lab Chronicle

Client: Hilcorp Energy Job ID: 885-1704-1

Project/Site: Standard 1

Client Sample ID: Influent 3-21 Lab Sample ID: 885-1704-1

Date Collected: 03/21/24 11:40 Matrix: Air Date Received: 03/23/24 06:45

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8015D | | 10 | 2497 | СМ | EET ALB | 03/28/24 12:59 |
| Total/NA | Analysis | 8260B | | 10 | 2498 | CM | EET ALB | 03/28/24 12:59 |

Laboratory References:

= , 1120 South 27th Street, Billings, MT 59107

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

Eurofins Albuquerque

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Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-1704-1

Project/Site: Standard 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 | 02-26-25 |
| The following analytes are | e included in this report, but the laborato | ry is not certified by the governing authori | ty. This list may include anal |

alytes

| Analysis Method | Prep Method | Matrix | Analyte |
|-----------------|-------------|--------|------------------------------------|
| 8015D | | Air | Gasoline Range Organics [C6 - C10] |
| 3260B | | Air | 1,1,1,2-Tetrachloroethane |
| 8260B | | Air | 1,1,1-Trichloroethane |
| 8260B | | Air | 1,1,2,2-Tetrachloroethane |
| 8260B | | Air | 1,1,2-Trichloroethane |
| 8260B | | Air | 1,1-Dichloroethane |
| 8260B | | Air | 1,1-Dichloroethene |
| 8260B | | Air | 1,1-Dichloropropene |
| 8260B | | Air | 1,2,3-Trichlorobenzene |
| 8260B | | Air | 1,2,3-Trichloropropane |
| 8260B | | Air | 1,2,4-Trichlorobenzene |
| 8260B | | Air | 1,2,4-Trimethylbenzene |
| 8260B | | Air | 1,2-Dibromo-3-Chloropropane |
| 8260B | | Air | 1,2-Dibromoethane (EDB) |
| 8260B | | Air | 1,2-Dichlorobenzene |
| 8260B | | Air | 1,2-Dichloroethane (EDC) |
| 8260B | | Air | 1,2-Dichloropropane |
| 8260B | | Air | 1,3,5-Trimethylbenzene |
| 8260B | | Air | 1,3-Dichlorobenzene |
| 8260B | | Air | 1,3-Dichloropropane |
| 8260B | | Air | 1,4-Dichlorobenzene |
| 8260B | | Air | 1-Methylnaphthalene |
| 8260B | | Air | 2,2-Dichloropropane |
| 8260B | | Air | 2-Butanone |
| 8260B | | Air | 2-Chlorotoluene |
| 8260B | | Air | 2-Hexanone |
| 8260B | | Air | 2-Methylnaphthalene |
| 8260B | | Air | 4-Chlorotoluene |
| 8260B | | Air | 4-Isopropyltoluene |
| 3260B | | Air | 4-Methyl-2-pentanone |
| 8260B | | Air | Acetone |
| 8260B | | Air | Benzene |
| 8260B | | Air | Bromobenzene |
| 8260B | | Air | Bromodichloromethane |
| 8260B | | Air | Bromoform |
| 8260B | | Air | Bromomethane |
| 8260B | | Air | Carbon disulfide |
| 8260B | | Air | Carbon tetrachloride |
| 3260B | | Air | Chlorobenzene |
| 8260B | | Air | Chloroethane |
| 8260B | | Air | Chloroform |
| 8260B | | Air | Chloromethane |
| 8260B | | Air | cis-1,2-Dichloroethene |
| 8260B | | Air | cis-1,3-Dichloropropene |
| JZUUD | | All | Gis-1,3-Dichioloproperie |

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-1704-1

Project/Site: Standard 1

Laboratory: Eurofins Albuquerque (Continued)

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

| Authority | Progra | ım | Identification Number | Expiration Date | | | | | |
|-----------------|-------------------------------|---------------------------------------|-------------------------------------|--|--|--|--|--|--|
| • • | · | · · · · · · · · · · · · · · · · · · · | not certified by the governing auth | certified by the governing authority. This list may include analyt | | | | | |
| , | does not offer certification. | | | | | | | | |
| Analysis Method | Prep Method | Matrix | Analyte | | | | | | |
| 8260B | | Air Dibromomethane | | | | | | | |
| 8260B | | Air | Dichlorodifluorometha | ine | | | | | |
| 8260B | | Air | Ethylbenzene | | | | | | |
| 8260B | | Air | Hexachlorobutadiene | | | | | | |
| 8260B | | Air | Isopropylbenzene | | | | | | |
| 8260B | | Air | Methylene Chloride | | | | | | |
| 8260B | | Air Methyl-tert-butyl Ether (MTBE) | | | | | | | |
| 8260B | | Air | Naphthalene | | | | | | |
| 8260B | | Air | n-Butylbenzene | | | | | | |
| 8260B | | Air | N-Propylbenzene | | | | | | |
| 8260B | | Air | sec-Butylbenzene | | | | | | |
| 8260B | | Air | Styrene | | | | | | |
| 8260B | | Air | tert-Butylbenzene | | | | | | |
| 8260B | | Air | Tetrachloroethene (PC | CE) | | | | | |
| 8260B | | Air | Toluene | | | | | | |
| 8260B | | Air | trans-1,2-Dichloroethe | ene | | | | | |
| 8260B | | Air | trans-1,3-Dichloroprop | pene | | | | | |
| 8260B | | Air | Trichloroethene (TCE) | | | | | | |
| 8260B | | Air | Trichlorofluoromethan | , | | | | | |
| 8260B | | Air | Vinyl chloride | - | | | | | |
| 8260B | | Air | Xylenes, Total | • | | | | | |
| 02000 | | All | Aylettes, Total | | | | | | |
| Oregon | NELAF |) | NM100001 | 02-26-25 | | | | | |

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

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

Eurofins Albuquerque

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Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-1704-1

Client: Hilcorp Energy
Project/Site: Standard 1

Laboratory: Eurofins Albuquerque (Continued)

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

| ority | Progra | am | Identification Number Expiration Date |
|------------------------|------------------------------|-----------------------------|--|
| The following analyte: | s are included in this repo | rt. but the laboratory is i | not certified by the governing authority. This list may include anal |
| | does not offer certification | • | , 3 3 , , , |
| Analysis Method | Prep Method | Matrix | Analyte |
| 8260B | | Air | 1-Methylnaphthalene |
| 8260B | | Air | 2,2-Dichloropropane |
| 8260B | | Air | 2-Butanone |
| 8260B | | Air | 2-Chlorotoluene |
| 8260B | | Air | 2-Hexanone |
| 8260B | | Air | 2-Methylnaphthalene |
| 8260B | | Air | 4-Chlorotoluene |
| 8260B | | Air | 4-Isopropyltoluene |
| 8260B | | Air | 4-Methyl-2-pentanone |
| 8260B | | Air | Acetone |
| 8260B | | Air | Benzene |
| 8260B | | Air | Bromobenzene |
| 8260B | | Air | Bromodichloromethane |
| 8260B | | Air | Bromoform |
| 8260B | | Air | Bromomethane |
| 8260B | | Air | Carbon disulfide |
| 8260B | | Air | Carbon tetrachloride |
| 8260B | | Air | Chlorobenzene |
| 8260B | | Air | Chloroethane |
| 8260B | | Air | Chloroform |
| 8260B | | Air | Chloromethane |
| 8260B | | Air | cis-1,2-Dichloroethene |
| 8260B | | Air | cis-1,3-Dichloropropene |
| 8260B | | Air | Dibromochloromethane |
| 8260B | | Air | Dibromomethane |
| 8260B | | Air | Dichlorodifluoromethane |
| 8260B | | Air | Ethylbenzene |
| 8260B | | Air | Hexachlorobutadiene |
| 8260B | | Air | Isopropylbenzene |
| 8260B | | Air | Methylene Chloride |
| 8260B | | Air | Methyl-tert-butyl Ether (MTBE) |
| 8260B | | Air | Naphthalene |
| 8260B | | Air | n-Butylbenzene |
| 8260B | | Air | N-Propylbenzene |
| 8260B | | Air | sec-Butylbenzene |
| 8260B | | Air | Styrene |
| 8260B | | Air | tert-Butylbenzene |
| 8260B | | Air | Tetrachloroethene (PCE) |
| 8260B | | Air | Toluene |
| 8260B | | Air | trans-1,2-Dichloroethene |
| 8260B | | Air | trans-1,3-Dichloropropene |
| 8260B | | Air | Trichloroethene (TCE) |
| 8260B | | Air | Trichlorofluoromethane |
| 8260B | | Air | Vinyl chloride |
| 8260B | | Air | Xylenes, Total |

Eurofins Albuquerque

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

ANALYTICAL SUMMARY REPORT

April 09, 2024

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

Quote ID: B15626 Work Order: B24031582

Project Name: Standard 1, 88500531

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 3/26/2024 for analysis.

| | - | = : | | |
|---------------|--------------------------------|---------------------------|---------|---|
| Lab ID | Client Sample ID | Collect Date Receive Date | Matri x | Test |
| B24031582-001 | Influent 3-21 (885-1704- 1) | 03/21/24 11:40 03/26/24 | Air | Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60 |

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

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

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

Report Approved By:

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

Report Date: 04/09/24

Matrix: Air

Collection Date: 03/21/24 11:40 DateReceived: 03/26/24

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Hall Environmental Client: Project: Standard 1, 88500531 B24031582-001 Lab ID:

Client Sample ID: Influent 3-21 (885-1704-1)

MCL/ RLQCL Result Units Qualifiers Method Analysis Date / By Analyses GAS CHROMATOGRAPHY ANALYSIS REPORT Oxygen 21.57 Mol % 0.01GPA 2261-95 03/28/24 10:13 / jrj Nitrogen 78.10 Mol % 0.01 GPA 2261-95 03/28/24 10:13 / jrj Carbon Dioxide 0.29 Mol % 0.01 GPA 2261-95 03/28/24 10:13 / jrj Hydrogen Sulfide < 0.01 Mol % 0.01 GPA 2261-95 03/28/24 10:13 / jrj Methane GPA 2261-95 03/28/24 10:13 / jrj <0.01 Mol % 0.01 Ethane <0.01 Mol % 0.01 GPA 2261-95 03/28/24 10:13 / jrj Propane <0.01 Mol % 0.01GPA 2261-95 03/28/24 10:13 / jrj Isobutane < 0.01 Mol % 0.01 GPA 2261-95 03/28/24 10:13 / jrj n-Butane <0.01 Mol % 0.01 GPA 2261-95 03/28/24 10:13 / jrj Isopentane <0.01 Mol % 0.01 GPA 2261-95 03/28/24 10:13 / jrj <0.01 Mol % n-Pentane 0.01GPA 2261-95 03/28/24 10:13 / jrj Hexanes plus 0.04 Mol % 0.01 GPA 2261-95 03/28/24 10:13 / jrj Propane < 0.001 gpm 0.001 GPA 2261-95 03/28/24 10:13 / jrj Isobutane < 0.001 gpm 0.001 GPA 2261-95 03/28/24 10:13 / jrj n-Butane < 0.001 gpm 0.001 GPA 2261-95 03/28/24 10:13 / jrj Isopentane < 0.001 gpm 0.001 GPA 2261-95 03/28/24 10:13 / jrj n-Pentane < 0.001 gpm 0.001 GPA 2261-95 03/28/24 10:13 / jrj Hexanes plus 0.017 gpm 0.001 GPA 2261-95 03/28/24 10:13 / jrj **GPM Total** 0.017 gpm 0.001 GPA 2261-95 03/28/24 10:13 / jrj **GPM Pentanes plus** 0.017 gpm 0.001 GPA 2261-95 03/28/24 10:13 / jrj **CALCULATED PROPERTIES** 2 Gross BTU per cu ft @ Std Cond. (HHV) 1 GPA 2261-95 03/28/24 10:13 / jrj Net BTU per cu ft @ std cond. (LHV) 2 GPA 2261-95 1 03/28/24 10:13 / jrj Pseudo-critical Pressure, psia 546 1 GPA 2261-95 03/28/24 10:13 / jrj GPA 2261-95 Pseudo-critical Temperature, deg R 240 1 03/28/24 10:13 / jrj Specific Gravity @ 60/60F 1.00 0.001 D3588-81 03/28/24 10:13 / jrj

- The analysis was corrected for air contamination.

Air, %

COMMENTS

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

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

98.56

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

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

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

MCL - Maximum Contaminant Level

0.01

ND - Not detected at the Reporting Limit (RL)

GPA 2261-95

03/28/24 10:13 / jrj

03/28/24 10:13 / jrj

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

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental Work Order: B24031582 Report Date: 04/09/24

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------|-------------------|--------|-------------|--------------|------|------|-----------|-------------|-----|----------|-----------|
| Method: | GPA 2261-95 | | | | | | | | | Batch: | R418861 |
| Lab ID: | B24031582-001ADUP | 12 Sa | mple Duplic | ate | | | Run: GCNG | A-B_240328A | | 03/28/ | /24 11:03 |
| Oxygen | | | 21.7 | Mol % | 0.01 | | | | 0.4 | 20 | |
| Nitrogen | | | 78.0 | Mol % | 0.01 | | | | 0.1 | 20 | |
| Carbon D | ioxide | | 0.29 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Hydrogen | s Sulfide | | < 0.01 | Mol % | 0.01 | | | | | 20 | |
| Methane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Propane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | e | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Butane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isopentar | ne | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Pentane | е | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Hexanes | plus | | 0.04 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Lab ID: | LCS032824 | 11 Lal | boratory Co | ntrol Sample | • | | Run: GCNG | A-B_240328A | | 03/28/ | /24 01:28 |
| Oxygen | | | 0.65 | Mol % | 0.01 | 130 | 70 | 130 | | | |
| Nitrogen | | | 6.09 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Carbon D | ioxide | | 0.99 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Methane | | | 74.5 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Ethane | | | 6.05 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Propane | | | 5.00 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Isobutane | • | | 1.93 | Mol % | 0.01 | 96 | 70 | 130 | | | |
| n-Butane | | | 2.00 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Isopentar | ne | | 1.01 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| n-Pentane | е | | 1.00 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Hexanes | plus | | 0.79 | Mol % | 0.01 | 99 | 70 | 130 | | | |

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

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

Hall Environmental

Work Order Receipt Checklist

Login completed by: Crystal M. Jones Date Received: 3/26/2024 Reviewed by: Received by: AAG agilbert Reviewed Date: 3/27/2024 Carrier name: FedEx Not Present ☐ Shipping container/cooler in good condition? Yes √ No 🗌 Custody seals intact on all shipping container(s)/cooler(s)? No □ Not Present Yes √ Custody seals intact on all sample bottles? Yes No 🗌 Not Present ✓ Chain of custody present? Yes √ No 🗌 Chain of custody signed when relinquished and received? Yes √ No 🗌 Chain of custody agrees with sample labels? Yes √ No 🖂 Samples in proper container/bottle? Yes √ No 🗌 Sample containers intact? Yes √ No 🗌 Sufficient sample volume for indicated test? Yes √ No 🗌 All samples received within holding time? Yes √ No 🖂 (Exclude analyses that are considered field parameters such as pH, DO, Res CI, Sulfite, Ferrous Iron, etc.) Temp Blank received in all shipping container(s)/cooler(s)? Yes No ✓ Not Applicable Container/Temp Blank temperature: 12.8°C No Ice

B24031582

Standard Reporting Procedures:

Containers requiring zero headspace have no headspace or

bubble that is <6mm (1/4").

Water - pH acceptable upon receipt?

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

No 🗌

No 🗌

No VOA vials submitted

Not Applicable

Yes

Yes

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

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

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

Contact and Corrective Action Comments:

None

Environment Testing 0 - AsNaO2
P - Na2O4S
Q - Na2SQ3
R - Na2S2Q3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Y - Trizma
Z - other (specify) Value Since alporations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyse & accreditation compliance upon our subcontract laboratories. This samples must be single-for an anisative statement of the single-forest the provided Any changes to the contract of mainstance of or analysis/lessinative being analyzed, the as amples must be single-forest be single-forest as amples or the sample survey. If all dependent in the provided Any changes to accreditation state of original includes a provided and the second survey of their includes a provided and the second survey of their includes a provided and the second survey of their includes a provided and the second survey of their includes a provided and their survey of their survey. The survey of their includes a provided and their survey of their survey. The survey of their survey. The survey of their survey Special Instructions/Note: Ver: 06/08/202 Months 824051582 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon 💸 eurofins A - HCL
B - NaOH
C - Zn Acetate
D - Nitra Acid
E - NaHSO4
F - MeOH
G - Amchlor
G - Amchlor
H - Ascorbic Acid Page: Page 1 of 1 885-1704-1 COC No: 885-197.1 - Ice J - DI Water Total Number of containers Method of Shipment State of Origin: New Mexico **Analysis Requested** Freeman, Andy
E-Main
andy freeman@et.eurofinsus.com
Nandy freemanRequired (See note):
NELAP - Oregon; State - New Mexico Special Instructions/QC Requirements Sooler Temperature(s) °C and Other Received by: eceived by: Chain of Custody Record SUB (Fixed Gases)/ Fixed Gases Perform MS/MSD (Yes or No) Matrix ion Code Air Type (C=comp, G=grab) Sample Primary Deliverable Rank: 2 11:40 Mountain Sample 3/25/24 'AT Requested (days) Due Date Requested: 4/1/2024 Sample Date 3/21/24 Project #: 88500531 SSOW#: ate/Time Phone: Client Information (Sub Contract Lab) eliverable Requested: I, II, III, IV, Other (specify) Custody Seal No. Sample Identification - Client ID (Lab ID) Phone: 505-345-3975 Fax: 505-345-4107 Possible Hazard Identification

Page 5 of 6 4/10/2024

Custody Seals Intact

Δ Yes Δ No

linquished by:

Empty Kit Relinquished by

Inconfirmed

inquished by:

Influent 3-21 (885-1704-1)

Energy Laboratories, Inc.

Shipping/Receiving

1120 South 27th Street

State, Zip. MT, 59107

City: Billings

Project Name: Standard 1

Eurofins Albuquerque

Albuquerque, NM 87109

4901 Hawkins NE

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a a

4 6

12

Preservative None

Container Type Tedlar Bag 1L

ICOC No: 885-197 Containers Count

Date Page 24 of 26

Matrix

Time

イグ

04:11

16-5

375

전 EDD (Type)

Accreditation:

□ NELAC

Time.

3-32

Phone #:

QA/QC Package:

X Standard

Hilcorp

Client:

M, tch

Mailing Address:

| sary, | Time. Relinguished by | | | n re Arri wanta | OAIT | Time Matrix Sample Name | | 疑 EDD (Type) <u>;</u> なび | | Accreditation: Az Compliance | QA/QC Package: ☑ Standard □ Level 4 (Full Validation) | email or Fax#: Mkillesyh @ h. Icorp - com | Phone #: | | | Mitch Killoganh | Client: Hilcorp | Chain-of-Custody Record | 1 |
|--|---------------------------|--|--|-----------------|------|--|--|---|-----------------------------------|---|--|---|----------|--------------------|---------------------------------------|---------------------------|-------------------|-------------------------|-----|
| This serves a | Received by Via Date Time | | | | | Container Preservative HEAL No. | Cooler Temp(including CF): N/A (°C) | olers; \ | | Sampler: F. Carroll | SELLAST HYDIC- ENSOIUM | Project Manager: | | Project #: | Standard 1 | Project Name: | 啓 Standard □ Rush | Turn-Around Time: | 1 1 |
| CC: CCA FOILE ENSOLUM. COM Shyde & en Solum. com this possibility Any sub-contracted data will be clearly notated on the analytical report | | | | ; | × | BTEX / TPH:80 8081 Paris by the second control of the second contr | MT 115D estice lethouse 33 Me WOA | (GF cide od (3310 etal: NO ₃ | 80 / s/80 or 8 s s, N | DR 082 1) 327(O ₂ , | PCB's | RO) | Anal | 5 Fax 505-345-4107 | 4901 Hawkins NE - Albuquerque, NM 871 | www.hallenvironmental.com | _d | HAIL ENVIRONMENTAL | |

4/10/2024

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-1704-1

Login Number: 1704 List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

February 13, 2024

Mitch Killough HILCORP ENERGY PO Box 4700 Farmington, NM 87499 TEL: (505) 564-0733

FAX:

RE: Standard 1 OrderNo.: 2401A25

Dear Mitch Killough:

Eurofins Environment Testing South Central, LLC received 1 sample(s) on 1/25/2024 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Analytical ReportLab Order **2401A25**

Date Reported: 2/13/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent 1-24-24

 Project:
 Standard 1
 Collection Date: 1/24/2024 1:40:00 PM

 Lab ID:
 2401A25-001
 Matrix: AIR
 Received Date: 1/25/2024 7:45:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|------------------------------------|--------|--------|----------|----|---------------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | 4400 | 250 | μg/L | 50 | 2/2/2024 3:36:35 PM |
| Surr: BFB | 130 | 15-412 | %Rec | 50 | 2/2/2024 3:36:35 PM |
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: CCM |
| Benzene | 22 | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Toluene | 40 | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Ethylbenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,2,4-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,3,5-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Naphthalene | ND | 10 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1-Methylnaphthalene | ND | 20 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 2-Methylnaphthalene | ND | 20 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Acetone | ND | 50 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Bromobenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Bromodichloromethane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Bromoform | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Bromomethane | ND | 10 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 2-Butanone | ND | 50 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Carbon disulfide | ND | 50 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Carbon tetrachloride | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Chlorobenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Chloroethane | ND | 10 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Chloroform | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Chloromethane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 2-Chlorotoluene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 4-Chlorotoluene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| cis-1,2-DCE | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| cis-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,2-Dibromo-3-chloropropane | ND | 10 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Dibromochloromethane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Dibromomethane | ND | 10 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,2-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,3-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,4-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Dichlorodifluoromethane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,1-Dichloroethane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,1-Dichloroethene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 4

Analytical ReportLab Order **2401A25**

Date Reported: 2/13/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent 1-24-24

 Project:
 Standard 1
 Collection Date: 1/24/2024 1:40:00 PM

 Lab ID:
 2401A25-001
 Matrix: AIR
 Received Date: 1/25/2024 7:45:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|--------|----------|----|---------------------|
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: CCM |
| 1,2-Dichloropropane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,3-Dichloropropane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 2,2-Dichloropropane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,1-Dichloropropene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Hexachlorobutadiene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 2-Hexanone | ND | 50 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Isopropylbenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 4-Isopropyltoluene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 4-Methyl-2-pentanone | ND | 50 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Methylene chloride | ND | 15 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| n-Butylbenzene | ND | 15 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| n-Propylbenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| sec-Butylbenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Styrene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| tert-Butylbenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Tetrachloroethene (PCE) | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| trans-1,2-DCE | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| trans-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,2,3-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,2,4-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,1,1-Trichloroethane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,1,2-Trichloroethane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Trichloroethene (TCE) | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Trichlorofluoromethane | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| 1,2,3-Trichloropropane | ND | 10 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Vinyl chloride | ND | 5.0 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Xylenes, Total | 30 | 7.5 | μg/L | 50 | 2/7/2024 4:54:00 PM |
| Surr: Dibromofluoromethane | 95.4 | 70-130 | %Rec | 50 | 2/7/2024 4:54:00 PM |
| Surr: 1,2-Dichloroethane-d4 | 89.7 | 70-130 | %Rec | 50 | 2/7/2024 4:54:00 PM |
| Surr: Toluene-d8 | 108 | 70-130 | %Rec | 50 | 2/7/2024 4:54:00 PM |
| Surr: 4-Bromofluorobenzene | 102 | 70-130 | %Rec | 50 | 2/7/2024 4:54:00 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 4

ANALYTICAL SUMMARY REPORT

February 01, 2024

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

Work Order:

B24011306

Quote ID: B15626

Project Name:

Not Indicated

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 1/26/2024 for analysis.

| Lab ID | Client Sample ID | Collect Date R | deceive Date | Matri x | Test |
|---------------|-----------------------------------|----------------|--------------|---------|---|
| B24011306-001 | 2401A25-001B, Influent 1-24-24 | 01/24/24 13:40 | 01/26/24 | Air | Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60 |

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

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

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

Report Approved By:

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental **Project:** Not Indicated Lab ID: B24011306-001

Client Sample ID: 2401A25-001B, Influent 1-24-24

Report Date: 02/01/24 Collection Date: 01/24/24 13:40 DateReceived: 01/26/24

Matrix: Air

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---------|-------|------------|-------|-------------|-------------|----------------------|
| GAS CHROMATOGRAPHY ANALYSIS | REPORT | | | | | | |
| Oxygen | 21.19 | Mol % | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Nitrogen | 78.18 | Mol % | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Carbon Dioxide | 0.57 | Mol % | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Hydrogen Sulfide | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Methane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Ethane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Propane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Isobutane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| n-Butane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Isopentane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| n-Pentane | <0.01 | | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Hexanes plus | 0.06 | Mol % | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Propane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Isobutane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| n-Butane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Isopentane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| n-Pentane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Hexanes plus | 0.025 | gpm | | 0.001 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| GPM Total | 0.025 | gpm | | 0.001 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| GPM Pentanes plus | 0.025 | gpm | | 0.001 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| CALCULATED PROPERTIES | | | | | | | |
| Gross BTU per cu ft @ Std Cond. (HHV) | 3 | | | 1 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Net BTU per cu ft @ std cond. (LHV) | 3 | | | 1 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Pseudo-critical Pressure, psia | 546 | | | 1 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Pseudo-critical Temperature, deg R | 241 | | | 1 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| Specific Gravity @ 60/60F | 1.00 | | | 0.001 | | D3588-81 | 01/29/24 11:32 / jrj |
| Air, % | 96.81 | | | 0.01 | | GPA 2261-95 | 01/29/24 11:32 / jrj |
| - The analysis was not corrected for air. | | | | | | | |
| COMMENTS | | | | | | | |

COMMENTS

Definitions:

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

RL - Analyte Reporting Limit Report

MCL - Maximum Contaminant Level

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

01/29/24 11:32 / jrj

⁻ GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.
- To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.

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



QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental Work Order: B24011306 Report Date: 02/01/24

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------|-------------------|--------|-------------|--------------|------|------|-----------|--------------|-----|----------|----------|
| Method: | GPA 2261-95 | | | | | | | | | Batch: | R415794 |
| Lab ID: | B24011306-001ADUP | 12 Sai | mple Duplic | ate | | | Run: GCNG | GA-B_240129A | | 01/29/ | 24 12:22 |
| Oxygen | | | 21.2 | Mol % | 0.01 | | | | 0 | 20 | |
| Nitrogen | | | 78.2 | Mol % | 0.01 | | | | 0 | 20 | |
| Carbon D | Dioxide | | 0.57 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Hydrogen | n Sulfide | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Methane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Propane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | e | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Butane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isopentar | ne | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Pentan | е | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Hexanes | plus | | 0.05 | Mol % | 0.01 | | | | 18 | 20 | |
| Lab ID: | LCS012924 | 11 Lat | ooratory Co | ntrol Sample | | | Run: GCNG | SA-B_240129A | | 01/29/ | 24 01:18 |
| Oxygen | | | 0.64 | Mol % | 0.01 | 128 | 70 | 130 | | | |
| Nitrogen | | | 6.22 | Mol % | 0.01 | 104 | 70 | 130 | | | |
| Carbon D | ioxide | | 0.99 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Methane | | | 75.1 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Ethane | | | 5.87 | Mol % | 0.01 | 98 | 70 | 130 | | | |
| Propane | | | 4.79 | Mol % | 0.01 | 97 | 70 | 130 | | | |
| Isobutane | e | | 1.69 | Mol % | 0.01 | 84 | 70 | 130 | | | |
| n-Butane | | | 2.01 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Isopentar | ne | | 0.98 | Mol % | 0.01 | 98 | 70 | 130 | | | |
| n-Pentan | е | | 0.91 | Mol % | 0.01 | 91 | 70 | 130 | | | |
| Hexanes | plus | | 0.78 | Mol % | 0.01 | 98 | 70 | 130 | | | |
| | • | | | | | | | | | | |

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

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

Work Order Receipt Checklist

Hall Environmental

Login completed by: Crystal M. Jones

B24011306

Date Received: 1/26/2024

| gp | or your nin control | | | |
|---|---------------------------------|--------------|------|------------------------|
| Reviewed by: | dharris | | Red | ceived by: LEL |
| Reviewed Date: | 1/26/2024 | | Car | rier name: FedEx |
| Shipping container/cooler in | good condition? | Yes ✓ | No 🗌 | Not Present |
| Custody seals intact on all s | hipping container(s)/cooler(s)? | Yes 🗸 | No 🗌 | Not Present |
| Custody seals intact on all s | ample bottles? | Yes | No 🗌 | Not Present 🗹 |
| Chain of custody present? | | Yes √ | No 🗌 | |
| Chain of custody signed who | en relinquished and received? | Yes √ | No 🗌 | |
| Chain of custody agrees with | h sample labels? | Yes √ | No 🗌 | |
| Samples in proper container | /bottle? | Yes √ | No 🗌 | |
| Sample containers intact? | | Yes √ | No 🗌 | |
| Sufficient sample volume for | r indicated test? | Yes 🔽 | No 🗌 | |
| All samples received within I (Exclude analyses that are c such as pH, DO, Res Cl, Su | onsidered field parameters | Yes √ | No 🗌 | |
| Temp Blank received in all s | hipping container(s)/cooler(s)? | Yes | No 🗹 | Not Applicable |
| Container/Temp Blank temp | erature: | 7.4°C No Ice | | |
| Containers requiring zero he bubble that is <6mm (1/4"). | adspace have no headspace or | Yes | No 🗌 | No VOA vials submitted |
| Water - pH acceptable upon | receipt? | Yes | No 🗌 | Not Applicable |
| | | | | |

Standard Reporting Procedures:

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

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

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

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

Contact and Corrective Action Comments:

None

Website: www.hallenvironmental.com

| TO THE | COST |
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| ODY RECORD | PAGE: 1 | OF: 1 | Eurofins Environment Testing South Central, LLC |
|------------|---------|-------|---|
| | | | 4901 Hawkins NE |
| | | | Albuquerque, NM 87109 |
| | | | TEL: 505-345-3975 |
| | | | FAX: 505-345-4107 |

| SUB CONTI | RATOR Energy 1120 Sou | SUB CONTRATOR Energy Labs -Billings COMPANY ADDRESS: 1120 South 27th Street | Energy Laboratories | ries | PHONE. ACCOUNT # | (406) 869-6253 | FAX | (406) 252-6069 | |
|------------|--------------------------------------|---|---------------------|---------------|----------------------|--|----------|---------------------|--|
| CITY, STAI | CITY, STATE, ZIP. Billings, MT 59107 | MT 59107 | | | | | | | |
| ITEM | SAMPLE | CLIENT SAMPLE ID | BOTTLE TYPE | BOTTLE MATRIX | COLLECTION | # CONTAINERS | VALYTICA | ANALYTICAL COMMENTS | |
| 1 24 | 01A25-001B Ir | 1 2401A25-001B Influent 1-24-24 | TEDLAR | Air | 1/24/2024 1:40:00 PM | 1/24/2024 1:40:00 PM 1 Natural Gas Analysis. | | | |
| 147) | 10/25 | 305110428 | | | | | | | |

| | . Please return all coolers and blue ice. | |
|--------------------------------|--|--|
| SPECIAL INSTRUCTIONS COMMENTS: | Include the LAB ID and CLIENT SAMPLE ID on final reports. Email results to Hall.Lab@et.eurofinsus.com. For Questions email Hall.samplecontrol@et.eurofinsus.com. Thank von | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2401A25 13-Feb-24

WO#:

Client: HILCORP ENERGY

Project: Standard 1

Sample ID: 2401A25-001adup SampType: DUP TestCode: EPA Method 8260B: Volatiles

Client ID: Influent 1-24-24 Batch ID: R102941 RunNo: 102941

| Prep Date: | Analysis D |)ate: 2/ 3 | 7/2024 | 9 | SeqNo: 3 | 3804542 | Units: µg/L | | | |
|--------------------------------|------------|-------------------|-----------|-------------|----------|----------|-------------|-------|----------|------|
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 22 | 5.0 | | | | | | 0.320 | 20 | |
| Toluene | 40 | 5.0 | | | | | | 0.152 | 20 | |
| Ethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | | | | | | 0 | 20 | |
| Naphthalene | ND | 10 | | | | | | 0 | 20 | |
| 1-Methylnaphthalene | ND | 20 | | | | | | 0 | 20 | |
| 2-Methylnaphthalene | ND | 20 | | | | | | 0 | 20 | |
| Acetone | ND | 50 | | | | | | 0 | 20 | |
| Bromobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Bromodichloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| Bromoform | ND | 5.0 | | | | | | 0 | 20 | |
| Bromomethane | ND | 10 | | | | | | 0 | 20 | |
| 2-Butanone | ND | 50 | | | | | | 0 | 20 | |
| Carbon disulfide | ND | 50 | | | | | | 0 | 20 | |
| Carbon tetrachloride | ND | 5.0 | | | | | | 0 | 20 | |
| Chlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Chloroethane | ND | 10 | | | | | | 0 | 20 | |
| Chloroform | ND | 5.0 | | | | | | 0 | 20 | |
| Chloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| 2-Chlorotoluene | ND | 5.0 | | | | | | 0 | 20 | |
| 4-Chlorotoluene | ND | 5.0 | | | | | | 0 | 20 | |
| cis-1,2-DCE | ND | 5.0 | | | | | | 0 | 20 | |
| cis-1,3-Dichloropropene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | | | | | 0 | 20 | |
| Dibromochloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| Dibromomethane | ND | 10 | | | | | | 0 | 20 | |
| 1,2-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,4-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Dichlorodifluoromethane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1-Dichloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1-Dichloroethene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |
| 2,2-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |
| | | | | | | | | | | |

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 4

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2401A25 13-Feb-24

WO#:

Client: HILCORP ENERGY

Project: Standard 1

Sample ID: 2401A25-001adup SampType: DUP TestCode: EPA Method 8260B: Volatiles Client ID: Influent 1-24-24 Batch ID: R102941 RunNo: 102941 Units: µg/L Prep Date: Analysis Date: 2/7/2024 SeqNo: 3804542 PQL SPK value SPK Ref Val HighLimit %RPD **RPDLimit** Qual Analyte Result %REC LowLimit 1,1-Dichloropropene ND 5.0 0 20 Hexachlorobutadiene ND 5.0 0 20 ND 2-Hexanone 50 0 20 5.0 Isopropylbenzene ND 0 20 4-Isopropyltoluene ND 5.0 0 20 ND 0 20 4-Methyl-2-pentanone 50 Methylene chloride ND 15 0 20 n-Butylbenzene ND 15 0 20 n-Propylbenzene ND 5.0 0 20 sec-Butylbenzene ND 0 5.0 20 0 Styrene ND 5.0 20 0 tert-Butylbenzene ND 5.0 20 1,1,1,2-Tetrachloroethane ND 5.0 0 20 1,1,2,2-Tetrachloroethane ND 5.0 0 20 Tetrachloroethene (PCE) ND 0 20 5.0 trans-1,2-DCE ND 5.0 0 20 ND 0 20 trans-1,3-Dichloropropene 5.0 1,2,3-Trichlorobenzene ND 5.0 0 20 1,2,4-Trichlorobenzene ND 5.0 0 20 1,1,1-Trichloroethane ND 5.0 0 20 ND 0 1,1,2-Trichloroethane 5.0 20 0 Trichloroethene (TCE) ND 5.0 20 Trichlorofluoromethane ND 5.0 0 20 1,2,3-Trichloropropane ND 10 0 20 Vinyl chloride ND 5.0 0 20 29 7.5 4.95 20 Xylenes, Total Surr: Dibromofluoromethane 46 50.00 92.9 70 130 0 0 0 0 Surr: 1,2-Dichloroethane-d4 46 50.00 92.5 70 130 Surr: Toluene-d8 55 50.00 70 130 0 0 110 0 0 Surr: 4-Bromofluorobenzene 52 50.00 104 70 130

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 4

Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Released to Imaging: 6/3/2024 11:22:17 AM

| Client Name: | HILCORP ENERGY | Work Order Number | 2401A25 | | RcptNo | : 1 |
|-------------------------------|---|---------------------------|---------------|--------------------|----------------------------|---------------------|
| Received By: | Cheyenne Cason | 1/25/2024 7:45:00 AM | | Chul | | |
| Completed By: | Tracy Casarrubias | 1/25/2024 9:21:06 AM | | | | |
| Reviewed By: | 74/25/24 | | | | | |
| Chain of Cu | stody | | | | | |
| 1. Is Chain of 0 | Custody complete? | | Yes | No 🗹 | Not Present | |
| 2. How was the | e sample delivered? | | Courier | | | |
| Log In | | | | | | |
| Was an atte | mpt made to cool the sample | s? | Yes | No 🗸 | NA 🗌 | |
| 4. Were all san | nples received at a temperatu | ure of >0° C to 6.0°C | Yes 🗌 | E No □ | NA 🗹 | |
| 5. Sample(s) in | n proper container(s)? | | Yes 🗹 | No 🗆 | | |
| 6. Sufficient sa | mple volume for indicated tes | et(s)? | Yes 🗹 | No 🗌 | | |
| 7. Are samples | (except VOA and ONG) prop | perly preserved? | Yes 🗹 | No 🗌 | | |
| 8. Was preserv | vative added to bottles? | | Yes 🗌 | No 🗹 | NA 🗌 | |
| 9. Received at | least 1 vial with headspace < | 1/4" for AQ VOA? | Yes \square | No 🗌 | NA 🗹 | |
| 10. Were any sa | ample containers received bro | oken? | Yes | No 🗹 | # of preserved | |
| | work match bottle labels? pancies on chain of custody) | | Yes 🗹 | No 🗆 | bottles checked for pH: | r >12 unless noted) |
| | correctly identified on Chain | of Custody? | Yes 🗸 | No 🗆 | Adjusted? | |
| 13. Is it clear wh | at analyses were requested? | | Yes 🗸 | No 🗌 | | |
| | ding times able to be met? customer for authorization.) | | Yes 🗹 | No 🗌 | Checked by: | 21/2 |
| | dling (if applicable) | | | i | | |
| | notified of all discrepancies w | ith this order? | Yes 🗌 | No 🗌 | NA 🗹 | |
| Perso | n Notified: | Date: | | | | |
| By Wi | hom: | Via: [| eMail | Phone Fax | In Person | |
| Regar | rding: | | | | | |
| Client | Instructions: Mailing address | ss, phone number, and Ema | il/Fax are n | nissing on COC - T | MC 1/25/24 | |
| 16. Additional r | remarks: | | | | | |
| 17. Cooler Info | <u>ormation</u> | | | | | |
| Cooler N | lo Temp °C Condition | Seal Intact Seal No S | Seal Date | Signed By | | |
| 1 | N/A Good | Yes | | | | |

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| Client: | COLD | | Z Standard | □ Rush | | | П | A | ANALYSIS | YSI | SL | AB | OR | LABORATORY | RY | |
| Mitch | تذ | 1 longh | Project Name: | () | THE THE | | | > | www.hallenvironmental.com | enviro | nment | al.com | _ | | | |
| Mailing Address: | |) | Stantandi | Las C | 1 1 | 4 | 901 H | 4901 Hawkins NE | - - - - | Albuc | Albuquerque, NM 87109 | S, NM | 87109 | | | |
| | | 10. | Project #: | | | · | rel. 50 | Tel. 505-345-3975 | 3975 | Fa) | Fax 505-345-4107 | 345-4 | 107 | | | |
| Phone #: | | | | | | | | | ۷ | nalysi | Analysis Request | nest | | | | |
| email or Fax#: | | | Project Manag | | | | | | | †OS | | (jue | | | _ | |
| QA/QC Package: | 7 | | Straft | + Myd | 2 | | | - | CIAII | 7° ° | L.< | sq√ | | | | |
| □ Standard | | ☐ Level 4 (Full Validation) | ĺ | | | | | | 00 | ار ار | 11 | _ | .5 | | | |
| Accreditation: | ☐ Az Co | mpliance | Sampler: | DANNY B | SH (M) | - | | | | ON ' |)(A(| | 20 | | | |
| □ EDD (Tvpe) | | | # of Coolers: | | | Carlo . | $\overline{}$ | | | | | Lm (| \ <u></u> | | | |
| | | | Cooler Temp(Including CF). | Iduding CF): | (°C) | | 300 | | | | | | <u>) </u> | | | |
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| 124/24 1728 | _ | JAN. 41 JCA | | 1 3000 | (25/W 0745 | | | SWY | OE | | | | = | | | |
| January 1 | | males submitted to Hall Environmental may be subcontracted to other acc | contracted to other ac | credited laboratories. | is. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. | ilidissod s | ty. Any s | ub-contr | cted data | will be c | early not | ated on t | he analyt | ical repor | نب | |

Released to Imaging: 6/3/2024 11:22:17 AM



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

March 04, 2024

Mitch Killough
HILCORP ENERGY
PO Box 4700
Farmington, NM 87499

TEL: (505) 564-0733

FAX

RE: Standard 1 OrderNo.: 2402A63

Dear Mitch Killough:

Eurofins Environment Testing South Central, LLC received 1 sample(s) on 2/22/2024 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

Andel

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2402A63

Date Reported: 3/4/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent

Project: Standard 1 Collection Date: 2/21/2024 12:05:00 PM Lab ID: 2402A63-001 Matrix: AIR **Received Date: 2/22/2024 7:00:00 AM**

| Analyses | Result | RL Qua | Units | DF | Date Analyzed |
|----------------------------------|--------|--------|-------|----|-----------------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | 2900 | 250 | μg/L | 50 | 2/23/2024 12:46:22 PM |
| Surr: BFB | 108 | 15-412 | %Rec | 50 | 2/23/2024 12:46:22 PM |
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: CCM |
| Benzene | 13 | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Toluene | 18 | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Ethylbenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Methyl tert-butyl ether (MTBE) | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,2,4-Trimethylbenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,3,5-Trimethylbenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,2-Dichloroethane (EDC) | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,2-Dibromoethane (EDB) | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Naphthalene | ND | 4.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1-Methylnaphthalene | ND | 8.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 2-Methylnaphthalene | ND | 8.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Acetone | ND | 20 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Bromobenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Bromodichloromethane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Bromoform | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Bromomethane | ND | 4.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 2-Butanone | ND | 20 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Carbon disulfide | ND | 20 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Carbon tetrachloride | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Chlorobenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Chloroethane | ND | 4.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Chloroform | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Chloromethane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 2-Chlorotoluene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 4-Chlorotoluene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| cis-1,2-DCE | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| cis-1,3-Dichloropropene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,2-Dibromo-3-chloropropane | ND | 4.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Dibromochloromethane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Dibromomethane | ND | 4.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,2-Dichlorobenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,3-Dichlorobenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,4-Dichlorobenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Dichlorodifluoromethane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,1-Dichloroethane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,1-Dichloroethene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 1 of 2

Analytical Report Lab Order 2402A63

Date Reported: 3/4/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent

 Project:
 Standard 1
 Collection Date: 2/21/2024 12:05:00 PM

 Lab ID:
 2402A63-001
 Matrix: AIR
 Received Date: 2/22/2024 7:00:00 AM

| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
|-----------------------------|--------|--------|----------|----|-----------------------|
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: CCM |
| 1,2-Dichloropropane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,3-Dichloropropane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 2,2-Dichloropropane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,1-Dichloropropene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Hexachlorobutadiene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 2-Hexanone | ND | 20 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Isopropylbenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 4-Isopropyltoluene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 4-Methyl-2-pentanone | ND | 20 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Methylene chloride | ND | 6.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| n-Butylbenzene | ND | 6.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| n-Propylbenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| sec-Butylbenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Styrene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| tert-Butylbenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,1,1,2-Tetrachloroethane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Tetrachloroethene (PCE) | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| trans-1,2-DCE | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| trans-1,3-Dichloropropene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,2,3-Trichlorobenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,2,4-Trichlorobenzene | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,1,1-Trichloroethane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,1,2-Trichloroethane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Trichloroethene (TCE) | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Trichlorofluoromethane | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| 1,2,3-Trichloropropane | ND | 4.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Vinyl chloride | ND | 2.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Xylenes, Total | 18 | 3.0 | μg/L | 20 | 2/29/2024 12:58:00 PM |
| Surr: Dibromofluoromethane | 96.7 | 70-130 | %Rec | 20 | 2/29/2024 12:58:00 PM |
| Surr: 1,2-Dichloroethane-d4 | 87.2 | 70-130 | %Rec | 20 | 2/29/2024 12:58:00 PM |
| Surr: Toluene-d8 | 111 | 70-130 | %Rec | 20 | 2/29/2024 12:58:00 PM |
| Surr: 4-Bromofluorobenzene | 104 | 70-130 | %Rec | 20 | 2/29/2024 12:58:00 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 2



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

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

ANALYTICAL SUMMARY REPORT

March 01, 2024

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

Work Order:

B24021412

Quote ID: B15626

Project Name:

Not Indicated

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 2/23/2024 for analysis.

| Lab ID | Client Sample ID | Collect Date Receive Date | Matrix | Test |
|---------------|------------------------|---------------------------|--------|--|
| B24021412-001 | 2402A63-001B, Influent | 02/21/24 12:05 02/23/24 | Air | Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist Free Natural Gas Analysis Specific Gravity @ 60/60 |

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

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

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

Report Approved By:

Digitally signed by Ladonna Weis Date: 2024.03.01 14:05:34 -07:00



Billings, MT 406.252.6325 * Casper, WY 307.235.0515 Gillette, WY 307.686.7175 . Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental **Report Date: 03/01/24** Project: Not Indicated Collection Date: 02/21/24 12:05 Lab ID: B24021412-001 DateReceived: 02/23/24 Client Sample ID: 2402A63-001B, Influent Matrix: Air

| | | | | | MCL/ | | |
|--|---------|-------|------------|-------|------|-------------|----------------------|
| Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| GAS CHROMATOGRAPHY ANALYSIS | REPORT | | | | | | |
| Oxygen | 19.74 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Nitrogen | 79.83 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Carbon Dioxide | 0.40 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Hydrogen Sulfide | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Methane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Ethane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Propane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Isobutane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| n-Butane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Isopentane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| n-Pentane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Hexanes plus | 0.03 | Mol % | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Propane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Isobutane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| n-Butane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Isopentane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| n-Pentane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Hexanes plus | 0.013 | gpm | | 0.001 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| GPM Total | 0.013 | gpm | | 0.001 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| GPM Pentanes plus | 0.013 | gpm | | 0.001 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| CALCULATED PROPERTIES | | | | | | | |
| Gross BTU per cu ft @ Std Cond. (HHV) | 1 | | | 1 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Net BTU per cu ft @ std cond. (LHV) | 1 | | | 1 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Pseudo-critical Pressure, psia | 542 | | | 1 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Pseudo-critical Temperature, deg R | 239 | | | 1 | | GPA 2261-95 | 02/26/24 10:04 / jrj |
| Specific Gravity @ 60/60F | 0.998 | | | 0.001 | | D3588-81 | 02/26/24 10:04 / jrj |
| Air, % - The analysis was not corrected for air. | 90.19 | | | 0.01 | | GPA 2261-95 | 02/26/24 10:04 / jrj |

COMMENTS

02/26/24 10:04 / jrj

- BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.
- GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.

 To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.
- Standard conditions: 60 F & 14.73 psi on a dry basis.

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

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)



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

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental Work Order: B24021412 Report Date: 03/01/24

| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
|-----------|-------------------|--------|-------------|--------------|------|------|-----------|--------------|-----|----------|-----------|
| Method: | GPA 2261-95 | | | | | | | | | Batch: | R417194 |
| Lab ID: | B24021103-001ADUP | 12 Sar | mple Duplic | ate | | | Run: GCNC | GA-B_240226A | | 02/26 | /24 01:17 |
| Oxygen | | | 0.84 | Mol % | 0.01 | | | | 1.2 | 20 | |
| Nitrogen | | | 83.3 | Mol % | 0.01 | | | | 0.2 | 20 | |
| Carbon D | ioxide | | 11.0 | Mol % | 0.01 | | | | 0.9 | 20 | |
| Hydrogen | Sulfide | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Methane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | | | 0.02 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Propane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | ı | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Butane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isopentan | е | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Pentane | e | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Hexanes | plus | | 0.04 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Lab ID: | LCS022624 | 11 Lab | oratory Co | ntrol Sample | • | | Run: GCNC | GA-B_240226A | | 02/26 | /24 02:11 |
| Oxygen | | | 0.61 | Mol % | 0.01 | 122 | 70 | 130 | | | |
| Nitrogen | | | 6.37 | Mol % | 0.01 | 106 | 70 | 130 | | | |
| Carbon D | ioxide | | 1.02 | Mol % | 0.01 | 103 | 70 | 130 | | | |
| Methane | | | 74.3 | Mol % | 0.01 | 99 | 70 | 130 | | | |
| Ethane | | | 5.99 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Propane | | | 5.02 | Mol % | 0.01 | 102 | 70 | 130 | | | |
| Isobutane | ı | | 1.82 | Mol % | 0.01 | 91 | 70 | 130 | | | |
| n-Butane | | | 1.99 | Mol % | 0.01 | 99 | 70 | 130 | | | |
| Isopentan | е | | 1.02 | Mol % | 0.01 | 102 | 70 | 130 | | | |
| n-Pentane | e | | 1.03 | Mol % | 0.01 | 103 | 70 | 130 | | | |
| Hexanes | plus | | 0.81 | Mol % | 0.01 | 101 | 70 | 130 | | | |

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Work Order Receipt Checklist

Hall Environmental

B24021412

| Login completed by: | Danielle N. Harris | Date Received: 2/23/2024 | | | | | | |
|---|---------------------------------|--------------------------|------|------------------------|--|--|--|--|
| Reviewed by: | gmccartney | Received by: DNH | | | | | | |
| Reviewed Date: | 2/28/2024 | Carrier name: FedEx | | | | | | |
| Shipping container/cooler in | good condition? | Yes ✓ | No 🗌 | Not Present | | | | |
| Custody seals intact on all sl | hipping container(s)/cooler(s)? | Yes ✓ | No 🗌 | Not Present | | | | |
| Custody seals intact on all sa | ample bottles? | Yes | No 🗌 | Not Present ✓ | | | | |
| Chain of custody present? | | Yes ✓ | No 🗌 | | | | | |
| Chain of custody signed whe | en relinquished and received? | Yes ✓ | No 🗌 | | | | | |
| Chain of custody agrees with | n sample labels? | Yes ✓ | No 🗌 | | | | | |
| Samples in proper container | /bottle? | Yes ✓ | No 🗌 | | | | | |
| Sample containers intact? | | Yes ✓ | No 🗌 | | | | | |
| Sufficient sample volume for | indicated test? | Yes ✓ | No 🗌 | | | | | |
| All samples received within h (Exclude analyses that are c such as pH, DO, Res Cl, Su | onsidered field parameters | Yes √ | No 🗌 | | | | | |
| Temp Blank received in all s | hipping container(s)/cooler(s)? | Yes ✓ | No 🗌 | Not Applicable | | | | |
| Container/Temp Blank tempe | erature: | 15.0°C No Ice | | | | | | |
| Containers requiring zero her bubble that is <6mm (1/4"). | adspace have no headspace or | Yes | No 🗌 | No VOA vials submitted | | | | |
| Water - pH acceptable upon | receipt? | Yes | No 🗌 | Not Applicable 🗹 | | | | |

Standard Reporting Procedures:

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

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

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

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

Contact and Corrective Action Comments:

None

| Eurofins Environment Testing South Central, LLC. 4901 Hawkins NE Albuquerque, NM 87109 TEL. 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com | (406) 252-6069 | | | ANALYTICAL COMMENTS | |
|---|-------------------------------------|------------------------|--------------------------------------|--------------------------|---|
| 1 OF 1 Eurofin | (406) 869-6253 FAX. | EMAIL. | | | 2/21/2024 12:05:00 PM 1 Natural Gas Analysis. |
| ECORD PAGE: | PHONE | ACCOUNT #: | | COLLECTION PROPERTY DATE | 21/2024 12:05:00 PM 1 |
| CODY R | se | | | MATRIX | Air 2/ |
| CHAIN OF CUSTODY RECORD PAGE | Energy Laboratories | | | ВОТПЕ | TEDLAR |
| | COMPANY | | | LE ID | |
| Environment Testing | Labs -Billings | 1120 South 27th Street | MT 59107 | CLIENT SAMPLE ID | ıfluent |
| s eurofins | SUB CONTRATOR Energy Labs -Billings | | CITY, STATE, ZIP. Billings, MT 59107 | SAMPLE | 1 2402A63-001B Influent |
| nə « | SUB CON | ADDRESS | CITY, ST. | TEM | 1 |

| Relinquished By: Trine Trine P.27 AM Received By Time. | REPORT TRANSMITTAL DESIRED: |
|--|------------------------------------|
| Relinquished By: Date: Time. Received By: Date: Time. | HARDCOPY (extra cost) FAX ONLINE |
| 1 | FOR LAB USE ONLY |
| | Temp of samples C Attempt to Cool? |
| | |



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

| | nber: 2402A63 | | RcptNo: 1 | |
|---------------------------|------------------------------|---------------|----------------------------|---------------|
| 2/22/2024 7:00:00 | АМ | | | |
| 2/22/2024 9:22:57 | AM | | | |
| 2/22/24 | | | | |
| | | | _ | |
| | Yes | No 🗹 | Not Present | |
| | Courier | | | |
| mples? | Yes 🗌 | No 🗸 | NA \square | |
| erature of >0° C to 6.0°C | Yes 🗌 | No 🗌 | na 🗹 | |
| | Yes 🗸 | No 🗆 | | |
| d test(s)? | Yes 🗹 | No 🗌 | | |
| properly preserved? | Yes 🗸 | No 🗌 | | |
| | Yes | No 🗹 | NA 🗆 | |
| ace <1/4" for AQ VOA? | Yes 🗌 | No 🗆 | NA 🗹 | |
| ed broken? | Yes | No 🔽 | # of preserved | |
| ody) | Yes 🗹 | No 🗆 | bottles checked for pH: | upless noted) |
| hain of Custody? | Yes 🗹 | No 🗆 | Adjusted? | |
| ited? | Yes 🗹 | No 🗆 | / | 26.1. |
| t? on.) | Yes 🗹 | No 🗆 | Checked by: | -122/24 |
| ! | | | | |
| es with this order? | Yes 🗌 | No 🗆 | NA 🗹 | |
| Date | | | | |
| Via: | eMail F | Phone Fax | In Person | |
| ddress and phone number a | re missing on COC | - TMC 2/22/24 | | |
| | | | | |
| on Cool intert Cool No | Cool Data | Signed By | | |
| | Seal Date | olduea By | | |
| on | Seal Intact Seal No Yes | | | |

| HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 | Analysis Requestive the Process of t | |
|---|--|--|
| Turn-Around Time: Standard □ Rush Project Name: Standard # Project #: | Project Manager: Sampler: Peter Andron Sampler: Peter Andro On Ice: Dives Who # of Coolers: Cooler Tempinatuding cp; Type and # Type 2 tolid Mis: Date Time Collid Time All July 1465 Received by: Via:Counce Date Time Contracted to other accrefither 1806miories. This serves as notice of the same of the serves as notice of the same | |
| Client: HEC Although Mitch Killough Mailing Address: | Phone #: email or Fax#: m-th killoush OAGC Package: Standard Accreditation: Date Date Time Matrix Sample Name Type and # Container Container Container Type and # Coloier Ten Container Type and # Coloier Ten Container Container Type and # Coloier Ten Container Container Coloier Ten Container Container Type and # Coloier Ten Container Coloier Ten Coloier Ten Coloier Ten Container Type and # Coloier Ten Container Type and # Coloier Ten Container Type and # Coloier Ten Container Container Container Type and # Coloier Ten Container Container Type and # Coloier Ten Container Container Container Type and # Coloier Ten Container Container Container Container Container Container Type and # Coloier Ten Container | ון הפספטפון, אפוונוסיס אינייויים ווייניים וויייים איניייים איניייים איניייים איניייים איניייים איניייים אינייי |



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

January 24, 2024

Mitch Killough HILCORP ENERGY PO Box 4700 Farmington, NM 87499 TEL: (505) 564-0733

FAX:

RE: Standard 1A OrderNo.: 2401263

Dear Mitch Killough:

Eurofins Environment Testing South Central, LLC received 2 sample(s) on 1/6/2024 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 1/24/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT:HILCORP ENERGYClient Sample ID:Influent 1-4-24Project:Standard 1ACollection Date: 1/4/2024 2:30:00 PM

Lab ID: 2401263-001 **Matrix:** AIR **Received Date:** 1/6/2024 8:35:00 AM

| Analyses | Result | RL Q | ual Units | DF | Date Analyzed |
|----------------------------------|--------|--------|-----------|----|-----------------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | 3400 | 250 | μg/L | 50 | 1/8/2024 5:19:46 PM |
| Surr: BFB | 108 | 15-412 | %Rec | 50 | 1/8/2024 5:19:46 PM |
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: JR |
| Benzene | 29 | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Toluene | 40 | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Ethylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,2,4-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,3,5-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Naphthalene | ND | 10 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1-Methylnaphthalene | ND | 20 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 2-Methylnaphthalene | ND | 20 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Acetone | ND | 50 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Bromobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Bromodichloromethane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Bromoform | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Bromomethane | ND | 10 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 2-Butanone | ND | 50 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Carbon disulfide | ND | 50 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Carbon tetrachloride | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Chlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Chloroethane | ND | 10 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Chloroform | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Chloromethane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 2-Chlorotoluene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 4-Chlorotoluene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| cis-1,2-DCE | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| cis-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,2-Dibromo-3-chloropropane | ND | 10 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Dibromochloromethane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Dibromomethane | ND | 10 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,2-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,3-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,4-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Dichlorodifluoromethane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,1-Dichloroethane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,1-Dichloroethene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported: 1/24/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent 1-4-24

 Project:
 Standard 1A
 Collection Date: 1/4/2024 2:30:00 PM

 Lab ID:
 2401263-001
 Matrix: AIR
 Received Date: 1/6/2024 8:35:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|--------|----------|----|-----------------------|
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: JR |
| 1,2-Dichloropropane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,3-Dichloropropane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 2,2-Dichloropropane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,1-Dichloropropene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Hexachlorobutadiene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 2-Hexanone | ND | 50 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Isopropylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 4-Isopropyltoluene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 4-Methyl-2-pentanone | ND | 50 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Methylene chloride | ND | 15 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| n-Butylbenzene | ND | 15 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| n-Propylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| sec-Butylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Styrene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| tert-Butylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Tetrachloroethene (PCE) | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| trans-1,2-DCE | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| trans-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,2,3-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,2,4-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,1,1-Trichloroethane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,1,2-Trichloroethane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Trichloroethene (TCE) | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Trichlorofluoromethane | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| 1,2,3-Trichloropropane | ND | 10 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Vinyl chloride | ND | 5.0 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Xylenes, Total | 18 | 7.5 | μg/L | 50 | 1/16/2024 12:47:39 PM |
| Surr: Dibromofluoromethane | 75.3 | 70-130 | %Rec | 50 | 1/16/2024 12:47:39 PM |
| Surr: 1,2-Dichloroethane-d4 | 84.7 | 70-130 | %Rec | 50 | 1/16/2024 12:47:39 PM |
| Surr: Toluene-d8 | 105 | 70-130 | %Rec | 50 | 1/16/2024 12:47:39 PM |
| Surr: 4-Bromofluorobenzene | 111 | 70-130 | %Rec | 50 | 1/16/2024 12:47:39 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported: 1/24/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent 1-5-24

 Project:
 Standard 1A
 Collection Date: 1/5/2024 2:00:00 PM

 Lab ID:
 2401263-002
 Matrix: AIR
 Received Date: 1/6/2024 8:35:00 AM

| Analyses | Result | RL Qua | d Units | DF | Date Analyzed |
|------------------------------------|--------|--------|---------|----|----------------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | 2300 | 250 | μg/L | 50 | 1/8/2024 6:07:26 PM |
| Surr: BFB | 99.4 | 15-412 | %Rec | 50 | 1/8/2024 6:07:26 PM |
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: JR |
| Benzene | 18 | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Toluene | 26 | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Ethylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,2,4-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,3,5-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Naphthalene | ND | 10 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1-Methylnaphthalene | ND | 20 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 2-Methylnaphthalene | ND | 20 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Acetone | ND | 50 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Bromobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Bromodichloromethane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Bromoform | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Bromomethane | ND | 10 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 2-Butanone | ND | 50 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Carbon disulfide | ND | 50 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Carbon tetrachloride | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Chlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Chloroethane | ND | 10 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Chloroform | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Chloromethane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 2-Chlorotoluene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 4-Chlorotoluene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| cis-1,2-DCE | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| cis-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,2-Dibromo-3-chloropropane | ND | 10 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Dibromochloromethane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Dibromomethane | ND | 10 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,2-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,3-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,4-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Dichlorodifluoromethane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,1-Dichloroethane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,1-Dichloroethene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported: 1/24/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent 1-5-24

 Project:
 Standard 1A
 Collection Date: 1/5/2024 2:00:00 PM

 Lab ID:
 2401263-002
 Matrix: AIR
 Received Date: 1/6/2024 8:35:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|--------|----------|----|----------------------|
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: JR |
| 1,2-Dichloropropane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,3-Dichloropropane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 2,2-Dichloropropane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,1-Dichloropropene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Hexachlorobutadiene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 2-Hexanone | ND | 50 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Isopropylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 4-Isopropyltoluene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 4-Methyl-2-pentanone | ND | 50 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Methylene chloride | ND | 15 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| n-Butylbenzene | ND | 15 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| n-Propylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| sec-Butylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Styrene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| tert-Butylbenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Tetrachloroethene (PCE) | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| trans-1,2-DCE | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| trans-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,2,3-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,2,4-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,1,1-Trichloroethane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,1,2-Trichloroethane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Trichloroethene (TCE) | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Trichlorofluoromethane | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| 1,2,3-Trichloropropane | ND | 10 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Vinyl chloride | ND | 5.0 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Xylenes, Total | 8.7 | 7.5 | μg/L | 50 | 1/16/2024 1:15:08 PM |
| Surr: Dibromofluoromethane | 76.6 | 70-130 | %Rec | 50 | 1/16/2024 1:15:08 PM |
| Surr: 1,2-Dichloroethane-d4 | 87.6 | 70-130 | %Rec | 50 | 1/16/2024 1:15:08 PM |
| Surr: Toluene-d8 | 104 | 70-130 | %Rec | 50 | 1/16/2024 1:15:08 PM |
| Surr: 4-Bromofluorobenzene | 111 | 70-130 | %Rec | 50 | 1/16/2024 1:15:08 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

ANALYTICAL SUMMARY REPORT

January 18, 2024

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

Work Order: B24010462 Quote ID: B15626

Project Name: Tedlar Gas Analysis

Energy Laboratories Inc Billings MT received the following 2 samples for Hall Environmental on 1/9/2024 for analysis.

| Lab ID | Client Sample ID | Collect Date R | eceive Date | Matri x | Test |
|---------------|---------------------------------|----------------|-------------|---------|---|
| B24010462-001 | 2401263-001B Influent 1-4-24 | 01/04/24 14:30 | 01/09/24 | Air | Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60 |
| B24010462-002 | 2401263-002B Influent 1-5-24 | 01/05/24 14:00 | 01/09/24 | Air | Same As Above |

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

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

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

Report Approved By:

Client Sample ID: 2401263-001B Influent 1-4-24

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

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Tedlar Gas Analysis
Lab ID: B24010462-001

Report Date: 01/18/24
Collection Date: 01/04/24 14:30
DateReceived: 01/09/24
Matrix: Air

| Analyses | Result U | nits Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|------------|-----------------|-------|-------------|-------------|----------------------|
| , | 1100411 01 | | | | | |
| GAS CHROMATOGRAPHY ANALYSIS | REPORT | | | | | |
| Oxygen | 17.40 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Nitrogen | 77.76 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Carbon Dioxide | 4.80 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Hydrogen Sulfide | <0.01 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Methane | <0.01 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Ethane | <0.01 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Propane | <0.01 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| sobutane | <0.01 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| n-Butane | <0.01 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| sopentane | <0.01 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| n-Pentane | <0.01 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| lexanes plus | 0.04 M | ol % | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Propane | < 0.001 gp | | 0.001 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| sobutane | < 0.001 gp | om | 0.001 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| n-Butane | < 0.001 gp | om | 0.001 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| sopentane | < 0.001 gp | om | 0.001 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| n-Pentane | < 0.001 gp | om | 0.001 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Hexanes plus | 0.017 gp | om | 0.001 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| GPM Total | 0.017 gp | om | 0.001 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| GPM Pentanes plus | 0.017 gp | om | 0.001 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| CALCULATED PROPERTIES | | | | | | |
| Gross BTU per cu ft @ Std Cond. (HHV) | 2 | | 1 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Net BTU per cu ft @ std cond. (LHV) | 2 | | 1 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Pseudo-critical Pressure, psia | 562 | | 1 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Pseudo-critical Temperature, deg R | 252 | | 1 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| Specific Gravity @ 60/60F | 1.02 | | 0.001 | | D3588-81 | 01/12/24 10:33 / jrj |
| Air, % | 79.49 | | 0.01 | | GPA 2261-95 | 01/12/24 10:33 / jrj |
| - The analysis was not corrected for air. | | | | | | ,, |
| COMMENTS | | | | | | |
| | | | | | | |

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

Report RL - Analyte Reporting Limit MCL - Maximum Contaminant Level

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

01/12/24 10:33 / jrj

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

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

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

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

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Tedlar Gas Analysis
Lab ID: B24010462-002

Client Sample ID: 2401263-002B Influent 1-5-24

Report Date: 01/18/24
Collection Date: 01/05/24 14:00
DateReceived: 01/09/24

Matrix: Air

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---------|-------|------------|-------|-------------|-------------|----------------------|
| GAS CHROMATOGRAPHY ANALYSIS I | REPORT | | | | | | |
| Oxygen | 20.83 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Nitrogen | 77.88 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Carbon Dioxide | 1.26 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Hydrogen Sulfide | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Methane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Ethane | < 0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Propane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Isobutane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| n-Butane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Isopentane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| n-Pentane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Hexanes plus | 0.03 | Mol % | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Propane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Isobutane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| n-Butane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Isopentane | < 0.001 | 01 | | 0.001 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| n-Pentane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Hexanes plus | 0.013 | | | 0.001 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| GPM Total | 0.013 | | | 0.001 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| GPM Pentanes plus | 0.013 | gpm | | 0.001 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| CALCULATED PROPERTIES | | | | | | | |
| Gross BTU per cu ft @ Std Cond. (HHV) | 1 | | | 1 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Net BTU per cu ft @ std cond. (LHV) | 1 | | | 1 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Pseudo-critical Pressure, psia | 550 | | | 1 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Pseudo-critical Temperature, deg R | 242 | | | 1 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| Specific Gravity @ 60/60F | 1.00 | | | 0.001 | | D3588-81 | 01/12/24 12:33 / jrj |
| Air, % | 95.17 | | | 0.01 | | GPA 2261-95 | 01/12/24 12:33 / jrj |
| - The analysis was not corrected for air. | | | | | | | |
| COMMENTS | | | | | | | |

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

Report RL - Analyte Reporting Limit MCL - Maximum Contaminant Level

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

01/12/24 12:33 / jrj

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

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

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



QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental Work Order: B24010462 Report Date: 01/18/24

| Analyte | | Count | Result | Units | ΡI | %RFC | Low Limit | High Limit | Bbu | RPDLimit | Qual |
|------------|-------------------|-----------|--------------|--------------|------|-----------------|--------------|---------------|------|----------|-----------|
| Method: | GPA 2261-95 | Journ | Nesun | Onits | IXL | /01 \L O | LOW LIMIT | Ingii Lilliit | INFU | | R415281 |
| Lab ID: | B24010462-001ADUP | 12 Sai | mple Duplic | ate | | | Run: GCNG | A-B 240112A | | | /24 11:25 |
| Oxygen | | - | 16.5 | Mol % | 0.01 | | 110111 00110 | ,, | 5.6 | 20 | 21 11.20 |
| Nitrogen | | | 79.0 | Mol % | 0.01 | | | | 1.6 | 20 | |
| Carbon Di | oxide | | 4.53 | Mol % | 0.01 | | | | 5.8 | 20 | |
| Hydrogen | | | <0.01 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Methane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Propane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Butane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isopentane | e | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Pentane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Hexanes p | | | 0.03 | Mol % | 0.01 | | | | 29 | 20 | R |
| Lab ID: | B24010462-002ADUP | 12 Saı | mple Duplic | ate | | | Run: GCNG | A-B_240112A | | 01/12 | /24 01:29 |
| Oxygen | | | 20.8 | Mol % | 0.01 | | | _ | 0.1 | 20 | |
| Nitrogen | | | 77.9 | Mol % | 0.01 | | | | 0 | 20 | |
| Carbon Di | oxide | | 1.25 | Mol % | 0.01 | | | | 0.8 | 20 | |
| Hydrogen | Sulfide | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Methane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Propane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Butane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isopentane | е | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Pentane |) | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Hexanes p | olus | | 0.03 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Lab ID: | LCS011224 | 11 Lat | ooratory Cor | ntrol Sample | e | | Run: GCNG | A-B_240112A | | 01/12 | /24 02:31 |
| Oxygen | | | 0.65 | Mol % | 0.01 | 130 | 70 | 130 | | | |
| Nitrogen | | | 6.51 | Mol % | 0.01 | 108 | 70 | 130 | | | |
| Carbon Di | oxide | | 1.00 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Methane | | | 74.3 | Mol % | 0.01 | 99 | 70 | 130 | | | |
| Ethane | | | 6.07 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Propane | | | 5.01 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Isobutane | | | 1.80 | Mol % | 0.01 | 90 | 70 | 130 | | | |
| n-Butane | | | 1.99 | Mol % | 0.01 | 99 | 70 | 130 | | | |
| Isopentane | е | | 0.97 | Mol % | 0.01 | 97 | 70 | 130 | | | |
| n-Pentane |) | | 0.94 | Mol % | 0.01 | 94 | 70 | 130 | | | |
| | olus | | 0.78 | Mol % | 0.01 | 98 | 70 | 130 | | | |

Qualifiers:

RL - Analyte Reporting Limit

R - Relative Percent Difference (RPD) exceeds advisory limit

ND - Not detected at the Reporting Limit (RL)



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

Work Order Receipt Checklist

Hall Environmental

B24010462

| Login completed by: | Crystal M. Jones | Date Received: 1/9/2024 | | | | | | |
|--|---------------------------------|-------------------------|------|------------------------|--------------|--|--|--|
| Reviewed by: | agilbert | | Re | ceived by: DNH | | | | |
| Reviewed Date: | 1/11/2024 | | Car | rier name: FedEx | | | | |
| Shipping container/cooler in | good condition? | Yes 🔽 | No 🗌 | Not Present | | | | |
| Custody seals intact on all sh | nipping container(s)/cooler(s)? | Yes 🔽 | No 🗌 | Not Present | | | | |
| Custody seals intact on all sa | ample bottles? | Yes | No 🗌 | Not Present ✓ | | | | |
| Chain of custody present? | | Yes √ | No 🗌 | | | | | |
| Chain of custody signed whe | en relinquished and received? | Yes ✓ | No 🗌 | | | | | |
| Chain of custody agrees with | sample labels? | Yes ✓ | No 🗌 | | | | | |
| Samples in proper container/ | /bottle? | Yes ✓ | No 🗌 | | | | | |
| Sample containers intact? | | Yes ✓ | No 🗌 | | | | | |
| Sufficient sample volume for | indicated test? | Yes ✓ | No 🗌 | | | | | |
| All samples received within h (Exclude analyses that are co such as pH, DO, Res Cl, Su | onsidered field parameters | Yes 🗹 | No 🗌 | | | | | |
| Temp Blank received in all sh | nipping container(s)/cooler(s)? | Yes | No 🗹 | Not Applicable | | | | |
| Container/Temp Blank tempe | erature: | 12.8°C No Ice | | | | | | |
| Containers requiring zero heabubble that is <6mm (1/4"). | adspace have no headspace or | Yes | No 🗌 | No VOA vials submitted | \checkmark | | | |
| Water - pH acceptable upon | receipt? | Yes 🗌 | No 🗌 | Not Applicable ✓ | | | | |

Standard Reporting Procedures:

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

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

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

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

Contact and Corrective Action Comments:

None

Website: www.hallenvironmental.com

Environment Testing 💸 eurofins

CHAIN OF CUSTODY RECORD PAGE: 1

OF:

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

ANALYTICAL COMMENTS (400) 252-6069 EMAIL. 1 Natural Gas Analysis- 02,CO2,CO FAX. 1 Natural Gas Analysis- 02,CO2,CO (406) 869-6253 # CONTAINER ACCOUNT# 1/4/2024 2:30:00 PM 1/5/2024 2:00:00 PM COLLECTION PHONE MATRIX Air Air **Energy Laboratories** BOTTLE TEDLAR TEDLAR COMPANY CLIENT SAMPLE ID 1120 South 27th Street SUB CONTRATOR Energy Labs -Billings 2401263-002B Influent 1-5-24 Billings, MT 59107 2401263-001B Influent 1-4-24 SAMPLE CITY, STATE, ZIP. ADDRESS ITEM 7

824010462

| Include the LAB ID and C you. | CLIENT SAMPLE I | D on final rep | orts. Email results to Hall.Lab@et.eu | ofinsus.com. F | or Questions email | Include the LAB ID and CLIENT SAMPLE ID on final reports. Email results to Hall Lab@et.eurofinsus.com. For Questions email Hall.samplecontrol@et.eurofinsus.com. Please return all coolers and blue ice. Than you. | ll coolers and blue ice. That |
|----------------------------------|-----------------|----------------|---------------------------------------|----------------|--------------------|--|-------------------------------|
| Relinquished By CMC | Date: 1/8/2024 | Time: 8:42 AM | Received By: | Date: | Time: | ORT TRANSMITTAL I | |
| Relinquished By: | Date: | Тте. | Received By: | Date | Time: | ☐ HARDCOPY (extra cost) ☐ FAX ☐ EM | ☐ EMAIL ☐ ONLINE |
| | | | | | | FOR LAB USE ONLY | |
| Relinquished By: | Date: | Time. | Brend Bull | Jaled | Taled Time | Ç | |
| | ļ | | | | | lemp of samples | Cool 7 |
| TAI: | Standard | RUSH | Next BD Znd BD | 3rd BD | | t | |
| | | | | | | Comments | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

110000

WO#: **2401263**

24-Jan-24

Client: HILCORP ENERGY

Project: Standard 1A

Surr: BFB

Sample ID: 2401263-001adup SampType: DUP TestCode: EPA Method 8015D: Gasoline Range

Client ID: Influent 1-4-24 Batch ID: GA102299 RunNo: 102299

Prep Date: Analysis Date: 1/8/2024 SeqNo: 3778216 Units: μg/L

100000

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO) 3600 250 5.52 20

109

15

412

0

0

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109

Sample Log-In Check List

Released to Imaging: 6/3/2024 11:22:17 AM

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

| Client Name: HILCORP El | NERGY Work | Order Number: 2 | 2401263 | | RcptNo: | |
|---|-----------------------------|------------------|-----------|-----------------|--|------------------|
| Received By: Cheyenne (| Cason 1/6/202 | 4 8:35:00 AM | | Chenl | | |
| Completed By: Cheyenne (| Cason 1/6/202 | 4 9:06:08 AM | | Cleul | | |
| Reviewed By: | = 1/8/24 | | | | | |
| rtononou by. | 1/0/21 | | | | | |
| Chain of Custody | | | | | | |
| Is Chain of Custody comple | ete? | Y | res 🗸 | No 🗌 | Not Present | |
| 2. How was the sample delive | ered? | 9 | Courier | | OV. | |
| | | | | | NA N | |
| <u>Log In</u> | | | | No V | NA TO | |
| 3. Was an attempt made to co | ool the samples? | Y | res 🗌 | NO 🗀 | PAPK 💌 | |
| 4. Were all samples received a | at a temperature of >0° C | to 6.0°C Y | res 🗌 | No 🗌 | NA 🗸 | |
| ,, | | | | | | |
| 5. Sample(s) in proper contain | ner(s)? | Y | res 🗹 | No 🗀 | | |
| 6. Sufficient sample volume fo | r indicated test(s)? | Y | es 🗹 | No 🗌 | | |
| 7. Are samples (except VOA a | | | 'es 🗸 | No 🗌 | | |
| 8. Was preservative added to l | | | es 🗌 | No 🗹 | NA 🗆 | |
| | | | | | _ | |
| 9. Received at least 1 vial with | headspace <1/4" for AQ \ | /OA? Y | es 🗌 | No 🗌 | NA 🗹 | |
| 10. Were any sample container | rs received broken? | Y | res 🗀 | No 🗸 | # of preserved | |
| 44 | | | | No 🗆 | bottles checked for pH: | |
| 11. Does paperwork match bott (Note discrepancies on chair | | Y | es 🗸 | No 🗔 | | 12 unless noted) |
| 12. Are matrices correctly identi | | Υ | es 🗸 | No 🗆 | Adjusted? | |
| 13. Is it clear what analyses wer | re requested? | Y | es 🗸 | No 🗌 | | 1/8/-11 |
| 14. Were all holding times able | | Y | es 🗸 | No 🗆 | Checked by: M | 1924 |
| (If no, notify customer for au | uthorization.) | | | _ | | |
| Special Handling (if appl | <u>licable)</u> | | | | | |
| 15. Was client notified of all dis | screpancies with this order | ? | Yes 🗌 | No 🗌 | NA 🗹 | |
| Person Notified: | | Date: | | | | |
| By Whom: | | Via: | eMail [|] Phone [] Fax | ☐ In Person | |
| Regarding: | | | | | | |
| Client Instructions: | Maiing address and phone | number are missi | ing on CO | C- TMC 1/4/24 | | |
| 16. Additional remarks: | | | | | | |
| 17. Cooler Information | | | | | | |
| Cooler No Temp °C | Condition Seal Intact | | al Date | Signed By | | |
| 1 N/A | Good Yes | NA | | | | |

Received by OCD: 4/24/2024 3:25:30 PM

| O | hain- | of-C | Chain-of-Custody Record | Turn-Around Time: | : : : | | | | I | IVI | u | | Da | ENVIRONMENTA | F | E | _ | |
|---------------------------|------------------------------|--------------------|--|----------------------------|----------------------|--------------|----------|------------------|--------|-------------------|----------|---------|---------------------------|-----------------------|------------------|----------|-----|-------------|
| Client: | Hil | Hilcord | | X Standard | □ Rush | | | V | ₹ | Z | Υ. | IS | 3 | ANALYSIS LABORATOR | \$ | <u> </u> | . ₹ | |
| | Mitch | 1 | Monall | Project Name: | | = | | | > | ww.hg | Ilenvi | ronme | www.hallenvironmental.com | mog | | | | |
| Mailing | Address | | | Stan | reland 11 | 4- | 4 | 4901 Hawkins NE | awkin | s NE | - Alb | ndner | que, N | Albuquerque, NM 87109 | 60 | | | |
| | | | | Project #: | | 1 | | [el. 50 | 5-345 | Tel. 505-345-3975 | | Fax 5(| 5-345 | 505-345-4107 | | | | |
| Phone #: | #: | | | | | | | | | | Analy | sis R | Analysis Request | , | | | | 100 |
| email or | r Fax#: n | nkillous | email or Fax#: m kill ough of hillorg. con | Project Manag | ger: | | | | | _ | †OS | | (Jue | | - | - | | |
| QA/QC Packa 区 Standard | QA/QC Package: 区 Standard | • | □ Level 4 (Full Validation) | Stuart | t Hyde- | Ensolum | | | | SWIS0 | , PO4, | | edA\tn | | | | | |
| Accreditation: | itation: AC | □ Az Co □ Other | mpliance | Sampler: On Ice: | E corroll | // No | | | | | | | | | | | | |
| | EDD (Type)_ | | | # of Coolers: | | | | | | | | | | ZC. | | _ | | |
| | | | | Cooler Temp(Including CF): | Including CF); // | (0,0) | | | | | | | | 0 | | | | |
| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL NO. | BTEX / | 08:H9T 9 1808 | EDB (V | PAHs I | Cl, F, 1 | 9260 (/ | 3) 07S8 O lstoT | (60 | | | | |
| ht-h-1 | W30 | 411 | INFluent 1-4-74 | 2 redun | | 901 | × | | | | | × | | Я | | | | |
| 66-5-1 | 1400 | 7.7 | Influent 1-5-34 | Tredlor | | 200 | × | | | - | | × | | × | e [| _ | | |
| | | | | | | | | | | | | | | | - I | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | _ | | 1 | | | | | | | | |
| | | | | | | | | | | 7 | चेत्र | | | | | 12 | | |
| | | | | | | | | | | | | | | | 7 | | | |
| | | | | | | 0.00 | | | | × | 1 | | - | | | | | $\neg \neg$ |
| | | | | | | 1 N | | | | | | | | | 18 1 | | | |
| | | | | | | | | | | | | | * | | | | | |
| | | | | | * | | | | | | | - | 3 - | 7 | 7 7 8 8 | | | |
| | | | | | | | | | | | | | - | 1. | | - | | |
| Date: | Time: | Relinquished by: | hed by: | Received by: | Via: | Date in Time | Remarks: | rks: | | | | | | | | | | |
| 1-533 | 1-5-33 14:30 | 1 | H | Care | Emr 1 | 0 | _ | CC | 0 | 200 | 9 110 | 3 | 21051 | Corroll & ensolum-Com | Co | | | |
| Date: | Time: | Relinquished by: | hed by: | Received by: | Si | Date Ime | | . |) | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 1 |

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.



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

February 01, 2024

Mitch Killough HILCORP ENERGY PO Box 4700 Farmington, NM 87499 TEL: (505) 564-0733

FAX:

RE: Standard 1 OrderNo.: 2401653

Dear Mitch Killough:

Eurofins Environment Testing South Central, LLC received 1 sample(s) on 1/17/2024 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 2/1/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent 1-12-24

 Project:
 Standard 1
 Collection Date: 1/12/2024 5:00:00 PM

 Lab ID:
 2401653-001
 Matrix: AIR
 Received Date: 1/17/2024 7:00:00 AM

| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
|----------------------------------|--------|--------|---------|-----|-----------------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | 6500 | 500 | μg/L | 100 | 1/25/2024 1:49:00 PM |
| Surr: BFB | 116 | 15-412 | %Rec | 100 | 1/25/2024 1:49:00 PM |
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: JR |
| Benzene | 22 | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Toluene | 42 | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Ethylbenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,2,4-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,3,5-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Naphthalene | ND | 10 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1-Methylnaphthalene | ND | 20 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 2-Methylnaphthalene | ND | 20 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Acetone | ND | 50 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Bromobenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Bromodichloromethane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Bromoform | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Bromomethane | ND | 10 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 2-Butanone | ND | 50 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Carbon disulfide | ND | 50 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Carbon tetrachloride | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Chlorobenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Chloroethane | ND | 10 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Chloroform | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Chloromethane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 2-Chlorotoluene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 4-Chlorotoluene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| cis-1,2-DCE | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| cis-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,2-Dibromo-3-chloropropane | ND | 10 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Dibromochloromethane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Dibromomethane | ND | 10 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,2-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,3-Dichlorobenzene | ND | 5.0 | µg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,4-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Dichlorodifluoromethane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,1-Dichloroethane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,1-Dichloroethene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported: 2/1/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent 1-12-24

 Project:
 Standard 1
 Collection Date: 1/12/2024 5:00:00 PM

 Lab ID:
 2401653-001
 Matrix: AIR
 Received Date: 1/17/2024 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|--------|----------|----|-----------------------|
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: JR |
| 1,2-Dichloropropane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,3-Dichloropropane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 2,2-Dichloropropane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,1-Dichloropropene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Hexachlorobutadiene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 2-Hexanone | ND | 50 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Isopropylbenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 4-Isopropyltoluene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 4-Methyl-2-pentanone | ND | 50 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Methylene chloride | ND | 15 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| n-Butylbenzene | ND | 15 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| n-Propylbenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| sec-Butylbenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Styrene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| tert-Butylbenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Tetrachloroethene (PCE) | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| trans-1,2-DCE | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| trans-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,2,3-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,2,4-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,1,1-Trichloroethane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,1,2-Trichloroethane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Trichloroethene (TCE) | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Trichlorofluoromethane | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| 1,2,3-Trichloropropane | ND | 10 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Vinyl chloride | ND | 5.0 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Xylenes, Total | 56 | 7.5 | μg/L | 50 | 1/25/2024 10:32:49 AM |
| Surr: Dibromofluoromethane | 71.8 | 70-130 | %Rec | 50 | 1/25/2024 10:32:49 AM |
| Surr: 1,2-Dichloroethane-d4 | 83.0 | 70-130 | %Rec | 50 | 1/25/2024 10:32:49 AM |
| Surr: Toluene-d8 | 107 | 70-130 | %Rec | 50 | 1/25/2024 10:32:49 AM |
| Surr: 4-Bromofluorobenzene | 112 | 70-130 | %Rec | 50 | 1/25/2024 10:32:49 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

ANALYTICAL SUMMARY REPORT

January 23, 2024

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

Work Order:

B24010962

Quote ID: B15626

Project Name:

Not Indicated

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 1/19/2024 for analysis.

| Lab ID | Client Sample ID | Collect Date Re | eceive Date | Matri x | Test |
|---------------|-----------------------------------|-----------------|-------------|---------|---|
| B24010962-001 | 2401653-001B, Influent 1-12-24 | 01/12/24 17:00 | 01/19/24 | Air | Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60 |

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

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

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

Report Approved By:

Gillette, WY 307.686.7175 • Helena, MT 406.442.0711



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental **Project:** Not Indicated Lab ID: B24010962-001

Client Sample ID: 2401653-001B, Influent 1-12-24

Report Date: 01/23/24 Collection Date: 01/12/24 17:00 DateReceived: 01/19/24

Matrix: Air

| GAS CHROMATOGRAPHY ANALYSIS REPORT Oxygen | | | | | | MCL/ | | |
|--|---|----------|-------|------------|-------|------|-------------|----------------------|
| Oxygen 20.53 Mol % 0.01 GPA 2261-95 01/19/24 01:14/ Nitrogen 77.88 Mol % 0.01 GPA 2261-95 01/19/24 01:14/ Carbon Dioxide 1.49 Mol % 0.01 GPA 2261-95 01/19/24 01:14/ Methane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14/ Methane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14/ Ethane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14/ Propane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14/ Isobutane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14/ Isopentane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14/ N-Pentane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14/ Hexanes plus 0.10 Mol % 0.01 GPA 2261-95 01/19/24 01:14/ Isopentane <0.001 gpm 0.001 < | Analyses | Result | Units | Qualifiers | RL | QCL | Method | Analysis Date / By |
| Nitrogen 77.88 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide 1.49 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Hydrogen Sulfide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide < 0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide Dioxide < 0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Carbon Dioxide Diox | GAS CHROMATOGRAPHY ANALYSI | S REPORT | | | | | | |
| Carbon Dioxide 1.49 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Hydrogen Sulfide <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Methane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Propane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Propane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Propane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Butane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Sopentane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Sopentane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Sopentane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Propane <0.001 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Propane <0.001 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Propane <0.001 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / Propane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / Propantane Splus 0.042 gpm | Oxygen | 20.53 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Apylorogen Sulfide | Nitrogen | 77.88 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Methane < 0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / 0:14 / | Carbon Dioxide | 1.49 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Ethane | Hydrogen Sulfide | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Propane | Methane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Separation | Ethane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Pebutane | Propane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Sepentane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / P-Pentane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / P-Pentane <0.01 Mol % 0.01 GPA 2261-95 01/19/24 01:14 / P-Pentane <0.001 GPA 2261-95 01/19/24 01:14 / P-Pentane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / P-Pentane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / P-Pentane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / P-Pentane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / P-Pentane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / P-Pentane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / P-Pentane <0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / P-Pentane <0.001 GPA 2261-95 01/19/24 01:14 / P-Pentane CPA | sobutane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Pentane | -Butane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Rexames plus | sopentane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Propane | -Pentane | <0.01 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Sobutane < 0.001 gpm 0.001 GPA 2261-95 01/19/24 01:14 / 01 | lexanes plus | 0.10 | Mol % | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| -Butane | ropane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Sepentane Country Co | sobutane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Perentane | -Butane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Separation Sep | sopentane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| GPM Total 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / 0.011 GPM Pentanes plus 0.042 gpm 0.001 GPA 2261-95 01/19/24 01:14 / 0.011 CALCULATED PROPERTIES Gross BTU per cu ft @ Std Cond. (HHV) 5 1 GPA 2261-95 01/19/24 01:14 / 0.011 See BTU per cu ft @ std cond. (LHV) 4 1 GPA 2261-95 01/19/24 01:14 / 0.011 Pseudo-critical Pressure, psia 550 1 GPA 2261-95 01/19/24 01:14 / 0.011 Specific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 0.011 | -Pentane | < 0.001 | gpm | | 0.001 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| ALCULATED PROPERTIES Foross BTU per cu ft @ Std Cond. (HHV) 5 1 GPA 2261-95 01/19/24 01:14 / 9. Seeudo-critical Pressure, psia 550 1 GPA 2261-95 01/19/24 01:14 / 9. Seeudo-critical Temperature, deg R 243 1 GPA 2261-95 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.01 0.01 D3588-81 01/19/24 01:14 / 9. Seeific Gravity @ 60/60F 1.01 0.01 0.01 0.01 0.01 0.01 0.01 0. | lexanes plus | 0.042 | gpm | | 0.001 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| CALCULATED PROPERTIES Gross BTU per cu ft @ Std Cond. (HHV) 5 1 GPA 2261-95 01/19/24 01:14 / Net BTU per cu ft @ std cond. (LHV) 4 1 GPA 2261-95 01/19/24 01:14 / Pseudo-critical Pressure, psia 550 1 GPA 2261-95 01/19/24 01:14 / Pseudo-critical Temperature, deg R 243 1 GPA 2261-95 01/19/24 01:14 / Specific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / | SPM Total | 0.042 | gpm | | 0.001 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Fross BTU per cu ft @ Std Cond. (HHV) 5 1 GPA 2261-95 01/19/24 01:14 / 1 GPA 2261-95 01/19/24 | PM Pentanes plus | 0.042 | gpm | | 0.001 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Specific Gravity @ 60/60F 4 1 GPA 2261-95 01/19/24 01:14 / 1 GPA 2261-95 01/19/24 01:14 / 01/19/24 01:14 / 2 1 GPA 2261-95 01/19/24 01:14 / 3 1 GPA 2261-95 01/19/24 01:14 / 4 1 GPA 2261-95 01/19/24 01:14 / 5 0 0 0 0 6 0 0 0 0 7 0 0 0 0 8 0 0 0 0 9 0 0 0 0 0 | CALCULATED PROPERTIES | | | | | | | |
| 2 seudo-critical Pressure, psia 550 1 GPA 2261-95 01/19/24 01:14 / 2 seudo-critical Temperature, deg R 243 1 GPA 2261-95 01/19/24 01:14 / 3 specific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / | Gross BTU per cu ft @ Std Cond. (HHV) | 5 | | | 1 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Pseudo-critical Temperature, deg R 243 1 GPA 2261-95 01/19/24 01:14 / Specific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / | let BTU per cu ft @ std cond. (LHV) | 4 | | | 1 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| Specific Gravity @ 60/60F 1.01 0.001 D3588-81 01/19/24 01:14 / | Pseudo-critical Pressure, psia | 550 | | | 1 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| | Pseudo-critical Temperature, deg R | 243 | | | 1 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| | Specific Gravity @ 60/60F | 1.01 | | | 0.001 | | D3588-81 | 01/19/24 01:14 / jrj |
| vir, % 93.81 0.01 GPA 2261-95 01/19/24 01:14 / | Air, % | 93.81 | | | 0.01 | | GPA 2261-95 | 01/19/24 01:14 / jrj |
| - The analysis was not corrected for air. | - The analysis was not corrected for air. | | | | | | | |
| COMMENTS | COMMENTS | | | | | | | |

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

RL - Analyte Reporting Limit Report MCL - Maximum Contaminant Level

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

01/19/24 01:14 / jrj

⁻ GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions. - To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.

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



QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental Work Order: B24010962 Report Date: 01/23/24

| Analyte | | Count | Result | Units | RL | %REC L | ow Limit | High Limit | RPD | RPDLimit | Qual |
|-----------|-------------------|--------|-------------|--------------|------|--------|-----------|-------------|-----|----------|-----------|
| Method: | GPA 2261-95 | | | | | | | | | Batch: | R415411 |
| Lab ID: | B24010962-001ADUP | 12 Sa | mple Duplic | ate | | F | Run: GCNG | A-B_240119A | | 01/19/ | /24 02:11 |
| Oxygen | | | 20.6 | Mol % | 0.01 | | | _ | 0.2 | 20 | |
| Nitrogen | | | 77.8 | Mol % | 0.01 | | | | 0 | 20 | |
| Carbon D | ioxide | | 1.49 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Hydrogen | n Sulfide | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Methane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Propane | | | < 0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | e | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Butane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isopentar | ne | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Pentan | е | | < 0.01 | Mol % | 0.01 | | | | | 20 | |
| Hexanes | plus | | 0.09 | Mol % | 0.01 | | | | 11 | 20 | |
| Lab ID: | LCS011924 | 11 Lai | boratory Co | ntrol Sample | | F | Run: GCNG | A-B_240119A | | 01/19/ | /24 03:01 |
| Oxygen | | | 0.64 | Mol % | 0.01 | 128 | 70 | 130 | | | |
| Nitrogen | | | 5.93 | Mol % | 0.01 | 99 | 70 | 130 | | | |
| Carbon D | ioxide | | 0.99 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Methane | | | 74.9 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Ethane | | | 6.05 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Propane | | | 4.96 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Isobutane | e | | 1.91 | Mol % | 0.01 | 95 | 70 | 130 | | | |
| n-Butane | | | 1.98 | Mol % | 0.01 | 99 | 70 | 130 | | | |
| Isopentar | ne | | 0.97 | Mol % | 0.01 | 97 | 70 | 130 | | | |
| n-Pentan | е | | 0.95 | Mol % | 0.01 | 95 | 70 | 130 | | | |
| Hexanes | plus | | 0.76 | Mol % | 0.01 | 95 | 70 | 130 | | | |

Qualifiers:

RL - Analyte Reporting Limit

 $\ensuremath{\mathsf{ND}}$ - Not detected at the Reporting Limit (RL)

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

Work Order Receipt Checklist

Hall Environmental

B24010962

| Login completed by: | Danielle N. Harris | | Date | Received: 1/19/2024 | |
|---|---------------------------------|--------------|------|------------------------|-----------|
| Reviewed by: | gmccartney | | Re | eceived by: DNH | |
| Reviewed Date: | 1/19/2024 | | Ca | rrier name: FedEx | |
| Shipping container/cooler in | good condition? | Yes ✓ | No 🗌 | Not Present | |
| Custody seals intact on all s | hipping container(s)/cooler(s)? | Yes ✓ | No 🗌 | Not Present | |
| Custody seals intact on all s | ample bottles? | Yes | No 🗌 | Not Present ✓ | |
| Chain of custody present? | | Yes ✓ | No 🗌 | | |
| Chain of custody signed who | en relinquished and received? | Yes 🗹 | No 🗌 | | |
| Chain of custody agrees with | n sample labels? | Yes ✓ | No 🗌 | | |
| Samples in proper container | /bottle? | Yes 🔽 | No 🗌 | | |
| Sample containers intact? | | Yes 🔽 | No 🗌 | | |
| Sufficient sample volume for | indicated test? | Yes ✓ | No 🗌 | | |
| All samples received within I (Exclude analyses that are c such as pH, DO, Res CI, Su | onsidered field parameters | Yes ✓ | No 🗌 | | |
| Temp Blank received in all s | hipping container(s)/cooler(s)? | Yes | No 🗸 | Not Applicable | |
| Container/Temp Blank temp | erature: | 6.0°C No Ice | | | |
| Containers requiring zero he bubble that is <6mm (1/4"). | adspace have no headspace or | Yes | No 🗌 | No VOA vials submitted | \square |
| Water - pH acceptable upon | receipt? | Yes 🗌 | No 🗌 | Not Applicable ☑ | |
| | | | | | |

Standard Reporting Procedures:

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

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

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

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

Contact and Corrective Action Comments:

None

seurofins Environment Testing

CHAIN OF CUSTODY RECORD PAGE

Y RECORD PAGE: 1 OFF: 1 Eurofins

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

| SUB CONTRATOR Ener | SUB CONTRATOR Energy Labs -Billings COMPANY: | Energy Laboratories | ies | PHONE | (406) 869-6253 | FAX: (406) 252-6069 | |
|--------------------------------------|--|---------------------|--------|---------------------|--|---------------------|--|
| ADDRESS 1120 | 1120 South 27th Street | | | ACCOUNT # | | EMAU. | |
| CITY, STATE, ZIP. Billings, MT 59107 | gs, MT 59107 | | | | | | |
| ITEM SAMPLE | CLIENT SAMPLE ID | BOTTLE | MATRIX | COLLECTION | # CONTAINERS | ANALYTICAL COMMENTS | |
| 1 2401653-001B Influent 1-12-24 | 3 Influent 1-12-24 | TEDLAR Air | | /12/2024 5:00:00 PM | 1/12/2024 5:00:00 PM 1 Natural Gas Analysis. CO2+02. | 02. | |
| | | | | | | | |

Include the LAB ID and CLIENT SAMPLE ID on final reports. Email results to Hall.Lab@et.eurofinsus.com. For Questions email Hall.samplecontrol@et.eurofinsus.com. Please return all coolers and blue ice. ONLINE Attempt to Cool ? REPORT TRANSMITTAL DESIRED: EMAIL FOR LAB USE ONLY FAX HARDCOPY (extra cost) Temp of samples SIQUE MIDIS Time. 3rd BD Date; Date: 2nd BD Next BD Received By: Received By 8:25 AM RUSH Time: Time 1/17/2024 Standard Date: Date SPECIAL INSTRUCTIONS / COMMENTS: TAT: Thank you. dinquished By Relinquished By

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401653** *01-Feb-24*

Client: HILCORP ENERGY

Project: Standard 1

Sample ID: 2401653-001adup SampType: DUP TestCode: EPA Method 8260B: Volatiles

Client ID: Influent 1-12-24 Batch ID: R102691 RunNo: 102691

| Prep Date: | Analysis D |)ate: 1/2 | 25/2024 | \$ | SeqNo: 37 | 793891 | Units: µg/L | | | |
|--------------------------------|------------|-----------|-----------|-------------|-----------|----------|-------------|------|----------|------|
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 24 | 5.0 | | | | | | 9.43 | 20 | |
| Toluene | 46 | 5.0 | | | | | | 9.10 | 20 | |
| Ethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | | | | | | 0 | 20 | |
| Naphthalene | ND | 10 | | | | | | 0 | 20 | |
| 1-Methylnaphthalene | ND | 20 | | | | | | 0 | 20 | |
| 2-Methylnaphthalene | ND | 20 | | | | | | 0 | 20 | |
| Acetone | ND | 50 | | | | | | 0 | 20 | |
| Bromobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Bromodichloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| Bromoform | ND | 5.0 | | | | | | 0 | 20 | |
| Bromomethane | ND | 10 | | | | | | 0 | 20 | |
| 2-Butanone | ND | 50 | | | | | | 0 | 20 | |
| Carbon disulfide | ND | 50 | | | | | | 0 | 20 | |
| Carbon tetrachloride | ND | 5.0 | | | | | | 0 | 20 | |
| Chlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Chloroethane | ND | 10 | | | | | | 0 | 20 | |
| Chloroform | ND | 5.0 | | | | | | 0 | 20 | |
| Chloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| 2-Chlorotoluene | ND | 5.0 | | | | | | 0 | 20 | |
| 4-Chlorotoluene | ND | 5.0 | | | | | | 0 | 20 | |
| cis-1,2-DCE | ND | 5.0 | | | | | | 0 | 20 | |
| cis-1,3-Dichloropropene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | | | | | 0 | 20 | |
| Dibromochloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| Dibromomethane | ND | 10 | | | | | | 0 | 20 | |
| 1,2-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,4-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Dichlorodifluoromethane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1-Dichloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1-Dichloroethene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |
| 2,2-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |
| | | | | | | | | | | |

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401653** *01-Feb-24*

Client: HILCORP ENERGY

Project: Standard 1

| Sample ID: 2401653-001adup | Samp | Гуре: DU | P | Tes | tCode: El | PA Method | 8260B: Volati | les | | |
|-----------------------------------|------------|-----------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| Client ID: Influent 1-12-24 | Batcl | h ID: R1 | 02691 | F | RunNo: 1 | 02691 | | | | |
| Prep Date: | Analysis [| Date: 1/2 | 25/2024 | | SeqNo: 3 | 793891 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| ,1-Dichloropropene | ND | 5.0 | | | | | | 0 | 20 | |
| Hexachlorobutadiene | ND | 5.0 | | | | | | 0 | 20 | |
| ?-Hexanone | ND | 50 | | | | | | 0 | 20 | |
| sopropylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| -Isopropyltoluene | ND | 5.0 | | | | | | 0 | 20 | |
| -Methyl-2-pentanone | ND | 50 | | | | | | 0 | 20 | |
| Methylene chloride | ND | 15 | | | | | | 0 | 20 | |
| -Butylbenzene | ND | 15 | | | | | | 0 | 20 | |
| -Propylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| ec-Butylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| ityrene | ND | 5.0 | | | | | | 0 | 20 | |
| ert-Butylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| ,1,1,2-Tetrachloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| ,1,2,2-Tetrachloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| etrachloroethene (PCE) | ND | 5.0 | | | | | | 0 | 20 | |
| rans-1,2-DCE | ND | 5.0 | | | | | | 0 | 20 | |
| ans-1,3-Dichloropropene | ND | 5.0 | | | | | | 0 | 20 | |
| ,2,3-Trichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| ,2,4-Trichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| ,1,1-Trichloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| ,1,2-Trichloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| richloroethene (TCE) | ND | 5.0 | | | | | | 0 | 20 | |
| richlorofluoromethane | ND | 5.0 | | | | | | 0 | 20 | |
| ,2,3-Trichloropropane | ND | 10 | | | | | | 0 | 20 | |
| inyl chloride | ND | 5.0 | | | | | | 0 | 20 | |
| ylenes, Total | 64 | 7.5 | | | | | | 12.8 | 20 | |
| Surr: Dibromofluoromethane | 36 | | 50.00 | | 72.2 | 70 | 130 | 0 | 0 | |
| Surr: 1,2-Dichloroethane-d4 | 41 | | 50.00 | | 82.4 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 51 | | 50.00 | | 102 | 70 | 130 | 0 | 0 | |
| | | | | | | | | - | | |

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

56

50.00

B Analyte detected in the associated Method Blank

112

70

130

- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Environment Testin

Eurofins Environment Testing South Central, LLC

4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

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| Client Name: HILCORP ENERGY | Work Order Nur | mber: 2401653 | | RcptNo: 1 | |
|--|-----------------------------|---------------------|---------------|--|-----------------|
| Received By: Tracy Casarrubias | 1/17/2024 7:00:00 |) AM | | | |
| Completed By: Tracy Casarrubias | 1/17/2024 7:49:50 |) AM | | | |
| Reviewed By: SCM 1/17/ | 24 | | | | |
| Chain of Custody | | | | | |
| 1. Is Chain of Custody complete? | | Yes | No 🗸 | Not Present 🗌 | |
| 2. How was the sample delivered? | | Courier | | | |
| Log In | | Ves | No 🗹 | NA 🗌 | |
| Was an attempt made to cool the s | ampies? | Yes 🗌 | NO I | NA L | |
| 4. Were all samples received at a tem | perature of >0° C to 6.0°C | Yes 🗌 | No 🗆 | NA 🗸 | |
| 5. Sample(s) in proper container(s)? | | Yes 🗹 | No 🗌 | | |
| 6. Sufficient sample volume for indicat | ed test(s)? | Yes 🗸 | No 🗌 | | |
| 7. Are samples (except VOA and ONG | b) properly preserved? | Yes 🗸 | No 🗌 | | |
| 8. Was preservative added to bottles? | | Yes | No 🗸 | NA 🗌 | |
| 9. Received at least 1 vial with headsp | ace <1/4" for AQ VOA? | Yes | No 🗌 | NA 🗹 | |
| 10. Were any sample containers receiv | ed broken? | Yes 🗌 | No ✓ | f of preserved | |
| 11. Does paperwork match bottle labels (Note discrepancies on chain of cus | | Yes 🗸 | | oottles checked or pH: (<2 or >1 | 2 unless noted) |
| 12. Are matrices correctly identified on | Chain of Custody? | Yes 🗸 | No 🗆 | Adjusted? | |
| 13. Is it clear what analyses were reque | sted? | Yes 🗹 | No 🗌 | | 1-1-1 |
| Were all holding times able to be m (If no, notify customer for authorizat | | Yes 🗹 | No 🗌 | enecked by: | ~ 1/11/24 |
| Special Handling (if applicable | <u>)</u> | | | | |
| 15. Was client notified of all discrepand | cies with this order? | Yes 🗌 | No 🗆 | NA 🗹 | |
| Person Notified: | Dat | te: | | | |
| By Whom: | Via | : eMail l | Phone 🗌 Fax 📗 | In Person | |
| Regarding: | | | | | |
| Client Instructions: Mailing | address, phone number and l | Email/Fax are missi | ng on COC-TMC | 1/17/24 | |
| 16. Additional remarks: | | | | | |
| 17. Cooler Information | y 2 | | | | |
| Cooler No Temp °C Condi | | Seal Date | Signed By | | |
| 1 N/A Good | Yes | | | | |

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| Chain-of-Custody Record | Turn-Around Time: | HAII ENVIDONMENTAL |
|--|-------------------------------------|--|
| Client: Hill Poch | Standard □ Rush | ANALYSIS LABORATORY |
| Ath Mitch Killongh | 100 | www.hallenvironmental.com |
| Mailing Address: | in man ar | 4901 Hawkins NE - Albuquerque, NM 87109 |
| | Project #: | Tel. 505-345-3975 Fax 505-345-4107 |
| Phone #: | | Analysis Request |
| email or Fax#: | Project Manager: | [†] 09 |
| age: | Sturt Hyde | SIMS SIMS |
| | N. T. | 82 F F S S S S S S S S S S S S S S S S S |
| Accreditation: | Sampler: Samme No Di No | 508/80 504.1 504.1 504.1 500.3 |
| □ EDD (Type) | # of Coolers: | od : |
| | Cooler Temp(including CF): N/A (°C) | estideth Meth by 83 8 Ma 8r, 1 8r, 1 |
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Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

February 08, 2024

Mitch Killough HILCORP ENERGY PO Box 4700 Farmington, NM 87499 TEL: (505) 564-0733

FAX:

RE: Standard 1 OrderNo.: 2401822

Dear Mitch Killough:

Eurofins Environment Testing South Central, LLC received 1 sample(s) on 1/19/2024 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Analytical ReportLab Order **2401822**

Date Reported: 2/8/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: Influent 1-18-24

Project: Standard 1

Collection Date: 1/18/2024 3:15:00 PM

Lab ID: 2401822-001 **Matrix:** AIR **Received Date:** 1/19/2024 8:00:00 AM

| Analyses | Result | RL Qua | d Units | DF | Date Analyzed |
|----------------------------------|--------|--------|---------|-----|----------------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | 2700 | 500 | μg/L | 100 | 1/26/2024 2:22:00 PM |
| Surr: BFB | 114 | 15-412 | %Rec | 100 | 1/26/2024 2:22:00 PM |
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: CCM |
| Benzene | 21 | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Toluene | 28 | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Ethylbenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,2,4-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,3,5-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Naphthalene | ND | 10 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1-Methylnaphthalene | ND | 20 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 2-Methylnaphthalene | ND | 20 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Acetone | ND | 50 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Bromobenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Bromodichloromethane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Bromoform | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Bromomethane | ND | 10 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 2-Butanone | ND | 50 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Carbon disulfide | ND | 50 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Carbon tetrachloride | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Chlorobenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Chloroethane | ND | 10 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Chloroform | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Chloromethane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 2-Chlorotoluene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 4-Chlorotoluene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| cis-1,2-DCE | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| cis-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,2-Dibromo-3-chloropropane | ND | 10 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Dibromochloromethane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Dibromomethane | ND | 10 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,2-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,3-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,4-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Dichlorodifluoromethane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,1-Dichloroethane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,1-Dichloroethene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Analytical ReportLab Order **2401822**

Date Reported: 2/8/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Influent 1-18-24

 Project:
 Standard 1
 Collection Date: 1/18/2024 3:15:00 PM

 Lab ID:
 2401822-001
 Matrix: AIR
 Received Date: 1/19/2024 8:00:00 AM

| Analyses | Result | RL (| Qual Units | DF | Date Analyzed |
|-----------------------------|--------|--------|------------|----|----------------------|
| EPA METHOD 8260B: VOLATILES | | | | | Analyst: CCM |
| 1,2-Dichloropropane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,3-Dichloropropane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 2,2-Dichloropropane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,1-Dichloropropene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Hexachlorobutadiene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 2-Hexanone | ND | 50 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Isopropylbenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 4-Isopropyltoluene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 4-Methyl-2-pentanone | ND | 50 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Methylene chloride | ND | 15 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| n-Butylbenzene | ND | 15 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| n-Propylbenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| sec-Butylbenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Styrene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| tert-Butylbenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Tetrachloroethene (PCE) | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| trans-1,2-DCE | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| trans-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,2,3-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,2,4-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,1,1-Trichloroethane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,1,2-Trichloroethane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Trichloroethene (TCE) | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Trichlorofluoromethane | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| 1,2,3-Trichloropropane | ND | 10 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Vinyl chloride | ND | 5.0 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Xylenes, Total | 10 | 7.5 | μg/L | 50 | 2/1/2024 12:01:00 PM |
| Surr: Dibromofluoromethane | 101 | 70-130 | %Rec | 50 | 2/1/2024 12:01:00 PM |
| Surr: 1,2-Dichloroethane-d4 | 99.9 | 70-130 | %Rec | 50 | 2/1/2024 12:01:00 PM |
| Surr: Toluene-d8 | 108 | 70-130 | %Rec | 50 | 2/1/2024 12:01:00 PM |
| Surr: 4-Bromofluorobenzene | 135 | 70-130 | S %Rec | 50 | 2/1/2024 12:01:00 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

ANALYTICAL SUMMARY REPORT

January 30, 2024

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

Work Order:

B24011068

Quote ID: B15626

Project Name:

Not Indicated

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 1/23/2024 for analysis.

| Lab ID | Client Sample ID | Collect Date Receive | Date Matrix | Test |
|---------------|-----------------------------------|----------------------|-------------|---|
| B24011068-001 | 2401822-001B, Influent 1-18-24 | 01/18/24 15:15 01/2 | 3/24 Air | Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60 |

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

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

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

Report Approved By:

GAS CHROMATOGRAPHY ANALYSIS REPORT

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

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Qualifiers

Result Units

21.30 Mol %

78.23 Mol %

0.42 Mol %

<0.01 Mol %

0.04 Mol %

< 0.001 gpm

0.017 gpm

0.017 gpm

0.017 gpm

2

2

546

240

1.00

97.31

Client: Hall Environmental
Project: Not Indicated
Lab ID: B24011068-001

Analyses

Nitrogen

Methane

Ethane

Propane

Isobutane

n-Butane

Propane

Isobutane

n-Butane

Isopentane

n-Pentane

GPM Total

Hexanes plus

GPM Pentanes plus

Isopentane n-Pentane

Hexanes plus

Carbon Dioxide

Hydrogen Sulfide

Client Sample ID: 2401822-001B, Influent 1-18-24

Report Date: 01/30/24

Collection Date: 01/18/24 15:15

DateReceived: 01/23/24

Matrix: Air

MCL/ RL QCL Method Analysis Date / By 0.01 GPA 2261-95 01/26/24 11:35 / jrj 0.01 GPA 2261-95 01/26/24 11:35 / jrj 0.0101/26/24 11:35 / jrj GPA 2261-95 0.01 GPA 2261-95 01/26/24 11:35 / jrj 0.01 GPA 2261-95 01/26/24 11:35 / jrj 0.01 01/26/24 11:35 / jrj GPA 2261-95 01/26/24 11:35 / jrj 0.01 GPA 2261-95 0.01 GPA 2261-95 01/26/24 11:35 / jrj 0.001 GPA 2261-95 01/26/24 11:35 / jrj 0.001 GPA 2261-95 01/26/24 11:35 / jrj 0.001 GPA 2261-95 01/26/24 11:35 / iri 0.001 GPA 2261-95 01/26/24 11:35 / jrj 0.001 GPA 2261-95 01/26/24 11:35 / jrj 01/26/24 11:35 / jrj 0.001 GPA 2261-95 0.001 GPA 2261-95 01/26/24 11:35 / jrj 0.001 GPA 2261-95 01/26/24 11:35 / jrj GPA 2261-95 01/26/24 11:35 / jrj 1 GPA 2261-95 01/26/24 11:35 / jrj 1

GPA 2261-95

GPA 2261-95

GPA 2261-95

D3588-81

01/26/24 11:35 / jrj

01/26/24 11:35 / jrj

01/26/24 11:35 / jrj

01/26/24 11:35 / jrj

The analysis was not corrected for air.

CALCULATED PROPERTIES
Gross BTU per cu ft @ Std Cond. (HHV)

Net BTU per cu ft @ std cond. (LHV)

Pseudo-critical Temperature, deg R

Pseudo-critical Pressure, psia

Specific Gravity @ 60/60F

COMMENTS

Air. %

- 01/26/24 11:35 / jrj

1

1

0.001

0.01

Report RL - Analyte Reporting Limit MCL - Maximum Contaminant Level

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

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

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

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

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



QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental Work Order: B24011068 Report Date: 01/30/24

| Onchi. i | ian Environmental | | | | WOIR OIGCI. | DZ-70 I | 1000 | itopoi | t Date. | 01/00/2- | |
|------------|-------------------|--------|--------------|--------------|-------------|---------|-----------|-------------|---------|----------|-----------|
| Analyte | | Count | Result | Units | RL | %REC | Low Limit | High Limit | RPD | RPDLimit | Qual |
| Method: | GPA 2261-95 | | | | | | | | | Batch: | : R41572 |
| Lab ID: | LCS012624 | 11 Lab | oratory Cor | ntrol Sample | | | Run: GCNG | A-B_240126A | | 01/26 | /24 02:28 |
| Oxygen | | | 0.64 | Mol % | 0.01 | 128 | 70 | 130 | | | |
| Nitrogen | | | 6.37 | Mol % | 0.01 | 106 | 70 | 130 | | | |
| Carbon Dio | xide | | 0.99 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Methane | | | 75.2 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Ethane | | | 6.08 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Propane | | | 4.48 | Mol % | 0.01 | 91 | 70 | 130 | | | |
| Isobutane | | | 1.60 | Mol % | 0.01 | 80 | 70 | 130 | | | |
| n-Butane | | | 2.03 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Isopentane | | | 0.97 | Mol % | 0.01 | 97 | 70 | 130 | | | |
| n-Pentane | | | 0.85 | Mol % | 0.01 | 85 | 70 | 130 | | | |
| Hexanes pl | us | | 0.81 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Lab ID: | B24011070-001ADUP | 12 Sar | nple Duplic | ate | | | Run: GCNG | A-B_240126A | | 01/26 | /24 01:16 |
| Oxygen | | | 21.8 | Mol % | 0.01 | | | | 0.1 | 20 | |
| Nitrogen | | | 78.0 | Mol % | 0.01 | | | | 0 | 20 | |
| Carbon Dio | xide | | 0.17 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Hydrogen S | Sulfide | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Methane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Propane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Butane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isopentane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Pentane | | | \0.01 | IVIOI 70 | 0.01 | | | | | | |

Qualifiers:

RL - Analyte Reporting Limit

 $\ensuremath{\mathsf{ND}}$ - Not detected at the Reporting Limit (RL)

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

Work Order Receipt Checklist

Hall Environmental

B24011068

| Login completed by: | Addison A. Gilbert | | Date F | Received: 1/23/2024 |
|---|---------------------------------|---------------|--------|------------------------|
| Reviewed by: | ysmith | | Red | eived by: CMJ |
| Reviewed Date: | 1/23/2024 | | Carr | ier name: FedEx |
| Shipping container/cooler in | good condition? | Yes ✓ | No 🗌 | Not Present |
| Custody seals intact on all sh | nipping container(s)/cooler(s)? | Yes 🔽 | No 🗌 | Not Present |
| Custody seals intact on all sa | ample bottles? | Yes | No 🗌 | Not Present ✓ |
| Chain of custody present? | | Yes 🔽 | No 🗌 | |
| Chain of custody signed whe | n relinquished and received? | Yes 🔽 | No 🗌 | |
| Chain of custody agrees with | sample labels? | Yes 🔽 | No 🗌 | |
| Samples in proper container/ | bottle? | Yes 🔽 | No 🗌 | |
| Sample containers intact? | | Yes 🔽 | No 🗌 | |
| Sufficient sample volume for | indicated test? | Yes 🔽 | No 🗌 | |
| All samples received within h (Exclude analyses that are co such as pH, DO, Res Cl, Sul | onsidered field parameters | Yes 🗸 | No 🗌 | |
| Temp Blank received in all sh | nipping container(s)/cooler(s)? | Yes | No 🗹 | Not Applicable |
| Container/Temp Blank tempe | erature: | 11.2°C No Ice | | |
| Containers requiring zero heabubble that is <6mm (1/4"). | adspace have no headspace or | Yes | No 🗌 | No VOA vials submitted |
| Water - pH acceptable upon | receipt? | Yes | No 🗌 | Not Applicable 🗸 |
| | | | | |

Standard Reporting Procedures:

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

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

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

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

Contact and Corrective Action Comments:

None

Environment Testing 💸 eurofins

CHAIN OF CUSTODY RECORD PAGE:

OF:

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

| (406) 252-6069 | | | ANALYTICAL COMMENTS | |
|---|------------------------|--------------------------------------|---------------------|---------------------------------|
| FAX. | EMAIL. | | NALYTICA | 02+02 |
| (406) 869-6253 | | | 4 | 1 Natual Gas Analysis CO2+02 |
| PHONE | ACCOUNT# | | COLLECTION PRINCES | /18/2024 3:15:00 PM |
| Sea | | | MATRIX | Air 1/ |
| Energy Laboratories | | | BOITLE | TEDLAR |
| SUB CONTRATOR. Energy Labs -Billings COMPANY: | 1120 South 27th Street | s, MT 59107 | CLIENT SAMPLE ID | influent 1-18-24 |
| NTRATOR Energy | | CITY, STATE, ZIP. Billings, MT 59107 | SAMPLE | 1 2401822-001B Influent 1-18-24 |
| SUBCO | ADDRESS | CITY, ST | ITEM | н |

854011008

ONLINE

☐ EMAIL

☐ HARDCOPY (extra cost)

FOR LAB USE ONLY □ FAX

Attempt to Cool ?

Temp of samples

Date 777 18950

3rd BD

2nd BD

Next BD

RUSH

Standard |

TAT:

Time.

Date.

Received By

Time

Date. Date

Relinquished By. Relinquished By.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2401822 08-Feb-24

WO#:

Client: HILCORP ENERGY

Project: Standard 1

Sample ID: 2401822-001adup SampType: DUP TestCode: EPA Method 8260B: Volatiles

Client ID: Influent 1-18-24 Batch ID: R102809 RunNo: 102809

| Prep Date: | Analysis [| Date: 2 / | 1/2024 | 5 | SeqNo: 37 | 799708 | Units: µg/L | | | |
|--------------------------------|------------|------------------|-----------|-------------|-----------|----------|-------------|------|----------|------|
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 21 | 5.0 | | | | | | 1.57 | 20 | |
| Toluene | 28 | 5.0 | | | | | | 2.82 | 20 | |
| Ethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | | | | | | 0 | 20 | |
| Naphthalene | ND | 10 | | | | | | 0 | 20 | |
| 1-Methylnaphthalene | ND | 20 | | | | | | 0 | 20 | |
| 2-Methylnaphthalene | ND | 20 | | | | | | 0 | 20 | |
| Acetone | ND | 50 | | | | | | 0 | 20 | |
| Bromobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Bromodichloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| Bromoform | ND | 5.0 | | | | | | 0 | 20 | |
| Bromomethane | ND | 10 | | | | | | 0 | 20 | |
| 2-Butanone | ND | 50 | | | | | | 0 | 20 | |
| Carbon disulfide | ND | 50 | | | | | | 0 | 20 | |
| Carbon tetrachloride | ND | 5.0 | | | | | | 0 | 20 | |
| Chlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Chloroethane | ND | 10 | | | | | | 0 | 20 | |
| Chloroform | ND | 5.0 | | | | | | 0 | 20 | |
| Chloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| 2-Chlorotoluene | ND | 5.0 | | | | | | 0 | 20 | |
| 4-Chlorotoluene | ND | 5.0 | | | | | | 0 | 20 | |
| cis-1,2-DCE | ND | 5.0 | | | | | | 0 | 20 | |
| cis-1,3-Dichloropropene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | | | | | 0 | 20 | |
| Dibromochloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| Dibromomethane | ND | 10 | | | | | | 0 | 20 | |
| 1,2-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,4-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Dichlorodifluoromethane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1-Dichloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1-Dichloroethene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |
| 2,2-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401822 08-Feb-24**

Client: HILCORP ENERGY

Project: Standard 1

| Sample ID: 2401822-001adu | Samn | Гуре: DU | D | Tac | tCode: Er | DA Mothed | 8260B: Volati | loc | | |
|----------------------------------|------------|------------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| • | | | | | | | ozoub: voiati | ies | | |
| Client ID: Influent 1-18-24 | | h ID: R1 | | | RunNo: 10 | | | | | |
| Prep Date: | Analysis [| Date: 2 / | 1/2024 | \$ | SeqNo: 3 | 799708 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,1-Dichloropropene | ND | 5.0 | | | | | | 0 | 20 | |
| Hexachlorobutadiene | ND | 5.0 | | | | | | 0 | 20 | |
| 2-Hexanone | ND | 50 | | | | | | 0 | 20 | |
| sopropylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 4-Isopropyltoluene | ND | 5.0 | | | | | | 0 | 20 | |
| 1-Methyl-2-pentanone | ND | 50 | | | | | | 0 | 20 | |
| Methylene chloride | ND | 15 | | | | | | 0 | 20 | |
| n-Butylbenzene | ND | 15 | | | | | | 0 | 20 | |
| n-Propylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| sec-Butylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Styrene | ND | 5.0 | | | | | | 0 | 20 | |
| ert-Butylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| ,1,1,2-Tetrachloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| ,1,2,2-Tetrachloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| Tetrachloroethene (PCE) | ND | 5.0 | | | | | | 0 | 20 | |
| rans-1,2-DCE | ND | 5.0 | | | | | | 0 | 20 | |
| rans-1,3-Dichloropropene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1,1-Trichloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1,2-Trichloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| Trichloroethene (TCE) | ND | 5.0 | | | | | | 0 | 20 | |
| Trichlorofluoromethane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2,3-Trichloropropane | ND | 10 | | | | | | 0 | 20 | |
| /inyl chloride | ND | 5.0 | | | | | | 0 | 20 | |
| (ylenes, Total | 9.9 | 7.5 | | | | | | 5.61 | 20 | |
| Surr: Dibromofluoromethane | 52 | | 50.00 | | 103 | 70 | 130 | 0 | 0 | |
| Surr: 1,2-Dichloroethane-d4 | 51 | | 50.00 | | 102 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 53 | | 50.00 | | 106 | 70 | 130 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 67 | | 50.00 | | 133 | 70 | 130 | 0 | 0 | S |

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109

Sample Log-In Check List

Released to Imaging: 6/3/2024 11:22:17 AM

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

| Client Name: | : HILCORP | ENERGY | Work | Order Numl | ber: 2401822 | | RcptNo | : 1 |
|-------------------|------------------------------------|------------------|------------------|-------------|--------------|-----------|----------------------------|---------------------|
| Received By | : Cheyenne | e Cason | 1/19/20 | 24 8:00:00 | AM | Chul | | |
| Completed B | y: Cheyenne | e Cason | 1/19/20 | 24 11:54:00 | AM | Chul | | |
| Reviewed By | : 1/1 1-19 | 7-24 | | | | | | |
| | | | | | | | | |
| Chain of C | ustodv | | | | | | | |
| | f Custody comp | elete? | | | Yes 🗹 | No 🗌 | Not Present | |
| 2. How was t | he sample deliv | vered? | | | Courier | or con / | phy | |
| Log In | | | | | 18 | υ· | | 4 |
| 3. Was an at | tempt made to | cool the samp | es? | | Yes 🗸 | No 🗔 | NA | |
| 4. Were all sa | amples received | d at a tempera | ture of >0° C t | o 6.0°C | Yes | No 🗌 | NA 🗹 | |
| 5. Sample(s) | in proper conta | iner(s)? | | | Yes 🔽 | No 🗌 | | |
| 6. Sufficient s | sample volume | for indicated te | est(s)? | | Yes 🗹 | No 🗌 | | |
| | es (except VOA | | | d? | Yes 🗸 | No 🗆 | | |
| 8. Was prese | rvative added to | o bottles? | | | Yes | No 🗹 | NA 🗆 | |
| 0 | | | | | \Box | N- [] | NA 🗹 | |
| | at least 1 vial wi | | | OA? | Yes 🗌 | No 🗔 | NA 💌 | |
| 10. Were any | sample contain | ers received b | roken? | | Yes 🗔 | No 🗹 | # of preserved | |
| | rwork match bo | |) | | Yes 🗹 | No 🗆 | bottles checked for pH: | r >12 unless noted) |
| 12. Are matrice | es correctly ider | ntified on Chai | n of Custody? | | Yes 🔽 | No 🗌 | Adjusted? | |
| 13. Is it clear w | vhat analyses w | ere requested | ? | | Yes 🗸 | No 🗌 | / | 777 110/201 |
| | olding times abl y customer for | | | | Yes 🗹 | No 🗔 | Checked by: | 2 1/19/24 |
| Special Har | ndling (if ap | plicable) | | | | | | |
| 15. Was clien | t notified of all o | liscrepancies v | vith this order? | | Yes 🗌 | No 🗌 | NA 🗹 | |
| Pers | son Notified: | | | Date | | | | |
| By V | Vhom: | · | | Via: | eMail | Phone Fax | In Person | |
| Reg | arding: | | | | | | | |
| Clier | nt Instructions: | J | | | | | | |
| 16. Additional | I remarks: | | | | | | | |
| 17. Cooler In | formation | | | | | | | |
| Cooler | No Temp °C | | Seal Intact | Seal No | Seal Date | Signed By | | |
| 1 | NA | Good | Yes | NA | | | | |

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| Chain-of-Custody Record | Turn-Around Time: | INTERNATION INTERNATION |
|--|---|--|
| Client: Hilcon | Standard 🗆 Rush | ANALYSTS LABORATORY |
| Athr. Mitch Killough | | www.hallenvironmental.com |
| | Standard # 1 | 4901 Hawkins NE - Albuquerque, NM 87109 |
| | Project #: | Tel. 505-345-3975 Fax 505-345-4107 |
| Phone #: | | Analysis Request |
| email or Fax#: | Project Manager: | (O) |
| QA/QC Package: | Stuart High | Apsection of the second of the |
| ☐ Standard ☐ Level 4 (Full Validation) | 4 | . 150д Од 7 |
| on: 🗆 Az Compliance | D. During | (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) |
| □ Other | On Ice: BY Yes DNO MAN | OS 3/26 3/26 10 (2/09 10 (3/26 10 (4/20 10 |
| □ EDD (Type) | # of Coolers: (a. NA | bodelside |
| | Cooler Temp(Including CF): 8.5 - C: | 15E estice Meth yy 8: 8 MM 8 MM 7E, 75 |
| | Containor Processive HEAL NO | 1:80 1 P-3 3 (M-45 b 3 (M-45 b 1:80 0 (V-6) 1:80 1:80 1:80 1:80 1:80 1:80 1:80 1:80 |
| Date Time Matrix Sample Name | Type and # Type | TPH 808 ED# 826 104, 1 826 104, 1 104 104 104 104 104 104 104 104 104 10 |
| 4 15-15 Arr | NA VA | X |
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| Date: Time: A Relinquished by: | Via: Date | co: shy de PASOLUM. COM! |
| TELEVISION LEVEL IN THE REAL PRINCES | Courses 119/24 | Lourns |
| semples submitted to Hall Environme | tories. | This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. |

Released to Imaging: 63/2024 11:22:17 AM



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

February 22, 2024

Mitch Killough Hilcorp Energy PO Box 61529 Houston, TX 77208-1529

TEL: (337) 276-7676

FAX:

RE: Standard OrderNo.: 2402485

Dear Mitch Killough:

Eurofins Environment Testing South Central, LLC received 1 sample(s) on 2/9/2024 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2402485

Date Reported: 2/22/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Hilcorp Energy Client Sample ID: Influent 2-8-24

 Project:
 Standard
 Collection Date: 2/8/2024 12:00:00 PM

 Lab ID:
 2402485-001
 Matrix: AIR
 Received Date: 2/9/2024 6:35:00 AM

| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
|------------------------------------|--------|--------|------------|----|-----------------------|---------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | : JJP |
| Gasoline Range Organics (GRO) | 2200 | 250 | μg/L | 50 | 2/15/2024 11:45:49 AM | GW 1031 |
| Surr: BFB | 113 | 15-412 | %Rec | 50 | 2/15/2024 11:45:49 AM | GW 1031 |
| EPA METHOD 8260B: VOLATILES | | | | | Analyst | ССМ |
| Benzene | 19 | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Toluene | 31 | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Ethylbenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,2,4-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,3,5-Trimethylbenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Naphthalene | ND | 10 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1-Methylnaphthalene | ND | 20 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 2-Methylnaphthalene | ND | 20 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Acetone | ND | 50 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Bromobenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Bromodichloromethane | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Bromoform | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Bromomethane | ND | 10 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 2-Butanone | ND | 50 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Carbon disulfide | ND | 50 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Carbon tetrachloride | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Chlorobenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Chloroethane | ND | 10 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Chloroform | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Chloromethane | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 2-Chlorotoluene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 4-Chlorotoluene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| cis-1,2-DCE | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| cis-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,2-Dibromo-3-chloropropane | ND | 10 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Dibromochloromethane | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Dibromomethane | ND | 10 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,2-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,3-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,4-Dichlorobenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Dichlorodifluoromethane | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,1-Dichloroethane | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,1-Dichloroethene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Analytical ReportLab Order **2402485**

Date Reported: 2/22/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Hilcorp Energy Client Sample ID: Influent 2-8-24

 Project:
 Standard
 Collection Date: 2/8/2024 12:00:00 PM

 Lab ID:
 2402485-001
 Matrix: AIR
 Received Date: 2/9/2024 6:35:00 AM

| EPA METHOD 8260B: VOLATILES 1,2-Dichloropropane 1,3-Dichloropropane | ND ND ND ND | 5.0 5.0 5.0 5.0 | μg/L μg/L μg/L | 50 50 | Analys: 2/12/2024 2:40:00 PM | t: CCM R103021 |
|---|----------------------|--------------------------|----------------------|----------|------------------------------|--------------------------|
| | ND ND ND | 5.0 5.0 | μg/L | 50 | | R103021 |
| 1,3-Dichloropropane | ND ND | 5.0 | | | 0/40/0004 0 40 00 DM | |
| | ND | | ua/L | | 2/12/2024 2:40:00 PM | R103021 |
| 2,2-Dichloropropane | | 5.0 | J | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,1-Dichloropropene | ND | | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Hexachlorobutadiene | | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 2-Hexanone | ND | 50 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Isopropylbenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 4-Isopropyltoluene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 4-Methyl-2-pentanone | ND | 50 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Methylene chloride | ND | 15 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| n-Butylbenzene | ND | 15 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| n-Propylbenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| sec-Butylbenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Styrene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| tert-Butylbenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Tetrachloroethene (PCE) | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| trans-1,2-DCE | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| trans-1,3-Dichloropropene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,2,3-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,2,4-Trichlorobenzene | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,1,1-Trichloroethane | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,1,2-Trichloroethane | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Trichloroethene (TCE) | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Trichlorofluoromethane | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| 1,2,3-Trichloropropane | ND | 10 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Vinyl chloride | ND | 5.0 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Xylenes, Total | 34 | 7.5 | μg/L | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Surr: Dibromofluoromethane | 93.1 | 70-130 | %Rec | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Surr: 1,2-Dichloroethane-d4 | 84.7 | 70-130 | %Rec | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Surr: Toluene-d8 | 109 | 70-130 | %Rec | 50 | 2/12/2024 2:40:00 PM | R103021 |
| Surr: 4-Bromofluorobenzene | 103 | 70-130 | %Rec | 50 | 2/12/2024 2:40:00 PM | R103021 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

ANALYTICAL SUMMARY REPORT

February 21, 2024

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

Work Order:

B24020812

Quote ID: B15626

Project Name: Not Indicated

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 2/13/2024 for analysis.

| Lab ID | Client Sample ID | Collect Date Receive | e Date Matrix | Test |
|---------------|----------------------------------|----------------------|---------------|---|
| B24020812-001 | 2402485-001B, Influent 2-8-24 | 02/08/24 12:00 02/ | 13/24 Air | Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60 |

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

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

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

Report Approved By:

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

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Qualifiers

Result Units

21.33 Mol %

78.12 Mol %

0.51 Mol %

<0.01 Mol %

0.04 Mol %

< 0.001 gpm

0.017 gpm

0.017 gpm

0.017 gpm

2

2

546

240

1.00

97.47

RL

0.01

0.01

0.01

0.01

0.01

0.01

0.01

0.01

0.01

0.01

0.01

0.01

0.001

0.001

0.001

0.001

0.001

0.001

0.001

0.001

1

1

1

1

0.001

0.01

Client: Hall Environmental
Project: Not Indicated
Lab ID: B24020812-001

Analyses

Nitrogen

Methane

Ethane

Propane

Isobutane

n-Butane

Propane

Isobutane

n-Butane

Isopentane

n-Pentane

GPM Total

Hexanes plus

GPM Pentanes plus

Isopentane n-Pentane

Hexanes plus

Carbon Dioxide

Hydrogen Sulfide

Client Sample ID: 2402485-001B, Influent 2-8-24

GAS CHROMATOGRAPHY ANALYSIS REPORT

Report Date: 02/21/24

Collection Date: 02/08/24 12:00

DateReceived: 02/13/24

Matrix: Air MCL/ QCL Method Analysis Date / By GPA 2261-95 02/15/24 10:04 / jrj GPA 2261-95 02/15/24 10:04 / iri 02/15/24 10:04 / jrj GPA 2261-95 GPA 2261-95 02/15/24 10:04 / jrj GPA 2261-95 02/15/24 10:04 / jrj 02/15/24 10:04 / jrj GPA 2261-95 02/15/24 10:04 / jrj GPA 2261-95 GPA 2261-95 02/15/24 10:04 / jrj GPA 2261-95 02/15/24 10:04 / iri GPA 2261-95 02/15/24 10:04 / jrj GPA 2261-95 02/15/24 10:04 / jrj

GPA 2261-95

GPA 2261-95

GPA 2261-95

GPA 2261-95

D3588-81

The analysis was not corrected for air.

CALCULATED PROPERTIES
Gross BTU per cu ft @ Std Cond. (HHV)

Net BTU per cu ft @ std cond. (LHV)

Pseudo-critical Temperature, deg R

Pseudo-critical Pressure, psia

Specific Gravity @ 60/60F

COMMENTS

Air. %

- 02/15/24 10:04 / jrj

Report RL - Analyte Reporting Limit MCL - Maximum Contaminant Level

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

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

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

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

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



QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental Work Order: B24020812 Report Date: 02/21/24

| Analyte | | Count | Result | Units | RL | %REC L | ow Limit | High Limit | RPD | RPDLimit | Qual |
|-----------|-------------------|--------|-------------|--------------|------|--------|----------|-------------|-----|----------|----------|
| Method: | GPA 2261-95 | | | | | | | | | Batch: | R416751 |
| Lab ID: | B24020812-001ADUP | 12 San | nple Duplic | ate | | R | un: GCNG | A-B_240215A | | 02/15/ | 24 11:43 |
| Oxygen | | | 19.6 | Mol % | 0.01 | | | | 8.4 | 20 | |
| Nitrogen | | | 79.9 | Mol % | 0.01 | | | | 2.2 | 20 | |
| Carbon D | ioxide | | 0.47 | Mol % | 0.01 | | | | 8.2 | 20 | |
| Hydroger | Sulfide | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Methane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Ethane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Propane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isobutane | e | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Butane | | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Isopentar | ne | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| n-Pentan | е | | <0.01 | Mol % | 0.01 | | | | | 20 | |
| Hexanes | plus | | 0.04 | Mol % | 0.01 | | | | 0.0 | 20 | |
| Lab ID: | LCS021524 | 11 Lab | oratory Cor | ntrol Sample | | R | un: GCNG | A-B_240215A | | 02/15/ | 24 01:23 |
| Oxygen | | | 0.65 | Mol % | 0.01 | 130 | 70 | 130 | | | |
| Nitrogen | | | 6.34 | Mol % | 0.01 | 106 | 70 | 130 | | | |
| Carbon D | ioxide | | 1.01 | Mol % | 0.01 | 102 | 70 | 130 | | | |
| Methane | | | 74.4 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Ethane | | | 6.05 | Mol % | 0.01 | 101 | 70 | 130 | | | |
| Propane | | | 5.02 | Mol % | 0.01 | 102 | 70 | 130 | | | |
| Isobutane | e | | 1.77 | Mol % | 0.01 | 88 | 70 | 130 | | | |
| n-Butane | | | 2.00 | Mol % | 0.01 | 100 | 70 | 130 | | | |
| Isopentar | ne | | 0.99 | Mol % | 0.01 | 99 | 70 | 130 | | | |
| n-Pentan | е | | 0.95 | Mol % | 0.01 | 95 | 70 | 130 | | | |
| Hexanes | plus | | 0.78 | Mol % | 0.01 | 98 | 70 | 130 | | | |

Qualifiers:

RL - Analyte Reporting Limit

 $\ensuremath{\mathsf{ND}}$ - Not detected at the Reporting Limit (RL)

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

Work Order Receipt Checklist

Hall Environmental

Login completed by: Danielle N. Harris

B24020812

Date Received: 2/13/2024

| | | | | . 1000.1 041/ 10/202 . |
|---|----------------------------------|---------------|------|----------------------------|
| Reviewed by: | ysmith | | Re | ceived by: CMJ |
| Reviewed Date: | 2/16/2024 | | Car | rier name: FedEx |
| Shipping container/cooler in | good condition? | Yes ✓ | No 🗌 | Not Present |
| Custody seals intact on all s | shipping container(s)/cooler(s)? | Yes √ | No 🗌 | Not Present |
| Custody seals intact on all s | sample bottles? | Yes | No 🗌 | Not Present ✓ |
| Chain of custody present? | | Yes 🗸 | No 🗌 | |
| Chain of custody signed wh | en relinquished and received? | Yes 🗸 | No 🗌 | |
| Chain of custody agrees wit | h sample labels? | Yes 🔽 | No 🗌 | |
| Samples in proper container | r/bottle? | Yes 🔽 | No 🗌 | |
| Sample containers intact? | | Yes 🔽 | No 🗌 | |
| Sufficient sample volume fo | r indicated test? | Yes 🔽 | No 🗌 | |
| All samples received within (Exclude analyses that are c such as pH, DO, Res Cl, Sc | considered field parameters | Yes 🗸 | No 🗌 | |
| Temp Blank received in all s | shipping container(s)/cooler(s)? | Yes | No 🗹 | Not Applicable |
| Container/Temp Blank temp | erature: | 14.4°C No Ice | | |
| Containers requiring zero he bubble that is <6mm (1/4"). | eadspace have no headspace or | Yes | No 🗌 | No VOA vials submitted ✓ |
| Water - pH acceptable upon | receipt? | Yes | No 🗌 | Not Applicable ✓ |
| | | | | |

Standard Reporting Procedures:

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

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

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

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

Contact and Corrective Action Comments:

None

ONLINE

EMAIL

HARDCOPY (extra cost)

FOR LAB USE ONLY FAX

REPORT TRANSMITTAL DESIRED:

Attempt to Cool?

Temp of samples

1415124 Time 700

3rd BD

2nd BD

Next BD

Time:

Date: Date

Received By Received By

Time

Date

Standard

7:52 AM

2/9/2024

Date. Date

nquished By Relinquished By Relinquished By

Y

| 4901 Havkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com | B Influent 2-8-24 |
|---|--|
| | BOTTLE CLIENT SAMPLE ID TYPE MATRIX DATE ANALYTICAL COMMENTS |
| SUB CONTRATOR Energy Labs -Billings COMPANY: Energy Laboratories PHONE: (406) 869-6253 FAX: (406) 252-6069 ADDRESS: 1120 South 27th Street CITY, STATE, ZIP Billings MT 50107 | |

Include the LAB ID and CLIENT SAMPLE ID on final reports. Email results to Hall.Lab@et.eurofinsus.com, For Questions email Hall.samplecontrol@et.eurofinsus.com. Please return all coolers and blue ice. Thank you. SPECIAL INSTRUCTIONS / COMMENTS:

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2402485**

22-Feb-24

Client: Hilcorp Energy

Project: Standard

| Sample ID: 2402485-001adup | SampType: DUP | TestCode: EPA Method | 8260B: Volatiles |
|-----------------------------------|--------------------------|-------------------------------|------------------------------|
| Client ID: Influent 2-8-24 | Batch ID: R103021 | RunNo: 103021 | |
| Prep Date: | Analysis Date: 2/12/2024 | SeqNo: 3808533 | Units: µg/L |
| Analyte | Result PQL SPK | lue SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual |

| | | | | | | | Pg/= | | | |
|--------------------------------|--------|-----|-----------|-------------|------|----------|-----------|------|----------|------|
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 18 | 5.0 | | | | | | 5.84 | 20 | |
| Toluene | 28 | 5.0 | | | | | | 11.3 | 20 | |
| Ethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | | | | | | 0 | 20 | |
| Naphthalene | ND | 10 | | | | | | 0 | 20 | |
| 1-Methylnaphthalene | ND | 20 | | | | | | 0 | 20 | |
| 2-Methylnaphthalene | ND | 20 | | | | | | 0 | 20 | |
| Acetone | ND | 50 | | | | | | 0 | 20 | |
| Bromobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Bromodichloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| Bromoform | ND | 5.0 | | | | | | 0 | 20 | |
| Bromomethane | ND | 10 | | | | | | 0 | 20 | |
| 2-Butanone | ND | 50 | | | | | | 0 | 20 | |
| Carbon disulfide | ND | 50 | | | | | | 0 | 20 | |
| Carbon tetrachloride | ND | 5.0 | | | | | | 0 | 20 | |
| Chlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Chloroethane | ND | 10 | | | | | | 0 | 20 | |
| Chloroform | ND | 5.0 | | | | | | 0 | 20 | |
| Chloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| 2-Chlorotoluene | ND | 5.0 | | | | | | 0 | 20 | |
| 4-Chlorotoluene | ND | 5.0 | | | | | | 0 | 20 | |
| cis-1,2-DCE | ND | 5.0 | | | | | | 0 | 20 | |
| cis-1,3-Dichloropropene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | | | | | 0 | 20 | |
| Dibromochloromethane | ND | 5.0 | | | | | | 0 | 20 | |
| Dibromomethane | ND | 10 | | | | | | 0 | 20 | |
| 1,2-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,4-Dichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Dichlorodifluoromethane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1-Dichloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1-Dichloroethene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,3-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |
| 2,2-Dichloropropane | ND | 5.0 | | | | | | 0 | 20 | |
| | | | | | | | | | | |

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

ND

ND

ND

ND

ND

ND

29

48

46

54

51

5.0

5.0

5.0

5.0

10

5.0

7.5

50.00

50.00

50.00

50.00

SampType: DUP

WO#: **2402485 22-Feb-24**

0

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16.4

130

130

130

130

20

20

20

20

20

20

20

0

0

0

0

Client: Hilcorp Energy

Project: Standard

Sample ID: 2402485-001adup

| Client ID: Influent 2-8-24 | Batc | h ID: R1 | 03021 | F | RunNo: 10 | 03021 | | | | |
|----------------------------|------------|------------------|-----------|-------------|-----------|----------|-------------|------|----------|------|
| Prep Date: | Analysis [| Date: 2 / | 12/2024 | \$ | SeqNo: 38 | 308533 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,1-Dichloropropene | ND | 5.0 | | | | | | 0 | 20 | |
| Hexachlorobutadiene | ND | 5.0 | | | | | | 0 | 20 | |
| 2-Hexanone | ND | 50 | | | | | | 0 | 20 | |
| Isopropylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 4-Isopropyltoluene | ND | 5.0 | | | | | | 0 | 20 | |
| 4-Methyl-2-pentanone | ND | 50 | | | | | | 0 | 20 | |
| Methylene chloride | ND | 15 | | | | | | 0 | 20 | |
| n-Butylbenzene | ND | 15 | | | | | | 0 | 20 | |
| n-Propylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| sec-Butylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| Styrene | ND | 5.0 | | | | | | 0 | 20 | |
| tert-Butylbenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | | | | | 0 | 20 | |
| Tetrachloroethene (PCE) | ND | 5.0 | | | | | | 0 | 20 | |
| trans-1,2-DCE | ND | 5.0 | | | | | | 0 | 20 | |
| trans-1,3-Dichloropropene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | | | | | 0 | 20 | |

TestCode: EPA Method 8260B: Volatiles

Qualifiers:

1,1,1-Trichloroethane

1,1,2-Trichloroethane

Trichloroethene (TCE)

Trichlorofluoromethane

1,2,3-Trichloropropane

Surr: Toluene-d8

Surr: Dibromofluoromethane

Surr: 1,2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Vinyl chloride

Xylenes, Total

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank

95.2

92.8

107

101

70

70

70

70

- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109

Sample Log-In Check List

Released to Imaging: 6/3/2024 11:22:17 AM

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

| Client Name: Hilcorp Energy | Work Order Numb | per: 2402485 | | RcptNo: | 1 |
|---|--------------------------|--------------|------------|--------------------------------|-------------------|
| Received By: Tracy Casarrubias | 2/9/2024 6:35:00 Al | М | | | |
| Completed By: Tracy Casarrubias | 2/9/2024 7:45:41 Al | VI | | | |
| Reviewed By: 72/9/24 | | | | | |
| Chain of Custody | | | | | |
| 1. Is Chain of Custody complete? | | Yes 🗌 | No 🔽 | Not Present | |
| 2. How was the sample delivered? | | Courier | | | |
| Log In 3. Was an attempt made to cool the sample | es? | Yes 🗌 | No 🗹 | NA 🗆 | |
| 4. Were all samples received at a temperate | ture of >0° C to 6.0°C | Yes 🗌 | No 🗌 | NA 🗹 | |
| 5. Sample(s) in proper container(s)? | | Yes 🗹 | No 🗌 | | |
| 6. Sufficient sample volume for indicated to | est(s)? | Yes 🔽 | No 🗌 | | |
| 7. Are samples (except VOA and ONG) pro | perly preserved? | Yes 🗹 | No 🗆 | | |
| 8. Was preservative added to bottles? | | Yes | No 🗹 | NA 🗆 | |
| 9. Received at least 1 vial with headspace | <1/4" for AQ VOA? | Yes | No 🗌 | NA 🗹 | |
| 10. Were any sample containers received b | roken? | Yes 🗌 | No 🗹 | # of preserved bottles checked | |
| 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) |) | Yes 🗸 | No 🗌 | for pH: (<2 or | >12 unless noted) |
| 12. Are matrices correctly identified on Chair | of Custody? | Yes 🗸 | No 🔲 | Adjusted? | |
| 13. Is it clear what analyses were requested | ? | Yes 🗹 | No 🔲 | / | o/ |
| 14. Were all holding times able to be met? (If no, notify customer for authorization.) | | Yes 🗹 | No 🗔 | Checked by: | 2/9 2/9 |
| Special Handling (if applicable) | | | | | |
| 15. Was client notified of all discrepancies v | vith this order? | Yes | No 🗆 | NA 🗸 | |
| Person Notified: | Date: | Γ | | | |
| By Whom: | Via: | eMail F | Phone Fax | In Person | |
| Regarding: | | | | | |
| Client Instructions: | | | | | |
| 16. Additional remarks: | | | | | |
| Mailing address and phone number | er are missing on COC- T | MC 2/9/24 | | | |
| 17. Cooler Information | Cool Intent Cool No | Sool Data | Signed By | | |
| Cooler No Temp °C Condition 1 N/A Good | Seal Intact Seal No | Seal Date | Signed By | | |

Received by OCD: 4/24/2024 3:25:30 PM

| O | hain | of-Cr | Chain-of-Custody Record | Turn-Around Time: | Time: | | | | _ | | - | 1 | LAIL ENVIDONMENTA | ć | 2 | Ž | × L | 1 | |
|----------------|---|------------------|---|-----------------------------|----------------------|-----------------------------------|---------------|---------------------|--------------|-----------------|-------------------|----------|--|-------------|----------|--------------|-----|---------------|---|
| Client: | H | Hilcorp | | ⊠ Standard | □ Rush | | Л | | - 9 | Ž | | SI | ANALYSIS LABORATORY | AB | OR | A | OR | , > | |
| | Mitch | | KINOVAN | Project Name: | | | | | | www. | haller | nviron | www.hallenvironmental.com | al.con | _ | | | | |
| Mailing | Mailing Address: | | 7 | Stand | ward | 1. F. | • | 4901 Hawkins NE | lawk | IN SI | | Ibndr | Albuquerque, NM 87109 | N N M | 8710 | တ | | | |
| | | | | Project #: | | | | Tel. 505-345-3975 | 05-34 | 5-39 | 5 | Fax | 505-345-4107 | 345-4 | 107 | | | | 1 |
| Phone #: | #: | | | | | | | | | | Ans | llysis | Analysis Request | est | | | | | 1 |
| email o | r Fax#: № | Teinouist | email or Fax#: ทุ _{ระไนยนรูม ® Ailtoy3. Com} | Project Manager: | ger: | | | | | | -08 | *** | | (tue | | | | - | |
| QA/QC | QA/QC Package: | | | Stuart | Hyde- | ENSOLUM | | | | SWI | O _{4,} S | - 170 | | əsdA | | | | | |
| 以 Standard | ldard | | ☐ Level 4 (Full Validation) | | | | | | | S02 | <u> </u> | . (7 | | /Jue | | | | , | |
| Accreditation: | itation: | □ Az Co | ☐ Az Compliance | Sampler: £ C | Carroll | ON PA | | | | .Z8 J | ON | · | (/ | Searc | | | | | |
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| ן ר ק | (adki) | | | # of Coolers. | | (00) | | | | 158 | | | | no. | 0 | | | | |
| | | | | COOIET 1 emp(including CF): | | 3 | | | | ρλ _{ | | | | ilo(|) ′ | - | | | |
| Date | <u>8</u> | M pt | Same Name S | Container Type and # | Preservative Type | HEAL No. | X∃TE | 8:H91 1 1808 | 1) 8d3 | sHAc | SCRA CI, F, |) 0928 |) 0728 | Total C | 10 | | | | |
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| Date: | Time: | Relinquished by: | ned by: | Received by: | Via: | Date Time | Remarks | ırks: | | | | | | | | | | | |
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| Date: | | <u> </u> | hed by: | Received by: | Via: ceurc | Date Time | | | 9) | arrol | 8 | S 0/4 | ecarrolle ensolum, com | Z. | | | | | |
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APPENDIX D

Groundwater Laboratory Analytical Reports



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

December 22, 2022

Stuart Hyde Hilcorp Energy PO Box 61529 Houston, TX 77208-1529

TEL: (337) 276-7676

FAX:

RE: Standard 1 OrderNo.: 2212578

Dear Stuart Hyde:

Hall Environmental Analysis Laboratory received 13 sample(s) on 12/9/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2212578

Hall Environmental Analysis Laboratory, Inc. Date Reported: 12/22/2022

CLIENT: Hilcorp Energy Client Sample ID: MW-02

Project: Standard 1 Collection Date: 12/8/2022 3:33:00 PM Lab ID: 2212578-001 Matrix: GROUNDWA Received Date: 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qu | ıal Units | DF Date Analyzed | Batch |
|---------------------------------------|--------|--------|-----------|---------------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | Analys | :: JR |
| Benzene | 16000 | 200 | μg/L | 200 12/15/2022 1:58:57 PM | SL93331 |
| Toluene | 2500 | 200 | μg/L | 200 12/15/2022 1:58:57 PM | SL93331 |
| Ethylbenzene | 1900 | 200 | μg/L | 200 12/15/2022 1:58:57 PM | SL93331 |
| Xylenes, Total | 18000 | 300 | μg/L | 200 12/15/2022 1:58:57 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 94.7 | 70-130 | %Rec | 200 12/15/2022 1:58:57 PM | SL93331 |
| Surr: Dibromofluoromethane | 93.5 | 70-130 | %Rec | 200 12/15/2022 1:58:57 PM | SL93331 |
| Surr: Toluene-d8 | 106 | 70-130 | %Rec | 200 12/15/2022 1:58:57 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 1 of 15

Lab Order 2212578

Date Reported: 12/22/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Hilcorp Energy Client Sample ID: MW-03

Project: Standard 1 Collection Date: 12/8/2022 3:18:00 PM Lab ID: 2212578-002 Matrix: GROUNDWA Received Date: 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qua | l Units | DF Date Analyzed | Batch |
|---------------------------------------|--------|--------|---------|---------------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | Analyst: | JR |
| Benzene | 17000 | 200 | μg/L | 200 12/15/2022 2:27:38 PM | SL93331 |
| Toluene | 1000 | 200 | μg/L | 200 12/15/2022 2:27:38 PM | SL93331 |
| Ethylbenzene | 730 | 200 | μg/L | 200 12/15/2022 2:27:38 PM | SL93331 |
| Xylenes, Total | 6800 | 300 | μg/L | 200 12/15/2022 2:27:38 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 104 | 70-130 | %Rec | 200 12/15/2022 2:27:38 PM | SL93331 |
| Surr: Dibromofluoromethane | 92.5 | 70-130 | %Rec | 200 12/15/2022 2:27:38 PM | SL93331 |
| Surr: Toluene-d8 | 107 | 70-130 | %Rec | 200 12/15/2022 2:27:38 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- RL Reporting Limit

Sample pH Not In Range Page 2 of 15

Lab Order 2212578

Hall Environmental Analysis Laboratory, Inc. Date Reported: 12/22/2022

CLIENT: Hilcorp Energy Client Sample ID: MW-08

 Project:
 Standard 1
 Collection Date: 12/8/2022 1:04:00 PM

 Lab ID:
 2212578-003
 Matrix: GROUNDWA
 Received Date: 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | Batch |
|---------------------------------------|--------|--------|----------|----|-----------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | Analyst | : JR |
| Benzene | ND | 1.0 | μg/L | 1 | 12/15/2022 2:56:22 PM | SL93331 |
| Toluene | ND | 1.0 | μg/L | 1 | 12/15/2022 2:56:22 PM | SL93331 |
| Ethylbenzene | ND | 1.0 | μg/L | 1 | 12/15/2022 2:56:22 PM | SL93331 |
| Xylenes, Total | ND | 1.5 | μg/L | 1 | 12/15/2022 2:56:22 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 110 | 70-130 | %Rec | 1 | 12/15/2022 2:56:22 PM | SL93331 |
| Surr: Dibromofluoromethane | 104 | 70-130 | %Rec | 1 | 12/15/2022 2:56:22 PM | SL93331 |
| Surr: Toluene-d8 | 109 | 70-130 | %Rec | 1 | 12/15/2022 2:56:22 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 15

CLIENT: Hilcorp Energy

Analytical Report

Lab Order **2212578**Date Reported: **12/22/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: MW-11

Project: Standard 1 Collection Date: 12/8/2022 12:00:00 PM

Lab ID: 2212578-004 **Matrix:** GROUNDWA **Received Date:** 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | Batch |
|---------------------------------------|--------|--------|----------|----|-----------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | Analyst | : JR |
| Benzene | ND | 1.0 | μg/L | 1 | 12/15/2022 3:25:01 PM | SL93331 |
| Toluene | ND | 1.0 | μg/L | 1 | 12/15/2022 3:25:01 PM | SL93331 |
| Ethylbenzene | ND | 1.0 | μg/L | 1 | 12/15/2022 3:25:01 PM | SL93331 |
| Xylenes, Total | ND | 1.5 | μg/L | 1 | 12/15/2022 3:25:01 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 105 | 70-130 | %Rec | 1 | 12/15/2022 3:25:01 PM | SL93331 |
| Surr: Dibromofluoromethane | 100 | 70-130 | %Rec | 1 | 12/15/2022 3:25:01 PM | SL93331 |
| Surr: Toluene-d8 | 107 | 70-130 | %Rec | 1 | 12/15/2022 3:25:01 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 15

Lab Order 2212578

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/22/2022

CLIENT: Hilcorp Energy Client Sample ID: MW-12

Project: Standard 1 Collection Date: 12/8/2022 2:02:00 PM Lab ID: 2212578-005 Matrix: GROUNDWA Received Date: 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | Batch |
|---------------------------------------|--------|--------|----------|----|-----------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | Analyst | : JR |
| Benzene | 41 | 20 | μg/L | 20 | 12/15/2022 3:53:44 PM | SL93331 |
| Toluene | ND | 20 | μg/L | 20 | 12/15/2022 3:53:44 PM | SL93331 |
| Ethylbenzene | ND | 20 | μg/L | 20 | 12/15/2022 3:53:44 PM | SL93331 |
| Xylenes, Total | ND | 30 | μg/L | 20 | 12/15/2022 3:53:44 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 111 | 70-130 | %Rec | 20 | 12/15/2022 3:53:44 PM | SL93331 |
| Surr: Dibromofluoromethane | 98.3 | 70-130 | %Rec | 20 | 12/15/2022 3:53:44 PM | SL93331 |
| Surr: Toluene-d8 | 106 | 70-130 | %Rec | 20 | 12/15/2022 3:53:44 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- RL Reporting Limit

Sample pH Not In Range Page 5 of 15

Lab Order 2212578

Hall Environmental Analysis Laboratory, Inc. Date Reported: 12/22/2022

CLIENT: Hilcorp Energy Client Sample ID: MW-14

 Project:
 Standard 1
 Collection Date: 12/8/2022 2:41:00 PM

 Lab ID:
 2212578-006
 Matrix: GROUNDWA
 Received Date: 12/9/2022 7:35:00 AM

| Analyses | Result | RL (| Qual Units | DF Date Analyzed | Batch |
|---------------------------------------|--------|--------|------------|---------------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | Analyst | :: JR |
| Benzene | 3800 | 200 | μg/L | 200 12/15/2022 4:22:24 PM | SL93331 |
| Toluene | 1800 | 200 | μg/L | 200 12/15/2022 4:22:24 PM | SL93331 |
| Ethylbenzene | 1600 | 200 | μg/L | 200 12/15/2022 4:22:24 PM | SL93331 |
| Xylenes, Total | 9500 | 300 | μg/L | 200 12/15/2022 4:22:24 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 94.8 | 70-130 | %Rec | 200 12/15/2022 4:22:24 PM | SL93331 |
| Surr: Dibromofluoromethane | 90.7 | 70-130 | %Rec | 200 12/15/2022 4:22:24 PM | SL93331 |
| Surr: Toluene-d8 | 107 | 70-130 | %Rec | 200 12/15/2022 4:22:24 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **2212578**

Date Reported: 12/22/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Hilcorp Energy Client Sample ID: MW-15

 Project:
 Standard 1
 Collection Date: 12/8/2022 3:00:00 PM

 Lab ID:
 2212578-007
 Matrix: GROUNDWA
 Received Date: 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qu | al Units | DF Date Analyzed | Batch |
|---------------------------------------|--------|--------|----------|---------------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | Analys | :: JR |
| Benzene | 25000 | 500 | μg/L | 500 12/15/2022 4:51:00 PM | SL93331 |
| Toluene | 4900 | 500 | μg/L | 500 12/15/2022 4:51:00 PM | SL93331 |
| Ethylbenzene | 540 | 500 | μg/L | 500 12/15/2022 4:51:00 PM | SL93331 |
| Xylenes, Total | 4800 | 750 | μg/L | 500 12/15/2022 4:51:00 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 104 | 70-130 | %Rec | 500 12/15/2022 4:51:00 PM | SL93331 |
| Surr: Dibromofluoromethane | 96.2 | 70-130 | %Rec | 500 12/15/2022 4:51:00 PM | SL93331 |
| Surr: Toluene-d8 | 110 | 70-130 | %Rec | 500 12/15/2022 4:51:00 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 15

Lab Order **2212578**

Hall Environmental Analysis Laboratory, Inc. Date Reported: 12/22/2022

CLIENT: Hilcorp Energy Client Sample ID: MW-16

 Project:
 Standard 1
 Collection Date: 12/8/2022 2:22:00 PM

 Lab ID:
 2212578-008
 Matrix: GROUNDWA
 Received Date: 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qu | ial Units | DF | Date Analyzed | Batch |
|---------------------------------------|--------|--------|-----------|----|-----------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | Analyst | : JR |
| Benzene | 150 | 50 | μg/L | 50 | 12/15/2022 5:19:37 PM | SL93331 |
| Toluene | ND | 50 | μg/L | 50 | 12/15/2022 5:19:37 PM | SL93331 |
| Ethylbenzene | 380 | 50 | μg/L | 50 | 12/15/2022 5:19:37 PM | SL93331 |
| Xylenes, Total | 2100 | 75 | μg/L | 50 | 12/15/2022 5:19:37 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 118 | 70-130 | %Rec | 50 | 12/15/2022 5:19:37 PM | SL93331 |
| Surr: Dibromofluoromethane | 99.7 | 70-130 | %Rec | 50 | 12/15/2022 5:19:37 PM | SL93331 |
| Surr: Toluene-d8 | 106 | 70-130 | %Rec | 50 | 12/15/2022 5:19:37 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2212578

Date Reported: 12/22/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Hilcorp Energy Client Sample ID: MW-18

 Project:
 Standard 1
 Collection Date: 12/8/2022 12:27:00 PM

 Lab ID:
 2212578-009
 Matrix: GROUNDWA
 Received Date: 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | Batch |
|---------------------------------------|--------|--------|----------|-----|-----------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | Analyst | : JR |
| Benzene | 6700 | 500 | μg/L | 500 | 12/16/2022 2:43:11 PM | SL93377 |
| Toluene | ND | 50 | μg/L | 50 | 12/15/2022 5:48:17 PM | SL93331 |
| Ethylbenzene | 360 | 50 | μg/L | 50 | 12/15/2022 5:48:17 PM | SL93331 |
| Xylenes, Total | ND | 75 | μg/L | 50 | 12/15/2022 5:48:17 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 110 | 70-130 | %Rec | 50 | 12/15/2022 5:48:17 PM | SL93331 |
| Surr: Dibromofluoromethane | 104 | 70-130 | %Rec | 50 | 12/15/2022 5:48:17 PM | SL93331 |
| Surr: Toluene-d8 | 105 | 70-130 | %Rec | 50 | 12/15/2022 5:48:17 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **2212578**

Hall Environmental Analysis Laboratory, Inc. Date Reported: 12/22/2022

CLIENT: Hilcorp Energy Client Sample ID: MW-19

 Project:
 Standard 1
 Collection Date: 12/8/2022 1:47:00 PM

 Lab ID:
 2212578-010
 Matrix: GROUNDWA
 Received Date: 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qua | al Units | DF Date Analyzed | Batch |
|---------------------------------------|--------|--------|----------|---------------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | Analys | t: JR |
| Benzene | 12000 | 200 | μg/L | 200 12/15/2022 6:16:57 PM | SL93331 |
| Toluene | 14000 | 200 | μg/L | 200 12/15/2022 6:16:57 PM | SL93331 |
| Ethylbenzene | 1300 | 200 | μg/L | 200 12/15/2022 6:16:57 PM | SL93331 |
| Xylenes, Total | 7800 | 300 | μg/L | 200 12/15/2022 6:16:57 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 98.4 | 70-130 | %Rec | 200 12/15/2022 6:16:57 PM | SL93331 |
| Surr: Dibromofluoromethane | 89.2 | 70-130 | %Rec | 200 12/15/2022 6:16:57 PM | SL93331 |
| Surr: Toluene-d8 | 109 | 70-130 | %Rec | 200 12/15/2022 6:16:57 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **2212578**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/22/2022

CLIENT: Hilcorp Energy Client Sample ID: MW-22

 Project:
 Standard 1
 Collection Date: 12/8/2022 12:13:00 PM

 Lab ID:
 2212578-011
 Matrix: GROUNDWA
 Received Date: 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | Batch |
|---------------------------------------|--------|--------|----------|----|-----------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | Analyst | : JR |
| Benzene | ND | 2.0 | μg/L | 2 | 12/15/2022 6:45:28 PM | SL93331 |
| Toluene | ND | 2.0 | μg/L | 2 | 12/15/2022 6:45:28 PM | SL93331 |
| Ethylbenzene | ND | 2.0 | μg/L | 2 | 12/15/2022 6:45:28 PM | SL93331 |
| Xylenes, Total | ND | 3.0 | μg/L | 2 | 12/15/2022 6:45:28 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 109 | 70-130 | %Rec | 2 | 12/15/2022 6:45:28 PM | SL93331 |
| Surr: Dibromofluoromethane | 96.7 | 70-130 | %Rec | 2 | 12/15/2022 6:45:28 PM | SL93331 |
| Surr: Toluene-d8 | 107 | 70-130 | %Rec | 2 | 12/15/2022 6:45:28 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: Hilcorp Energy

Analytical Report

Lab Order **2212578**Date Reported: **12/22/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: MW-23

Project: Standard 1 Collection Date: 12/8/2022 1:26:00 PM

Lab ID: 2212578-012 **Matrix:** GROUNDWA **Received Date:** 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | Batch |
|---------------------------------------|--------|--------|----------|----|-----------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | Analyst | : JR |
| Benzene | ND | 2.0 | μg/L | 2 | 12/15/2022 7:14:02 PM | SL93331 |
| Toluene | ND | 2.0 | μg/L | 2 | 12/15/2022 7:14:02 PM | SL93331 |
| Ethylbenzene | ND | 2.0 | μg/L | 2 | 12/15/2022 7:14:02 PM | SL93331 |
| Xylenes, Total | ND | 3.0 | μg/L | 2 | 12/15/2022 7:14:02 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 114 | 70-130 | %Rec | 2 | 12/15/2022 7:14:02 PM | SL93331 |
| Surr: Dibromofluoromethane | 104 | 70-130 | %Rec | 2 | 12/15/2022 7:14:02 PM | SL93331 |
| Surr: Toluene-d8 | 106 | 70-130 | %Rec | 2 | 12/15/2022 7:14:02 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **2212578**

Hall Environmental Analysis Laboratory, Inc. Date Reported: 12/22/2022

CLIENT: Hilcorp Energy Client Sample ID: MW-26

 Project:
 Standard 1
 Collection Date: 12/8/2022 12:53:00 PM

 Lab ID:
 2212578-013
 Matrix: GROUNDWA
 Received Date: 12/9/2022 7:35:00 AM

| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | Batch |
|---------------------------------------|--------|--------|----------|----|-----------------------|---------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | Analyst | : JR |
| Benzene | ND | 1.0 | μg/L | 1 | 12/15/2022 7:42:35 PM | SL93331 |
| Toluene | ND | 1.0 | μg/L | 1 | 12/15/2022 7:42:35 PM | SL93331 |
| Ethylbenzene | ND | 1.0 | μg/L | 1 | 12/15/2022 7:42:35 PM | SL93331 |
| Xylenes, Total | ND | 1.5 | μg/L | 1 | 12/15/2022 7:42:35 PM | SL93331 |
| Surr: 1,2-Dichloroethane-d4 | 104 | 70-130 | %Rec | 1 | 12/15/2022 7:42:35 PM | SL93331 |
| Surr: Dibromofluoromethane | 99.5 | 70-130 | %Rec | 1 | 12/15/2022 7:42:35 PM | SL93331 |
| Surr: Toluene-d8 | 105 | 70-130 | %Rec | 1 | 12/15/2022 7:42:35 PM | SL93331 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2212578 22-Dec-22**

Client: Hilcorp Energy
Project: Standard 1

| Sample ID: 100ng Ics | SampT | ype: LC | S | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|-----------------------------|------------|----------------|-----------|---|-----------|----------|-------------|------|----------|------|--|--|
| Client ID: LCSW | Batch | ID: SL | 93331 | F | RunNo: 93 | 3331 | | | | | | |
| Prep Date: | Analysis D | ate: 12 | /15/2022 | 5 | SeqNo: 33 | 364580 | Units: µg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Benzene | 23 | 1.0 | 20.00 | 0 | 116 | 70 | 130 | | | | | |
| Toluene | 22 | 1.0 | 20.00 | 0 | 111 | 70 | 130 | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.7 | | 10.00 | | 97.1 | 70 | 130 | | | | | |
| Surr: 4-Bromofluorobenzene | 10 | | 10.00 | | 102 | 70 | 130 | | | | | |
| Surr: Dibromofluoromethane | 9.6 | | | | 95.5 70 | | | | | | | |
| Surr: Toluene-d8 | 10 | | 10.00 | 103 70 | | | 130 | | | | | |

| Sample ID: mb | Samp | ype: ME | BLK | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | |
|-----------------------------|------------|----------|-----------|---|-----------|----------|-------------|------|----------|------|--|
| Client ID: PBW | Batcl | h ID: SL | 93331 | F | RunNo: 9 | 3331 | | | | | |
| Prep Date: | Analysis [| Date: 12 | /15/2022 | 5 | SeqNo: 3; | 364602 | Units: µg/L | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Benzene | ND | 1.0 | | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | | |
| Xylenes, Total | ND | 1.5 | | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 11 | | 10.00 | | 115 | 70 | 130 | | | | |
| Surr: 4-Bromofluorobenzene | 10 | | 10.00 | | 101 | 70 | 130 | | | | |
| Surr: Dibromofluoromethane | 10 | | 10.00 | | 103 | 70 | 130 | | | | |
| Surr: Toluene-d8 | 11 | | 10.00 | | 107 | 70 | 130 | | | | |

| Sample ID: 100ng lcs4 | SampT | SampType: LCS TestCode: EPA Method 8 | | | | | | s Short Li | st | | |
|-----------------------------|------------|--------------------------------------|-----------|--------------|----------|----------|-----------|------------|----------|------|--|
| Client ID: LCSW | Batch | n ID: SL | 93377 | RunNo: 93377 | | | | | | | |
| Prep Date: | Analysis D |)ate: 12 | /17/2022 | 5 | SeqNo: 3 | 367222 | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Benzene | 22 | 1.0 | 20.00 | 0 | 111 | 70 | 130 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.5 | | 10.00 | | 94.9 | 70 | 130 | | | | |
| Surr: 4-Bromofluorobenzene | 11 | | 10.00 | | 105 | 70 | 130 | | | | |
| Surr: Dibromofluoromethane | 9.4 | | 10.00 | | 93.7 | 70 | 130 | | | | |
| Surr: Toluene-d8 | 10 | | 10.00 | | 104 | 70 | 130 | | | | |

| Sample ID: mb | SampT | уре: МВ | LK | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|-----------------------------|------------|----------|-----------|---|-------------------------|--------|-------------|------|----------|------|--|--|
| Client ID: PBW | Batch | ID: SL | 93377 | F | RunNo: 93 | 377 | | | | | | |
| Prep Date: | Analysis D | oate: 12 | /17/2022 | 5 | SeqNo: 33 | 867236 | Units: µg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | K Ref Val %REC LowLimit | | | %RPD | RPDLimit | Qual | | |
| Benzene | ND | 1.0 | | | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 10 | | 10.00 | | 105 | 70 | 130 | | | | | |
| Surr: 4-Bromofluorobenzene | 11 | 11 10.00 | | | 110 70 | | | | | | | |

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2212578 22-Dec-22

WO#:

Client: Hilcorp Energy
Project: Standard 1

| Sample ID: mb | Samp1 | Гуре: МЕ | BLK | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|----------------------------|------------|-----------------|-----------|---|------------|----------|-------------|------|----------|------|--|--|
| Client ID: PBW | Batcl | h ID: SL | 93377 | F | RunNo: 93 | 3377 | | | | | | |
| Prep Date: | Analysis [| Date: 12 | /17/2022 | 9 | SeqNo: 33 | 367236 | Units: µg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Surr: Dibromofluoromethane | 9.2 | | 10.00 | | 92.2 | 70 | 130 | | | | | |
| Surr: Toluene-d8 | 11 | | | | 106 70 130 | | | | | | | |

| Sample ID: 100ng lcs3 | SampT | ype: LC | S | Tes | PA Method | 8260: Volatile | s Short Li | st | | |
|-----------------------------|------------|----------------|-----------|-------------|-----------|----------------|------------|------|----------|------|
| Client ID: LCSW | Batcl | n ID: SL | 93377 | F | RunNo: 93 | 3377 | | | | |
| Prep Date: | Analysis D | Date: 12 | /16/2022 | 9 | SeqNo: 33 | 367237 | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 22 | 1.0 | 20.00 | 0 | 110 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 10 | | 10.00 | | 102 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.8 | | 10.00 | | 97.8 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 11 | 11 10.00 | | | 106 | 70 | 130 | | | |
| Surr: Toluene-d8 | 10 | | 10.00 | | 102 | 70 | 130 | | | |

| Sample ID: mb | SampT | ype: ME | BLK | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|-----------------------------|------------|----------------|-----------|---|----------|----------|-----------|------|----------|------|--|--|
| Client ID: PBW | Batch | ID: SL | 93377 | F | | | | | | | | |
| Prep Date: | Analysis D | ate: 12 | /16/2022 | 9 | SeqNo: 3 | 367238 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Benzene | ND | 1.0 | | | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 10 | | 10.00 | | 100 | 70 | 130 | | | | | |
| Surr: 4-Bromofluorobenzene | 10 | | 10.00 | | 101 | 70 | 130 | | | | | |
| Surr: Dibromofluoromethane | 11 | | 10.00 | | 110 | 70 | 130 | | | | | |
| Surr: Toluene-d8 | 10 | | 10.00 | | 104 | 70 | 130 | | | | | |

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hilcorp Energy

Client Name:

4901 Hawkins NE Sample Log-In Check List Albuquerque, NM 87109

RcptNo: 1

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Work Order Number: 2212578

Hall Environmental Analysis Laboratory

| Re | ceived By: | Tracy Cas | sarrubias | 12/9/20 | 022 7:35:0 | MA 0 | | | | | |
|-----------|------------------------------------|-----------------|-----------------|-----------------|------------|-------------|--------------|-------------|-----------|----------------------------|-------------------|
| Co | mpleted By: | Sean Livi | _ | 12/9/20 | 022 9:58:3 | 9 AM | | 5 | 5_6 | not- | |
| Re | viewed By: | ff 12. | 9-22 | | | | | | | | |
| <u>Ch</u> | ain of Cust | tody | | | | | | | | | |
| 1. | Is Chain of Cι | istody comp | lete? | | | Yes | V | N | lo 🗌 | Not Present | |
| 2. | How was the | sample deliv | vered? | | | Cou | <u>ırier</u> | | | | |
| Lo | og In | | | | | | | | | | |
| 3. | Was an attem | pt made to | cool the samp | les? | | Yes | ✓ | N | o 🗆 | NA 🗌 | |
| 4. \ | Nere all samp | les received | l at a tempera | ture of >0° C | to 6.0°C | Yes | V | N | 。 | na 🗆 | |
| 5. | Sample(s) in p | roper conta | iner(s)? | | | Yes | ✓ | N | • | | |
| 6. \$ | Sufficient samp | ole volume f | or indicated to | est(s)? | | Yes | V | No | D | | |
| 7. / | Are samples (e | except VOA | and ONG) pro | perly preserv | ed? | Yes | V | No | | | |
| 8. \ | Vas preservat | ive added to | bottles? | | | Yes | | No | V | NA 🗌 | |
| 9. F | Received at lea | ast 1 vial wit | h headspace | <1/4" for AQ \ | VOA? | Yes | | No | | NA 🗹 | |
| 10. | Were any sam | ple containe | ers received b | roken? | | Yes | | No | o 🗹 | # of preserved | |
| | Does paperwoi | | | | | Yes | V | No | · 🗆 | bottles checked for pH: | |
| | Note discrepa | | - | | | | | | | | >12 unless noted) |
| | re matrices co | | | - | | Yes | | No | | Adjusted? | |
| | s it clear what Vere all holdin | | | ŗ | | Yes Yes | V | No No | _ | Checked by: | 11/2/9/22 |
| | If no, notify cu | | | | | res | • | IVO | | Officered by. | 100 01 1100 |
| Spe | cial Handli | ng (if app | olicable) | | | | | | | | |
| 15. | Nas client not | ified of all di | screpancies v | vith this order | ? | Yes | | No | o 🗆 | NA 🗹 | |
| | Person N | Notified: | | | Date | e: | Selvanius | | - Andrews | | |
| | By Whor | n: | | | Via: | □ еМа | ail 🗌 |] Phone [| Fax | ☐ In Person | |
| | Regardin | - 1 | | | | | - | | | | |
| | | structions: | | | | | | | | | |
| 16. | Additional rem | narks: | | | | | | | | | |
| 17. | Cooler Inform | 9 | * | | | | | | | | |
| | Cooler No | Temp ⁰C 0.7 | Condition | Seal Intact | Seal No | Seal Da | ate | Signed | Ву | | |
| | - | 0.7 | Good | Yes | e e | | | | | | |
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| HALL ENVIRONMENTAL | ANALYSIS LABORATORY | www.hallenvironmental.com | 4901 Hawkins NE - Albuquerque, NM 87109 | Tel. 505-345-3975 Fax 505-345-4107 | Analysis Request | *O9 | PO₄, S | S808\ (1.40) (1.40) 7S8 10 ,sON | GEG des des des co co co co co co co co co co co co co | etho y 83 Met h Met t, N | 37EX) 3081 Pe 3081 Pe 5081 Pe 3CRA 8 3CRA 8 | | X | \times | | X | X | | X | × | ×× | X | × | | 2 myers of existing | |
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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.

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| HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request | BTEX / MTBE / TMB's (8021) TPH:8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's EDB (Method 504.1) PAHs by 8310 or 8270SIMS CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent) | X Wemarks: | The second secon |
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| Turn-Around Time: デールップ Standard □ Rush Project Name: Showlood Hill | Sampler: A to | Time Time | 12/9/27 |
| Client: אין | email or Fax#: QA/QC Package: Standard | Date: Time: Relinquished by: 12 12 12 12 12 12 12 1 | 1/8/12 [6] Monthly Whomitted to Holl Environmental |

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

March 10, 2023

Danny Burns HILCORP ENERGY PO Box 4700 Farmington, NM 87499

TEL: (505) 564-0733

FAX

RE: Standard 1 OrderNo.: 2303170

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 13 sample(s) on 3/3/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **2303170**Date Reported: **3/10/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2303170

Project: Standard 1

Lab ID: 2303170-001 **Collection Date:** 3/2/2023 3:06:00 PM

Client Sample ID: MW-03 Matrix: GROUNDWATER

Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene 17000 200 200 3/7/2023 11:33:00 AM R95078 μg/L Toluene 1100 200 μg/L 200 3/7/2023 11:33:00 AM R95078 Ethylbenzene 650 200 μg/L 200 3/7/2023 11:33:00 AM R95078 Xylenes, Total 5600 400 200 3/7/2023 11:33:00 AM R95078 μg/L Surr: 4-Bromofluorobenzene 70-130 200 3/7/2023 11:33:00 AM 104 %Rec R95078

Lab ID: 2303170-002 **Collection Date:** 3/2/2023 2:40:00 PM

Client Sample ID: MW-04 Matrix: GROUNDWATER

Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene 320 8.0 μg/L 20 3/7/2023 11:54:00 AM R95078 Toluene ND 8.0 μg/L 3/7/2023 11:54:00 AM R95078 ND Ethylbenzene 8.0 3/7/2023 11:54:00 AM R95078 μg/L Xylenes, Total ND 16 μg/L 3/7/2023 11:54:00 AM R95078 Surr: 4-Bromofluorobenzene 103 70-130 %Rec 3/7/2023 11:54:00 AM R95078

 Lab ID:
 2303170-003
 Collection Date:
 3/2/2023 11:44:00 AM

 Client Sample ID:
 MW-08
 Matrix:
 GROUNDWATER

RL Qual Units DF Date Analyzed Analyses Result **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 1.0 μg/L 3/7/2023 12:16:00 PM R95078 1 Toluene ND 1.0 μg/L 3/7/2023 12:16:00 PM R95078 Ethylbenzene ND 1.0 R95078 μg/L 1 3/7/2023 12:16:00 PM Xylenes, Total ND 3/7/2023 12:16:00 PM R95078 2.0 µg/L Surr: 4-Bromofluorobenzene 104 70-130 %Rec 3/7/2023 12:16:00 PM R95078

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 6

Lab Order: **2303170**Date Reported: **3/10/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2303170

Project: Standard 1

Lab ID: 2303170-004 Collection Date: 3/2/2023 12:52:00 PM

Client Sample ID: MW-11 Matrix: GROUNDWATER

Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 1.0 3/7/2023 12:38:00 PM R95078 μg/L 1 Toluene ND 1.0 μg/L 3/7/2023 12:38:00 PM R95078 ND Ethylbenzene 1.0 μg/L 1 3/7/2023 12:38:00 PM R95078 Xylenes, Total ND 2.0 3/7/2023 12:38:00 PM R95078 μg/L Surr: 4-Bromofluorobenzene 103 70-130 %Rec 3/7/2023 12:38:00 PM R95078

 Lab ID:
 2303170-005
 Collection Date:
 3/2/2023 1:47:00 PM

 Client Sample ID:
 MW-12
 Matrix:
 GROUNDWATER

Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene 43 1.0 μg/L 3/7/2023 6:01:00 PM R95078 1 Toluene 1.0 1.0 μg/L 1 3/7/2023 6:01:00 PM R95078 Ethylbenzene 3.6 1.0 3/7/2023 6:01:00 PM R95078 μg/L 1 Xylenes, Total 3.2 2.0 μg/L 1 3/7/2023 6:01:00 PM R95078 Surr: 4-Bromofluorobenzene 70-130 %Rec 3/7/2023 6:01:00 PM R95078 111

 Lab ID:
 2303170-006
 Collection Date:
 3/2/2023 2:05:00 PM

 Client Sample ID:
 MW-15
 Matrix:
 GROUNDWATER

RL Qual Units DF Date Analyzed Analyses Result **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene 21000 500 μg/L 500 3/7/2023 1:21:00 PM R95078 Toluene 6000 500 μg/L 500 3/7/2023 1:21:00 PM R95078 Ethylbenzene 610 500 500 3/7/2023 1:21:00 PM R95078 μg/L Xylenes, Total 4600 1000 500 3/7/2023 1:21:00 PM R95078 μg/L Surr: 4-Bromofluorobenzene 99.2 70-130 %Rec 500 3/7/2023 1:21:00 PM R95078

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 6

Lab Order: **2303170**Date Reported: **3/10/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2303170

Project: Standard 1

Lab ID: 2303170-007 **Collection Date:** 3/2/2023 1:25:00 PM

Client Sample ID: MW-16 Matrix: GROUNDWATER

Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene 110 20 3/7/2023 1:42:00 PM R95078 μg/L 50 Toluene ND 20 μg/L 3/7/2023 1:42:00 PM R95078 Ethylbenzene 320 20 μg/L 50 3/7/2023 1:42:00 PM R95078 Xylenes, Total 1800 40 3/7/2023 1:42:00 PM R95078 μg/L Surr: 4-Bromofluorobenzene 104 70-130 3/7/2023 1:42:00 PM %Rec R95078

Lab ID: 2303170-008 **Collection Date:** 3/2/2023 1:07:00 PM

Client Sample ID: MW-17 Matrix: GROUNDWATER

Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 2.0 μg/L 2 3/7/2023 2:04:00 PM R95078 Toluene ND 2.0 μg/L 2 3/7/2023 2:04:00 PM R95078 ND Ethylbenzene 2.0 2 3/7/2023 2:04:00 PM R95078 μg/L Xylenes, Total ND 4.0 μg/L 2 3/7/2023 2:04:00 PM R95078 Surr: 4-Bromofluorobenzene 97.1 70-130 %Rec 3/7/2023 2:04:00 PM R95078

 Lab ID:
 2303170-009
 Collection Date:
 3/2/2023 12:20:00 PM

 Client Sample ID:
 MW-18
 Matrix:
 GROUNDWATER

RL Qual Units DF Date Analyzed Analyses Result **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: CCM R95078 Benzene 4200 20 μg/L 50 3/7/2023 2:47:00 PM Toluene ND 20 μg/L 3/7/2023 2:47:00 PM R95078 Ethylbenzene 190 20 3/7/2023 2:47:00 PM R95078 μg/L 50 Xylenes, Total ND 40 3/7/2023 2:47:00 PM R95078 μg/L Surr: 4-Bromofluorobenzene 103 70-130 %Rec 3/7/2023 2:47:00 PM R95078

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 6

Lab Order: **2303170**Date Reported: **3/10/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2303170 **Project:** Standard 1 Lab ID: 2303170-010 **Collection Date:** 3/2/2023 11:05:00 AM **Client Sample ID:** MW-19 Matrix: GROUNDWATER **Analyses** Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene 10000 200 200 3/7/2023 3:52:00 PM R95078 μg/L Toluene 12000 200 μg/L 200 3/7/2023 3:52:00 PM R95078 Ethylbenzene 1000 200 μg/L 200 3/7/2023 3:52:00 PM R95078 Xylenes, Total 6100 400 200 3/7/2023 3:52:00 PM R95078 μg/L Surr: 4-Bromofluorobenzene 70-130 200 3/7/2023 3:52:00 PM 103 %Rec R95078 Lab ID: 2303170-011 **Collection Date:** 3/2/2023 12:36:00 PM Client Sample ID: **Matrix:** GROUNDWATER Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 2.0 μg/L 2 3/7/2023 4:14:00 PM R95078 Toluene ND 2.0 μg/L 2 3/7/2023 4:14:00 PM R95078 ND Ethylbenzene 2.0 2 3/7/2023 4:14:00 PM R95078 μg/L Xylenes, Total ND 4.0 μg/L 2 3/7/2023 4:14:00 PM R95078 Surr: 4-Bromofluorobenzene 103 70-130 %Rec 3/7/2023 4:14:00 PM R95078 Lab ID: 2303170-012 **Collection Date:** 3/2/2023 11:30:00 AM **Matrix:** GROUNDWATER Client Sample ID: RL Qual Units DF Date Analyzed Analyses Result **Batch ID**

EPA METHOD 8021B: VOLATILES Analyst: CCM Benzene ND 2.0 μg/L 2 3/7/2023 4:35:00 PM R95078 Toluene ND 2.0 μg/L 2 3/7/2023 4:35:00 PM R95078

Ethylbenzene ND 2.0 2 R95078 μg/L 3/7/2023 4:35:00 PM Xylenes, Total ND 2 3/7/2023 4:35:00 PM R95078 μg/L Surr: 4-Bromofluorobenzene 98.0 70-130 %Rec 3/7/2023 4:35:00 PM R95078

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order: 2303170

Date Reported: 3/10/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2303170

Project: Standard 1

Lab ID: 2303170-013 **Collection Date:** 3/2/2023 12:05:00 PM

Client Sample ID: MW-26 Matrix: GROUNDWATER

| Analyses | Result | RL Qu | ual Units | DF | Date Analyzed | Batch ID |
|-----------------------------|--------|--------|-----------|----|---------------------|----------|
| EPA METHOD 8021B: VOLATILES | | | | | Anal | yst: CCM |
| Benzene | ND | 1.0 | μg/L | 1 | 3/7/2023 4:57:00 PM | И R95078 |
| Toluene | ND | 1.0 | μg/L | 1 | 3/7/2023 4:57:00 PM | И R95078 |
| Ethylbenzene | ND | 1.0 | μg/L | 1 | 3/7/2023 4:57:00 PM | И R95078 |
| Xylenes, Total | ND | 2.0 | μg/L | 1 | 3/7/2023 4:57:00 PM | И R95078 |
| Surr: 4-Bromofluorobenzene | 99.1 | 70-130 | %Rec | 1 | 3/7/2023 4:57:00 PM | И R95078 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 6

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2303170** *10-Mar-23*

Client: HILCORP ENERGY

Project: Standard 1

| Sample ID: 100 ng btex lcs | SampT | ype: LC | S | Tes | tCode: El | PA Method | 8021B: Volat | iles | | |
|----------------------------|------------|----------------|-----------|-------------|-----------|-----------|--------------|------|----------|------|
| Client ID: LCSW | Batch | ID: R9 | 5078 | F | RunNo: 9 | 5078 | | | | |
| Prep Date: | Analysis D | ate: 3/ | 7/2023 | 9 | SeqNo: 3 | 438296 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 18 | 1.0 | 20.00 | 0 | 90.2 | 70 | 130 | | | |
| Toluene | 18 | 1.0 | 20.00 | 0 | 91.6 | 70 | 130 | | | |
| Ethylbenzene | 19 | 1.0 | 20.00 | 0 | 93.0 | 70 | 130 | | | |
| Xylenes, Total | 56 | 2.0 | 60.00 | 0 | 92.6 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 105 | 70 | 130 | | | |

| Sample ID: mb | SampT | ype: ME | BLK | Tes | tCode: El | PA Method | 8021B: Volati | les | | |
|----------------------------|------------|---------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| Client ID: PBW | Batch | ID: R9 | 5078 | F | RunNo: 9 | 5078 | | | | |
| Prep Date: | Analysis D | ate: 3/ | 7/2023 | 8 | SeqNo: 3 | 438298 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 2.0 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 19 | | 20.00 | | 95.8 | 70 | 130 | | | |

| Sample ID: 2303170-013ams | SampT | ype: MS | 3 | Tes | tCode: El | PA Method | 8021B: Volat | iles | | |
|----------------------------|------------|-----------------|-----------|-------------|-----------|-----------|--------------|------|----------|------|
| Client ID: MW-26 | Batch | n ID: R9 | 5078 | F | RunNo: 9 | 5078 | | | | |
| Prep Date: | Analysis D | ate: 3/ | 7/2023 | S | SeqNo: 3 | 439132 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 19 | 1.0 | 20.00 | 0 | 97.5 | 70 | 130 | | | |
| Toluene | 20 | 1.0 | 20.00 | 0 | 98.9 | 70 | 130 | | | |
| Ethylbenzene | 20 | 1.0 | 20.00 | 0 | 99.2 | 70 | 130 | | | |
| Xylenes, Total | 59 | 2.0 | 60.00 | 0 | 98.5 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 20 | | 20.00 | | 97.5 | 70 | 130 | | | |

| Sample ID: 2303170-013amsd | SampT | ype: MS | SD | Tes | tCode: El | PA Method | 8021B: Volati | les | | |
|----------------------------|------------|---------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| Client ID: MW-26 | Batch | ID: R9 | 5078 | F | RunNo: 9 | 5078 | | | | |
| Prep Date: | Analysis D | ate: 3/ | 7/2023 | S | SeqNo: 3 | 439133 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 18 | 1.0 | 20.00 | 0 | 91.5 | 70 | 130 | 6.31 | 20 | |
| Toluene | 19 | 1.0 | 20.00 | 0 | 92.8 | 70 | 130 | 6.38 | 20 | |
| Ethylbenzene | 19 | 1.0 | 20.00 | 0 | 93.3 | 70 | 130 | 6.11 | 20 | |
| Xylenes, Total | 56 | 2.0 | 60.00 | 0 | 93.5 | 70 | 130 | 5.26 | 20 | |
| Surr: 4-Bromofluorobenzene | 19 | | 20.00 | | 97.4 | 70 | 130 | 0 | 0 | |

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 6

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

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page 1047

Received by OCD: 4/24/2024 3:25:30 PM

| Client: 13 5 | n-of-C | Chain-of-Custody Record | Time. | | | I | ALL | ENV | IR | MNC | HALL ENVIRONMENTA | ز بـ |
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| Athi. N | M - tch | k:1/ough | | - 4 | | , | www.hallenvironmental.com | environr | nental | COM. | | |
| Mailing Address: | SS: | | 710000/00 | - + | 490 | 4901 Hawkins NE | s NE - | Albuque | erque, | Albuquerque, NM 87109 | 60 | |
| | | | Project #: | | Те∏ | Tel. 505-345-3975 | 5-3975 | Fax | 505-34 | 505-345-4107 | The second secon | |
| Phone #: | | | | 4 | | | ₹ | Analysis | Request | st | | |
| email or Fax# | # 87 Kil | email or Fax#: M Killongh @ bolcom. com | Project Manager: | 200 | | | | [†] OS | G | (iue | | |
| QA/QC Package: □ Standard | ge: | / □ Level 4 (Full Validation) | dburns a en | ensolum com | 208) 2 29 | bCB. ² | SWIS0 | , PO₄, <u>9</u> | 10//- | esdA\tn | | |
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Page 243.

Page 243.

HALL ENVIRONMENTAL

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| Client: 1+:1 (27) | ĭ¥ Standard □ Rush | ANALYSIS LABORATORY |
| 4th: Mitch Kilongs | Project Name: | www.hallenvironmental.com |
| Mailing Address: | 7 Parker of | 4901 Hawkins NE - Albuquerque, NM 87109 |
| | Project #: | Tel. 505-345-3975 Fax 505-345-4107 |
| Phone #: | A CONTRACTOR OF THE CONTRACTOR | Analysis Request |
| email or Fax#: MK: Il ough @ しい しのゆってのて | Project Manager: Dann Buns | sO ⁴ |
| QA/QC Package: Call Validation Call Valida | 3 | PCB's |
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

June 26, 2023

Mitch Killough HILCORP ENERGY PO Box 4700 Farmington, NM 87499

TEL: (505) 564-0733

FAX:

RE: Standard 1 OrderNo.: 2306949

Dear Mitch Killough:

Hall Environmental Analysis Laboratory received 13 sample(s) on 6/17/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

Indest

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: 2306949

Date Reported: 6/26/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2306949 Standard 1

Project:

Lab ID: 2306949-001 Collection Date: 6/16/2023 11:30:00 AM

Matrix: AQUEOUS Client Sample ID: MW-3

Result RL Qual Units DF Date Analyzed **Batch ID Analyses EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene 16000 200 μg/L 200 6/21/2023 9:55:00 PM R97604 Toluene 1800 200 μg/L 200 6/21/2023 9:55:00 PM R97604 Ethylbenzene 680 200 µg/L 200 6/21/2023 9:55:00 PM R97604 Xylenes, Total 6200 400 μg/L 200 6/21/2023 9:55:00 PM R97604 Surr: 4-Bromofluorobenzene 98.9 52.4-148 %Rec 200 6/21/2023 9:55:00 PM R97604

Lab ID: 2306949-002 **Collection Date:** 6/16/2023 12:20:00 PM

Matrix: AQUEOUS Client Sample ID: MW-8

Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene ND 1.0 µg/L 6/21/2023 10:17:00 PM R97604 Toluene ND R97604 1.0 μg/L 6/21/2023 10:17:00 PM ND 6/21/2023 10:17:00 PM Ethylbenzene 1.0 μg/L 1 2.0 Xylenes, Total ND 6/21/2023 10:17:00 PM R97604 μg/L 1 Surr: 4-Bromofluorobenzene 98.4 52.4-148 %Rec 6/21/2023 10:17:00 PM R97604

Collection Date: 6/16/2023 2:10:00 PM Lab ID: 2306949-003

Client Sample ID: MW-9 Matrix: AQUEOUS

Result RL Qual Units DF Date Analyzed **Batch ID Analyses EPA METHOD 8021B: VOLATILES** Analyst: KMN 21 Benzene 1.0 µg/L 6/21/2023 11:23:00 PM R97604 Toluene 27 6/21/2023 11:23:00 PM R97604 1 0 μg/L 1 Ethylbenzene 1.9 1.0 μg/L 1 6/21/2023 11:23:00 PM R97604 Xylenes, Total 15 2.0 1 6/21/2023 11:23:00 PM R97604 μg/L Surr: 4-Bromofluorobenzene 107 52.4-148 %Rec 6/21/2023 11:23:00 PM R97604

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated

- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 1 of 7

Lab Order: 2306949

Date Reported: 6/26/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2306949

Project: Standard 1

Lab ID: 2306949-004 **Collection Date:** 6/16/2023 10:40:00 AM

Client Sample ID: MW-11 Matrix: AQUEOUS

Result RL Qual Units DF Date Analyzed **Batch ID Analyses EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene ND 1.0 μg/L 1 6/21/2023 11:45:00 PM R97604 Toluene ND 1.0 μg/L 6/21/2023 11:45:00 PM R97604 Ethylbenzene ND 1.0 µg/L 1 6/21/2023 11:45:00 PM R97604 Xylenes, Total ND 2.0 μg/L 1 6/21/2023 11:45:00 PM R97604 Surr: 4-Bromofluorobenzene 97.6 52.4-148 %Rec 6/21/2023 11:45:00 PM R97604

Lab ID: 2306949-005 **Collection Date:** 6/16/2023 9:55:00 AM

Client Sample ID: MW-12 Matrix: AQUEOUS

Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene 52 1.0 µg/L 6/22/2023 12:07:00 AM R97604 Toluene ND 6/22/2023 12:07:00 AM R97604 1.0 μg/L 6/22/2023 12:07:00 AM Ethylbenzene 5.7 1.0 μg/L 1 2.0 Xylenes, Total 6/22/2023 12:07:00 AM R97604 2.9 μg/L 1 Surr: 4-Bromofluorobenzene 117 52.4-148 %Rec 6/22/2023 12:07:00 AM R97604

Lab ID: 2306949-006 **Collection Date:** 6/16/2023 10:04:00 AM

Client Sample ID: MW-15 Matrix: AQUEOUS

Result RL Qual Units DF Date Analyzed **Batch ID Analyses EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene 21000 500 µg/L 500 6/22/2023 9:02:00 PM R97645 Toluene 7600 200 200 6/22/2023 12:29:00 AM R97604 μg/L Ethylbenzene 470 200 μg/L 200 6/22/2023 12:29:00 AM R97604 Xylenes, Total 3500 400 200 6/22/2023 12:29:00 AM R97604 μg/L Surr: 4-Bromofluorobenzene 97.2 52.4-148 %Rec 200 6/22/2023 12:29:00 AM R97604

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D. Sample Diluted Due to Matrix

D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated

- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 7

Lab Order: 2306949

Date Reported: 6/26/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2306949 **Project:** Standard 1 Lab ID: 2306949-007 Collection Date: 6/16/2023 2:30:00 PM Matrix: AQUEOUS Client Sample ID: MW-16 Result RL Qual Units DF Date Analyzed **Batch ID Analyses EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene 100 50 μg/L 50 6/22/2023 9:24:00 PM R97645 Toluene ND 50 μg/L 50 6/22/2023 9:24:00 PM R97645 Ethylbenzene 340 50 6/22/2023 9:24:00 PM R97645 μg/L Xylenes, Total 1100 100 μg/L 50 6/22/2023 9:24:00 PM R97645 Surr: 4-Bromofluorobenzene 102 52.4-148 %Rec 6/22/2023 9:24:00 PM R97645 Lab ID: 2306949-008 **Collection Date:** 6/16/2023 1:30:00 PM Matrix: AQUEOUS Client Sample ID: MW-17 **Analyses** Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene ND 1.0 µg/L 6/22/2023 1:12:00 AM R97604 Toluene ND R97604 1.0 μg/L 6/22/2023 1:12:00 AM ND 6/22/2023 1:12:00 AM Ethylbenzene 1.0 μg/L 1 R97604 2.0 Xylenes, Total ND 6/22/2023 1:12:00 AM R97604 μg/L 1 Surr: 4-Bromofluorobenzene 93.3 52.4-148 %Rec 6/22/2023 1:12:00 AM R97604 **Collection Date:** 6/16/2023 11:45:00 AM Lab ID: 2306949-009 Client Sample ID: MW-18 Matrix: AQUEOUS Result **RL Qual Units** DF Date Analyzed **Batch ID Analyses EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene 1500 20 µg/L 20 6/22/2023 1:34:00 AM R97604 Toluene ND 20 20 6/22/2023 1:34:00 AM R97604 μg/L Ethylbenzene 52 20 μg/L 20 6/22/2023 1:34:00 AM R97604 Xylenes, Total ND 40 20 6/22/2023 1:34:00 AM R97604

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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52.4-148

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value

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6/22/2023 1:34:00 AM

- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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R97604

Surr: 4-Bromofluorobenzene

Lab Order: 2306949

Date Reported: 6/26/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2306949

Project: Standard 1

Lab ID: 2306949-010 **Collection Date:** 6/16/2023 1:45:00 PM

Client Sample ID: MW-19 Matrix: AQUEOUS

Result RL Qual Units DF Date Analyzed **Batch ID Analyses EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene 10000 200 μg/L 200 6/22/2023 1:56:00 AM R97604 Toluene 14000 200 μg/L 200 6/22/2023 1:56:00 AM R97604 Ethylbenzene 1200 200 µg/L 200 6/22/2023 1:56:00 AM R97604 Xylenes, Total 7200 400 μg/L 200 6/22/2023 1:56:00 AM R97604 Surr: 4-Bromofluorobenzene 95.5 52.4-148 %Rec 200 6/22/2023 1:56:00 AM R97604

Lab ID: 2306949-011 **Collection Date:** 6/16/2023 11:10:00 AM

Client Sample ID: MW-22 Matrix: AQUEOUS

Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene ND 2.0 μg/L 2 6/22/2023 2:40:00 AM R97604 Toluene ND 2.0 2 R97604 μg/L 6/22/2023 2:40:00 AM ND 2 6/22/2023 2:40:00 AM Ethylbenzene 2.0 μg/L R97604 Xylenes, Total ND 4.0 2 6/22/2023 2:40:00 AM R97604 μg/L Surr: 4-Bromofluorobenzene 94.6 52.4-148 %Rec 6/22/2023 2:40:00 AM R97604

Lab ID: 2306949-012 **Collection Date:** 6/16/2023 1:10:00 PM

Client Sample ID: MW-23 Matrix: AQUEOUS

Result **RL Qual Units** DF Date Analyzed **Batch ID Analyses EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene ND 2.0 µg/L 2 6/22/2023 3:02:00 AM R97604 Toluene ND 2.0 2 6/22/2023 3:02:00 AM R97604 μg/L Ethylbenzene ND 2.0 μg/L 2 6/22/2023 3:02:00 AM R97604 Xylenes, Total ND 4.0 2 6/22/2023 3:02:00 AM R97604 μg/L Surr: 4-Bromofluorobenzene 92.4 52.4-148 %Rec 2 6/22/2023 3:02:00 AM R97604

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D. Sample Diluted Due to Matrix

D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 7

Lab Order: 2306949

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 6/26/2023

CLIENT: HILCORP ENERGY Lab Order: 2306949

Project: Standard 1

Lab ID: 2306949-013 **Collection Date:** 6/16/2023 1:00:00 PM

Client Sample ID: MW-26 Matrix: AQUEOUS

RL Qual Units DF Date Analyzed **Analyses** Result **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: KMN Benzene ND 6/22/2023 3:23:00 AM R97604 1.0 μg/L 1 Toluene ND R97604 1.0 μg/L 1 6/22/2023 3:23:00 AM Ethylbenzene ND 1.0 μg/L 1 6/22/2023 3:23:00 AM R97604 Xylenes, Total ND 2.0 μg/L 1 6/22/2023 3:23:00 AM R97604 Surr: 4-Bromofluorobenzene 91.5 52.4-148 %Rec 1 6/22/2023 3:23:00 AM R97604

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 7

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2306949**

26-Jun-23

Client: HILCORP ENERGY

Project: Standard 1

| Sample ID: 2306949-002AMS | Samp | Гуре: МЅ | 3 | Tes | tCode: EF | PA Method | 8021B: Volati | les | | |
|----------------------------|------------|------------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| Client ID: MW-8 | Batcl | h ID: R9 | 7604 | F | RunNo: 97 | 7604 | | | | |
| Prep Date: | Analysis [| Date: 6/2 | 21/2023 | 9 | SeqNo: 3 | 550128 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 19 | 1.0 | 20.00 | 0 | 92.6 | 70 | 130 | | | |
| Toluene | 19 | 1.0 | 20.00 | 0 | 94.9 | 70 | 130 | | | |
| Ethylbenzene | 19 | 1.0 | 20.00 | 0 | 95.8 | 70 | 130 | | | |
| Xylenes, Total | 58 | 2.0 | 60.00 | 0 | 96.3 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 20 | | 20.00 | | 102 | 52.4 | 148 | | | |

| Sample ID: 2306949-002AMSD | SampT | ype: MS | D | Tes | tCode: EF | PA Method | 8021B: Volati | es | | |
|----------------------------|------------|---------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| Client ID: MW-8 | Batch | 1D: R9 | 7604 | F | RunNo: 97 | 7604 | | | | |
| Prep Date: | Analysis D | ate: 6/2 | 21/2023 | 5 | SeqNo: 3 | 550129 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 17 | 1.0 | 20.00 | 0 | 86.2 | 70 | 130 | 7.13 | 20 | |
| Toluene | 18 | 1.0 | 20.00 | 0 | 88.5 | 70 | 130 | 6.94 | 20 | |
| Ethylbenzene | 18 | 1.0 | 20.00 | 0 | 90.5 | 70 | 130 | 5.64 | 20 | |
| Xylenes, Total | 55 | 2.0 | 60.00 | 0 | 91.0 | 70 | 130 | 5.63 | 20 | |
| Surr: 4-Bromofluorobenzene | 20 | | 20.00 | | 97.7 | 52.4 | 148 | 0 | 0 | |

| Sample ID: 100ng btex lcs | TestCode: EPA Method 8021B: Volatiles | | | | | | | | | |
|----------------------------|---------------------------------------|--------------|-----------|-------------|----------|----------|-------------|------|----------|------|
| Client ID: LCSW | 7604 | RunNo: 97604 | | | | | | | | |
| Prep Date: | Analysis D | oate: 6/2 | 21/2023 | 5 | SeqNo: 3 | 550141 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 18 | 1.0 | 20.00 | 0 | 87.8 | 70 | 130 | | | |
| Toluene | 18 | 1.0 | 20.00 | 0 | 90.2 | 70 | 130 | | | |
| Ethylbenzene | 18 | 1.0 | 20.00 | 0 | 91.2 | 70 | 130 | | | |
| Xylenes, Total | 55 | 2.0 | 60.00 | 0 | 91.3 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 20 | | 20.00 | | 98.2 | 52.4 | 148 | | | |

| Sample ID: mb | SampType: MBLK TestCode: EPA Met | | | | | PA Method | od 8021B: Volatiles | | | | | |
|----------------------------|----------------------------------|------------------|-----------|--------------|----------|-----------|---------------------|------|----------|------|--|--|
| Client ID: PBW | Batch | 1D: R9 | 7604 | RunNo: 97604 | | | | | | | | |
| Prep Date: | Analysis D | ate: 6/ 2 | 21/2023 | 5 | SeqNo: 3 | 550142 | Units: µg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Benzene | ND | 1.0 | | | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | | | |
| Xylenes, Total | ND | 2.0 | | | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 20 | | 20.00 | | 99.2 | 52.4 | 148 | | | | | |

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 7

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2306949**

26-Jun-23

Client: HILCORP ENERGY

Project: Standard 1

| Sample ID: 100ng btex Ics | SampT | Гуре: LC | S | TestCode: EPA Method 8021B: Volatiles | | | | | | |
|----------------------------|------------|-----------------|-----------|---------------------------------------|----------|----------|-------------|------|----------|------|
| Client ID: LCSW | Batcl | h ID: R9 | 7645 | F | 7645 | | | | | |
| Prep Date: | Analysis D | Date: 6/2 | 22/2023 | 9 | SeqNo: 3 | 551414 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 16 | 1.0 | 20.00 | 0 | 80.9 | 70 | 130 | | | |
| Toluene | 17 | 1.0 | 20.00 | 0 | 83.8 | 70 | 130 | | | |
| Ethylbenzene | 17 | 1.0 | 20.00 | 0 | 85.4 | 70 | 130 | | | |
| Xylenes, Total | 52 | 2.0 | 60.00 | 0 | 86.2 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 105 | 52.4 | 148 | | | |

| Sample ID: mb | SampT | уре: МЕ | BLK | TestCode: EPA Method 8021B: Volatiles | | | | | | |
|----------------------------|-------------------------|------------------|-----------|---------------------------------------|-----------|----------|-------------|------|----------|------|
| Client ID: PBW | Batch ID: R97645 | | | F | RunNo: 97 | 7645 | | | | |
| Prep Date: | Analysis D | ate: 6/ 2 | 22/2023 | 9 | SeqNo: 3 | 551415 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 2.0 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 107 | 52.4 | 148 | | | |

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 7



Hall Environmental Analysis Laboratory
4901 Hawkins NE

Albuquerque. NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

L: 303-343-39/3 FAX: 303-343-410/ Website: www.ballenvironmental.com

Sample Log-In Check List

Released to Imaging: 6/3/2024 11:22:17 AM

| | weosne. ww | w.natienvironmental | .com | | |
|--|---------------------------------|---------------------|-------------|-------------------|-------------------|
| Client Name: Hilcorp Energy | Work Order Num | nber: 2306949 | | RcptNo: 1 | |
| Received By: Tracy Casarrub | ias 6/17/2023 7:50:00 | АМ | | | |
| Completed By: Tracy Casarrub | | 4 AM | | | |
| Reviewed By: Hacy Casalina Reviewed By: 6-19-2 | | - A VIAI | | | |
| Reviewed By. | | | | | |
| Chain of Custody | | | | | |
| 1. Is Chain of Custody complete? | | Yes 🗌 | No 🗸 | Not Present | |
| 2. How was the sample delivered? | | <u>Courier</u> | | | |
| <u>Log In</u> | | | 🗂 | | |
| 3. Was an attempt made to cool th | e samples? | Yes 🗹 | No 🗌 | na 🗆 | |
| 4. Were all samples received at a t | emperature of >0° C to 6.0°C | Yes 🗹 | No 🗆 | NA 🗌 | |
| 5. Sample(s) in proper container(s |)? | Yes 🗸 | No 🗌 | | |
| 6. Sufficient sample volume for ind | icated test(s)? | Yes 🗹 | No 🗀 | | |
| 7. Are samples (except VOA and C | NG) properly preserved? | Yes 🗹 | No 🗌 | | |
| 8. Was preservative added to bottle | es? | Yes | No 🗹 | NA 🗆 | |
| 9. Received at least 1 vial with hea | dspace <1/4" for AQ VOA? | Yes 🗹 | No 🗆 | NA \square | |
| 10. Were any sample containers red | ceived broken? | Yes | No 🗹 | # of preserved | |
| | | _ | | bottles checked | |
| 11. Does paperwork match bottle lal | | Yes 🗹 | No ∐ | for pH: (<2 or >1 | 12 unless noted) |
| (Note discrepancies on chain of 2 Are matrices correctly identified | | Yes 🗹 | No 🗆 | Adjusted? | iz dineso jipico) |
| 3. Is it clear what analyses were re | • | Yes ✓ | No 🗌 | | - |
| 14. Were all holding times able to be | | Yes ✓ | No 🗆 | enecked by: 30 | 16/1al |
| (If no, notify customer for author | | 100 🖭 | 4 | | 11 1 |
| Special Handling (if applica | <u>ble)</u> | | | | |
| 15. Was client notified of all discrep | ancies with this order? | Yes 🗌 | No 🗌 | NA 🗹 | |
| Person Notified: | Date | e: | | | |
| By Whom: | Via: | ☐ eMail ☐ F | hone 🗌 Fax | ☐ In Person | |
| Regarding: | | | | | |
| Client Instructions: Mailin | ng address and phone number ar | e missing on COC- | TMC 6/17/23 | | |
| 16. Additional remarks: | | | | | |
| 17. Cooler Information | | | | | |
| | ndition Seal Intact Seal No | Seal Date | Signed By | | |
| 1 2.5 Goo | d Yes Yogi | | | | |

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Received by OCD: 4/24/2024 3:25:30 PM

| Chain-of-Custody Record | Turn-Around Time: | HALL ENVIRONMENTAL |
|--|---|--|
| Client: []: [| ☑ Standard □ Rush | |
| | Project Name: | www.hallenvironmental.com |
| Mailing Address: | Stangard | 4901 Hawkins NE - Albuquerque, NM 87109 |
| | # | Tel. 505-345-3975 Fax 505-345-4107 |
| Phone #: | 300 | sis Requ |
| email or Fax#: brandon, Sinclair Ohiloorp.com Project Manager: | Project Manager: | SO ₄ |
| QA/QC Package: | Mitch Killowah | .0SIW3 |
| □ Az Cor | Sampler: Brandon Sinclair | S/808/s (1.407) 728 10 8 8 8 8 |
| NELAC Ottler FDD (Type) | Ch. | Sebio boo 310 310 Hetals NO (A |
| | Cooler Temp(Including CF): 2.6-0.1-2.5 (°C) | orsti Meth by 8 Br, VOA Sem |
| j | Container Preservative HEAL No. | BTEX TPH:86 8081 F PAHs RCRA 8260 (8270 (8270 (|
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| | POOL | |
| | CIO | |
| 1110 MW-22 | 010 | |
| 1310 MW-23 | SIL | |
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Released to Imaging: 6/3/2024 11:22:17 AM

iaboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. Released to Imaging: 6/3/2024 11:22:17 AM



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

September 21, 2023

Mitch Killough HILCORP ENERGY PO Box 4700 Farmington, NM 87499

TEL: (505) 564-0733

FAX:

RE: Standard 1 OrderNo.: 2309934

Dear Mitch Killough:

Hall Environmental Analysis Laboratory received 13 sample(s) on 9/16/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-3

 Project:
 Standard 1
 Collection Date: 9/15/2023 12:45:00 PM

 Lab ID:
 2309934-001
 Matrix: AQUEOUS
 Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|-----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | 18000 | 200 | μg/L | 200 | 9/19/2023 1:43:13 AM |
| Toluene | 1000 | 200 | μg/L | 200 | 9/19/2023 1:43:13 AM |
| Ethylbenzene | 650 | 200 | μg/L | 200 | 9/19/2023 1:43:13 AM |
| Xylenes, Total | 5800 | 400 | μg/L | 200 | 9/19/2023 1:43:13 AM |
| Surr: 4-Bromofluorobenzene | 105 | 52.4-148 | %Rec | 200 | 9/19/2023 1:43:13 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 1 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-8

 Project:
 Standard 1
 Collection Date: 9/14/2023 12:15:00 PM

 Lab ID:
 2309934-002
 Matrix: AQUEOUS
 Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 1.0 | μg/L | 1 | 9/19/2023 2:06:42 AM |
| Toluene | ND | 1.0 | μg/L | 1 | 9/19/2023 2:06:42 AM |
| Ethylbenzene | ND | 1.0 | μg/L | 1 | 9/19/2023 2:06:42 AM |
| Xylenes, Total | ND | 2.0 | μg/L | 1 | 9/19/2023 2:06:42 AM |
| Surr: 4-Bromofluorobenzene | 103 | 52.4-148 | %Rec | 1 | 9/19/2023 2:06:42 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-9

 Project:
 Standard 1
 Collection Date: 9/15/2023 11:50:00 AM

 Lab ID:
 2309934-003
 Matrix: AQUEOUS
 Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|----|-----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | 1100 | 20 | μg/L | 20 | 9/19/2023 10:53:19 AM |
| Toluene | 3.6 | 1.0 | μg/L | 1 | 9/19/2023 2:30:21 AM |
| Ethylbenzene | 78 | 1.0 | μg/L | 1 | 9/19/2023 2:30:21 AM |
| Xylenes, Total | 1400 | 40 | μg/L | 20 | 9/19/2023 10:53:19 AM |
| Surr: 4-Bromofluorobenzene | 104 | 52.4-148 | %Rec | 20 | 9/19/2023 10:53:19 AM |
| Surr: 4-Bromofluorobenzene | 106 | 52.4-148 | %Rec | 1 | 9/19/2023 2:30:21 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 3 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-11

 Project:
 Standard 1
 Collection Date: 9/14/2023 10:50:00 AM

 Lab ID:
 2309934-004
 Matrix: AQUEOUS
 Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 1.0 | μg/L | 1 | 9/19/2023 2:53:55 AM |
| Toluene | ND | 1.0 | μg/L | 1 | 9/19/2023 2:53:55 AM |
| Ethylbenzene | ND | 1.0 | μg/L | 1 | 9/19/2023 2:53:55 AM |
| Xylenes, Total | ND | 2.0 | μg/L | 1 | 9/19/2023 2:53:55 AM |
| Surr: 4-Bromofluorobenzene | 99.0 | 52.4-148 | %Rec | 1 | 9/19/2023 2:53:55 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

opering Limit Page 4 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-12

 Project:
 Standard 1
 Collection Date: 9/14/2023 10:25:00 AM

 Lab ID:
 2309934-005
 Matrix: AQUEOUS
 Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | 48 | 1.0 | μg/L | 1 | 9/19/2023 3:17:32 AM |
| Toluene | ND | 1.0 | μg/L | 1 | 9/19/2023 3:17:32 AM |
| Ethylbenzene | 5.6 | 1.0 | μg/L | 1 | 9/19/2023 3:17:32 AM |
| Xylenes, Total | ND | 2.0 | μg/L | 1 | 9/19/2023 3:17:32 AM |
| Surr: 4-Bromofluorobenzene | 114 | 52.4-148 | %Rec | 1 | 9/19/2023 3:17:32 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-15

 Project:
 Standard 1
 Collection Date: 9/14/2023 1:05:00 PM

 Lab ID:
 2309934-006
 Matrix: AQUEOUS
 Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|-----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | 29000 | 500 | μg/L | 500 | 9/19/2023 3:41:10 AM |
| Toluene | 10000 | 500 | μg/L | 500 | 9/19/2023 3:41:10 AM |
| Ethylbenzene | 590 | 500 | μg/L | 500 | 9/19/2023 3:41:10 AM |
| Xylenes, Total | 4300 | 1000 | μg/L | 500 | 9/19/2023 3:41:10 AM |
| Surr: 4-Bromofluorobenzene | 104 | 52.4-148 | %Rec | 500 | 9/19/2023 3:41:10 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

QL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-16

 Project:
 Standard 1
 Collection Date: 9/14/2023 1:25:00 PM

 Lab ID:
 2309934-007
 Matrix: AQUEOUS
 Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | 130 | 50 | μg/L | 50 | 9/19/2023 4:51:44 AM |
| Toluene | ND | 50 | μg/L | 50 | 9/19/2023 4:51:44 AM |
| Ethylbenzene | 410 | 50 | μg/L | 50 | 9/19/2023 4:51:44 AM |
| Xylenes, Total | 1200 | 100 | μg/L | 50 | 9/19/2023 4:51:44 AM |
| Surr: 4-Bromofluorobenzene | 107 | 52.4-148 | %Rec | 50 | 9/19/2023 4:51:44 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 7 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-17

 Project:
 Standard 1
 Collection Date: 9/14/2023 2:15:00 PM

 Lab ID:
 2309934-008
 Matrix: AQUEOUS
 Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 1.0 | μg/L | 1 | 9/19/2023 5:15:12 AM |
| Toluene | ND | 1.0 | μg/L | 1 | 9/19/2023 5:15:12 AM |
| Ethylbenzene | ND | 1.0 | μg/L | 1 | 9/19/2023 5:15:12 AM |
| Xylenes, Total | ND | 2.0 | μg/L | 1 | 9/19/2023 5:15:12 AM |
| Surr: 4-Bromofluorobenzene | 104 | 52.4-148 | %Rec | 1 | 9/19/2023 5:15:12 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 8 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-18

Project: Standard 1 **Collection Date:** 9/14/2023 11:45:00 AM 2309934-009 Lab ID: Matrix: AQUEOUS Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|-----|-----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | 5900 | 100 | μg/L | 100 | 9/19/2023 12:03:52 PM |
| Toluene | ND | 50 | μg/L | 50 | 9/19/2023 4:28:16 AM |
| Ethylbenzene | 280 | 50 | μg/L | 50 | 9/19/2023 4:28:16 AM |
| Xylenes, Total | ND | 100 | μg/L | 50 | 9/19/2023 4:28:16 AM |
| Surr: 4-Bromofluorobenzene | 106 | 52.4-148 | %Rec | 50 | 9/19/2023 4:28:16 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 9 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-19

 Project:
 Standard 1
 Collection Date: 9/14/2023 2:50:00 PM

 Lab ID:
 2309934-010
 Matrix: AQUEOUS
 Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|-----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | 9700 | 200 | μg/L | 200 | 9/19/2023 4:04:43 AM |
| Toluene | 15000 | 200 | μg/L | 200 | 9/19/2023 4:04:43 AM |
| Ethylbenzene | 1200 | 200 | μg/L | 200 | 9/19/2023 4:04:43 AM |
| Xylenes, Total | 8200 | 400 | μg/L | 200 | 9/19/2023 4:04:43 AM |
| Surr: 4-Bromofluorobenzene | 105 | 52.4-148 | %Rec | 200 | 9/19/2023 4:04:43 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 10 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-22

 Project:
 Standard 1
 Collection Date: 9/14/2023 11:15:00 AM

 Lab ID:
 2309934-011
 Matrix: AQUEOUS
 Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 1.0 | μg/L | 1 | 9/19/2023 6:02:10 AM |
| Toluene | ND | 1.0 | μg/L | 1 | 9/19/2023 6:02:10 AM |
| Ethylbenzene | ND | 1.0 | μg/L | 1 | 9/19/2023 6:02:10 AM |
| Xylenes, Total | ND | 2.0 | μg/L | 1 | 9/19/2023 6:02:10 AM |
| Surr: 4-Bromofluorobenzene | 102 | 52.4-148 | %Rec | 1 | 9/19/2023 6:02:10 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 11 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-23

 Project:
 Standard 1
 Collection Date: 9/15/2023 2:30:00 PM

 Lab ID:
 2309934-012
 Matrix: AQUEOUS
 Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 1.0 | μg/L | 1 | 9/19/2023 6:25:40 AM |
| Toluene | ND | 1.0 | μg/L | 1 | 9/19/2023 6:25:40 AM |
| Ethylbenzene | ND | 1.0 | μg/L | 1 | 9/19/2023 6:25:40 AM |
| Xylenes, Total | ND | 2.0 | μg/L | 1 | 9/19/2023 6:25:40 AM |
| Surr: 4-Bromofluorobenzene | 98.6 | 52.4-148 | %Rec | 1 | 9/19/2023 6:25:40 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 12 of 14

Date Reported: 9/21/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: MW-26

Project: Standard 1 Collection Date: 9/14/2023 12:55:00 PM 2309934-013 Matrix: AQUEOUS Lab ID: Received Date: 9/16/2023 7:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-----------------------------|--------|----------|----------|----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 1.0 | μg/L | 1 | 9/19/2023 6:49:04 AM |
| Toluene | ND | 1.0 | μg/L | 1 | 9/19/2023 6:49:04 AM |
| Ethylbenzene | ND | 1.0 | μg/L | 1 | 9/19/2023 6:49:04 AM |
| Xylenes, Total | ND | 2.0 | μg/L | 1 | 9/19/2023 6:49:04 AM |
| Surr: 4-Bromofluorobenzene | 102 | 52.4-148 | %Rec | 1 | 9/19/2023 6:49:04 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value Ε
- J Analyte detected below quantitation limits
- RL Reporting Limit

Sample pH Not In Range Page 13 of 14

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309934**

21-Sep-23

Client: HILCORP ENERGY

Project: Standard 1

| Sample ID: 100ng btex lcs | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8021B: Volatil | es | | |
|----------------------------|------------|----------------|-----------|-------------|-----------|-----------|----------------|------|----------|------|
| Client ID: LCSW | Batch | n ID: BW | /99776 | F | RunNo: 9 | 9776 | | | | |
| Prep Date: | Analysis D | Date: 9/ | 18/2023 | 5 | SeqNo: 30 | 647541 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 20 | 1.0 | 20.00 | 0 | 100 | 70 | 130 | | | |
| Toluene | 20 | 1.0 | 20.00 | 0 | 99.9 | 70 | 130 | | | |
| Ethylbenzene | 20 | 1.0 | 20.00 | 0 | 99.7 | 70 | 130 | | | |
| Xylenes, Total | 61 | 2.0 | 60.00 | 0 | 101 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 20 | | 20.00 | | 102 | 52.4 | 148 | | | |

| Sample ID: mb | SampT | уре: МЕ | BLK | Tes | tCode: EF | PA Method | 8021B: Volatil | es | | |
|----------------------------|------------|----------------|-----------|-------------|-----------|-----------|----------------|------|----------|------|
| Client ID: PBW | Batch | ID: BW | /99776 | F | RunNo: 99 | 9776 | | | | |
| Prep Date: | Analysis D | ate: 9/ | 18/2023 | 5 | SeqNo: 36 | 647548 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 2.0 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 103 | 52.4 | 148 | | | |

| Sample ID: 2309934-013ams | SampT | ype: MS | ; | Tes | tCode: EF | PA Method | 8021B: Volatil | es | | |
|----------------------------|------------|------------------|-----------|-------------|-----------|-----------|----------------|------|----------|------|
| Client ID: MW-26 | Batch | ID: BW | /99776 | F | RunNo: 99 | 9776 | | | | |
| Prep Date: | Analysis D | ate: 9/ 1 | 19/2023 | 5 | SeqNo: 36 | 647562 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 20 | 1.0 | 20.00 | 0 | 100 | 70 | 130 | | | |
| Toluene | 20 | 1.0 | 20.00 | 0 | 101 | 70 | 130 | | | |
| Ethylbenzene | 20 | 1.0 | 20.00 | 0 | 101 | 70 | 130 | | | |
| Xylenes, Total | 61 | 2.0 | 60.00 | 0 | 102 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 107 | 52.4 | 148 | | | |

| Sample ID: 2309934-013amsd | SampT | ype: MS | D | Tes | tCode: EF | PA Method | 8021B: Volatil | les | | |
|----------------------------|------------|----------------|-----------|-------------|-----------|-----------|----------------|------|----------|------|
| Client ID: MW-26 | Batch | ı ID: BW | /99776 | F | RunNo: 99 | 9776 | | | | |
| Prep Date: | Analysis D | ate: 9/ | 19/2023 | 5 | SeqNo: 36 | 647563 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 19 | 1.0 | 20.00 | 0 | 96.4 | 70 | 130 | 3.93 | 20 | |
| Toluene | 19 | 1.0 | 20.00 | 0 | 97.3 | 70 | 130 | 3.98 | 20 | |
| Ethylbenzene | 20 | 1.0 | 20.00 | 0 | 98.3 | 70 | 130 | 2.23 | 20 | |
| Xylenes, Total | 59 | 2.0 | 60.00 | 0 | 99.0 | 70 | 130 | 2.61 | 20 | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 107 | 52.4 | 148 | 0 | 0 | |

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 14 of 14

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

| Client Name: | HILCORP ENERGY | Work Order Num | nber: 2309934 | | RcptNo: 1 | |
|----------------------|---|------------------------|---------------|-------------|---------------------------------------|---------------|
| Received By: | Juan Rojas | 9/16/2023 7:00:00 | АМ | Juan Engl | | |
| Completed By: | Desiree Dominguez | 9/18/2023 10:14:3 | 3 AM | T | | |
| Reviewed By: | - | 9/18/23 | | | | |
| Chain of Cust | tody | | | | | |
| 1. Is Chain of Cu | stody complete? | | Yes 🗌 | No 🗹 | Not Present | |
| 2. How was the | sample delivered? | | Courier | | | |
| Log In | | | | | | |
| | pt made to cool the samp | les? | Yes 🗹 | No 🗌 | NA \square | |
| 4. Were all samp | les received at a tempera | ture of >0° C to 6.0°C | Yes 🗹 | No 🗌 | na 🗆 | |
| 5. Sample(s) in p | proper container(s)? | | Yes 🗹 | No 🗌 | | |
| 6. Sufficient sam | ple volume for indicated to | est(s)? | Yes 🗹 | No 🗌 | | |
| 7. Are samples (| except VOA and ONG) pro | operly preserved? | Yes 🗹 | No 🗌 | | |
| 8. Was preserval | tive added to bottles? | | Yes 🗌 | No 🗹 | NA 🗌 | |
| 9. Received at le | ast 1 vial with headspace | <1/4" for AQ VOA? | Yes 🗹 | No 🗌 | NA 🗌 | |
| 10. Were any san | nple containers received b | roken? | Yes 🗌 | No 🗹 | # of preserved | |
| | ork match bottle labels? |) | Yes 🗹 | No 🗆 | bottles checked for pH: (<2 or >12 | unless noted) |
| 12. Are matrices of | correctly identified on Chai | n of Custody? | Yes 🗹 | No 🗌 | Adjusted? | |
| 13. Is it clear what | analyses were requested | ? | Yes 🗹 | No 🗌 | ICIN | 1 alab |
| | ng times able to be met? ustomer for authorization.) | | Yes 🗹 | No 🗆 | Checked by: U | 1 4/18/0 |
| Special Handl | ing (if applicable) | | | | | |
| 15. Was client no | tified of all discrepancies | with this order? | Yes 🗌 | No 🗆 | NA 🗹 | |
| Person | Notified: | Date | e: [| | | |
| By Who | om: | Via: | eMail | Phone 🗌 Fax | ☐ In Person | |
| Regard | ing: | | | | | |
| Client In | nstructions: | | | | | |
| 16. Additional re | marks: | | | | | |
| Client d | id not provide address or | phone number on COC | DAD 9/18/23 | | | |
| 17. Cooler Infor | | | | | | |
| Cooler No | | Seal Intact Seal No | Seal Date | Signed By | | |
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| Chain-of-Custody Record | Turn-Around Time: | - |
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| Client: 1, / | 也 Standard | ANALYSIS LABORALORI |
| 111606 | Project Name: | www.hallenvironmental.com |
| Mailing Address: | 5 + 2 1 2 2 2 3 | 4901 Hawkins NE - Albuquerque, NM 87109 |
| | Project #: | Tel. 505-345-3975 Fax 505-345-4107 Analysis Request |
| | Project Manager: | †OS |
| email or Fax#: brandon, Sinchitelalleorp. Colo | | 8'8: SM 8,₄C |
| QA/QC Package: Call Validation) | Mitch Killongh | \ OS(2) OS(2) OS(3) OS(2) OS(2 |
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| 9-[5 430 MW-23 | Received by: Via: Date Time | Remarks: |
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| Chain-of-Custody Record | Turn-Around Time: | HALL ENVIRONMENTAL |
|--|--|--|
| Client: Hilcorp | ☑ Standard □ Rush | ANALYSIS LABORATORY |
| | Project Name: | www.hallenvironmental.com |
| Mailing Address: | Standard | 4901 Hawkins NE - Albuquerque, NM 87109 |
| | | Tel. 505-345-3975 Fax 505-345-4107 |
| Phone #: | | Analysis Request |
| email or Fax#: brandon. S; nclair) hillorprono | Project Manager: | *OS |
| AA/QC Package: □ Standard □ Level 4 (Full Validation) | Mitch Killangh | 3O / MF 1904, 3 1904, 3 |
| Accreditation: ☐ Az Compliance ☐ Other | Sampler: Brandon Sinclair | S/808/s/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/ |
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Released to Imaging: 0/3/2024 17.22; If AM and be subcontracted to the accredited laborator



Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

January 03, 2024

Mitch Killough HILCORP ENERGY PO Box 4700 Farmington, NM 87499

TEL: (505) 564-0733

FAX:

RE: Standard 1 OrderNo.: 2312989

Dear Mitch Killough:

Eurofins Environment Testing South Central, LLC received 11 sample(s) on 12/16/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: **2312989**Date Reported: **1/3/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2312989

Project: Standard 1

Lab ID: 2312989-001 **Collection Date:** 12/14/2023 1:15:00 PM

Client Sample ID: MW-8 Matrix: AQUEOUS

RL Qual Units DF Date Analyzed **Analyses** Result **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: RAA ND 12/22/2023 7:13:00 PM BW 102 Renzene 1.0 µg/L 1 Toluene ND 12/22/2023 7:13:00 PM BW 102 1.0 µg/L Ethylbenzene ND 1 0 μg/L 1 12/22/2023 7:13:00 PM BW 102 12/22/2023 7:13:00 PM BW 102 Xylenes, Total ND 20 μg/L 1 Surr: 4-Bromofluorobenzene 102 52.4-148 %Rec 12/22/2023 7:13:00 PM BW 102

Lab ID: 2312989-002 **Collection Date:** 12/15/2023 1:40:00 PM

Client Sample ID: MW-9 Matrix: AQUEOUS

Result RL Qual Units DF Date Analyzed Analyses Batch ID **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene 1100 100 100 12/24/2023 4:50:00 PM BW 102 μg/L Toluene ND 10 12/24/2023 5:12:00 PM BW 102 µg/L Ethylbenzene 10 12/24/2023 5:12:00 PM BW 102 96 µg/L 10 Xylenes, Total 290 20 µg/L 12/24/2023 5:12:00 PM BW 102 Surr: 4-Bromofluorobenzene 104 52.4-148 %Rec 12/24/2023 5:12:00 PM BW 102

Lab ID: 2312989-003 **Collection Date:** 12/14/2023 11:40:00 AM

Client Sample ID: MW-11 Matrix: AQUEOUS

RL Qual Units DF Date Analyzed **Analyses** Result **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: RAA 12/22/2023 8:18:00 PM Benzene ND 1.0 μg/L 1 BW 102 Toluene ND 1.0 µg/L 1 12/22/2023 8:18:00 PM BW 102 Ethylbenzene ND 1.0 1 BW 102 µg/L 12/22/2023 8:18:00 PM Xylenes, Total ND 2.0 12/22/2023 8:18:00 PM BW 102 µg/L 1 Surr: 4-Bromofluorobenzene 101 %Rec 52.4-148 12/22/2023 8:18:00 PM BW 102

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Lim
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Lab Order: **2312989**Date Reported: **1/3/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2312989

Project: Standard 1

Lab ID: 2312989-004 **Collection Date:** 12/14/2023 11:00:00 AM

Client Sample ID: MW-12 Matrix: AQUEOUS

RL Qual Units DF Date Analyzed **Analyses** Result **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: RAA 12/22/2023 8:40:00 PM BW 102 Renzene 5.3 1.0 µg/L 1 Toluene ND 12/22/2023 8:40:00 PM BW 102 1.0 µg/L Ethylbenzene 1 1 1 0 µg/L 1 12/22/2023 8:40:00 PM BW 102 BW 102 Xylenes, Total NΠ 20 µg/L 1 12/22/2023 8:40:00 PM Surr: 4-Bromofluorobenzene 109 52.4-148 %Rec 12/22/2023 8:40:00 PM BW 102

Lab ID: 2312989-005 **Collection Date:** 12/15/2023 12:25:00 PM

Client Sample ID: MW-16 Matrix: AQUEOUS

RL Qual Units DF Date Analyzed Analyses Result Batch ID **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene 20 12/24/2023 5:34:00 PM BW 102 89 μg/L 20 Toluene ND 20 12/24/2023 5:34:00 PM BW 102 µg/L Ethylbenzene 380 20 BW 102 µg/L 20 12/24/2023 5:34:00 PM Xylenes, Total 490 40 µg/L 20 12/24/2023 5:34:00 PM BW 102 Surr: 4-Bromofluorobenzene 52.4-148 %Rec 12/24/2023 5:34:00 PM BW 102 116

Lab ID: 2312989-006 **Collection Date:** 12/15/2023 11:30:00 AM

Client Sample ID: MW-17 Matrix: AQUEOUS

RL Qual Units DF Date Analyzed **Analyses** Result **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 1.0 μg/L 1 12/24/2023 5:55:00 PM BW 102 Toluene ND 1.0 µg/L 1 12/24/2023 5:55:00 PM BW 102 Ethylbenzene ND 1.0 1 BW 102 µg/L 12/24/2023 5:55:00 PM Xylenes, Total ND 2.0 12/24/2023 5:55:00 PM BW 102 µg/L 1 Surr: 4-Bromofluorobenzene 101 %Rec 52.4-148 12/24/2023 5:55:00 PM BW 102

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Lis
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Lab Order: **2312989**Date Reported: **1/3/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2312989

Project: Standard 1

Lab ID: 2312989-007 **Collection Date:** 12/14/2023 12:45:00 PM

Client Sample ID: MW-18 Matrix: AQUEOUS

RL Qual Units DF Date Analyzed **Analyses** Result **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: RAA 200 200 12/24/2023 6:17:00 PM BW 102 Renzene 5500 µg/L Toluene ND 20 12/24/2023 6:39:00 PM BW 102 µg/L Ethylbenzene 330 20 µg/L 12/24/2023 6:39:00 PM BW 102 40 BW 102 Xylenes, Total ND µg/L 20 12/24/2023 6:39:00 PM Surr: 4-Bromofluorobenzene 112 52.4-148 %Rec 20 12/24/2023 6:39:00 PM BW 102

Lab ID: 2312989-008 **Collection Date:** 12/15/2023 1:05:00 PM

Client Sample ID: MW-19 Matrix: AQUEOUS

RL Qual Units DF Date Analyzed Analyses Result Batch ID **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene 7700 200 200 12/24/2023 7:01:00 PM BW 102 μg/L Toluene 14000 200 200 12/24/2023 7:01:00 PM BW 102 µg/L Ethylbenzene 1300 200 200 12/24/2023 7:01:00 PM BW 102 µg/L Xylenes, Total 8100 400 µg/L 200 12/24/2023 7:01:00 PM BW 102 Surr: 4-Bromofluorobenzene 102 52.4-148 %Rec 200 12/24/2023 7:01:00 PM BW102

Lab ID: 2312989-009 **Collection Date:** 12/14/2023 12:15:00 PM

Client Sample ID: MW-22 Matrix: AQUEOUS

RL Qual Units DF Date Analyzed Analyses Result **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 1.0 μg/L 1 12/22/2023 9:02:00 PM BW 102 Toluene ND 1.0 μg/L 1 12/22/2023 9:02:00 PM BW 102 Ethylbenzene ND 1.0 1 BW 102 µg/L 12/22/2023 9:02:00 PM Xylenes, Total ND 2.0 12/22/2023 9:02:00 PM BW 102 µg/L 1 Surr: 4-Bromofluorobenzene 101 %Rec 52.4-148 12/22/2023 9:02:00 PM BW 102

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Li
- S % Recovery outside of standard limits. If undiluted results may be estimated
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Lab Order: **2312989**Date Reported: **1/3/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Lab Order: 2312989

Project: Standard 1

Lab ID: 2312989-010 **Collection Date:** 12/14/2023 2:55:00 PM

Client Sample ID: MW-23 Matrix: AQUEOUS

RL Qual Units DF Date Analyzed **Analyses** Result **Batch ID EPA METHOD 8021B: VOLATILES** Analyst: RAA ND 12/22/2023 9:24:00 PM BW 102 Renzene 1.0 µg/L 1 Toluene ND 1.0 12/22/2023 9:24:00 PM µg/L Ethylbenzene ND 1.0 μg/L 1 12/22/2023 9:24:00 PM BW 102 Xylenes, Total ND 2.0 12/22/2023 9:24:00 PM BW102 μg/L 1 Surr: 4-Bromofluorobenzene 100 52.4-148 %Rec 12/22/2023 9:24:00 PM BW 102

Lab ID: 2312989-011 **Collection Date:** 12/14/2023 2:05:00 PM

Client Sample ID: MW-26 Matrix: AQUEOUS

Result RL Qual Units DF Date Analyzed **Batch ID** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 12/22/2023 9:46:00 PM BW 102 1.0 μg/L 1 Toluene ND 1.0 12/22/2023 9:46:00 PM BW 102 µg/L ND Ethylbenzene 1.0 1 BW 102 µg/L 12/22/2023 9:46:00 PM Xylenes, Total ND 2.0 µg/L 1 12/22/2023 9:46:00 PM BW 102 Surr: 4-Bromofluorobenzene 102 52.4-148 %Rec 12/22/2023 9:46:00 PM BW 102

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2312989**

03-Jan-24

Client: HILCORP ENERGY

Project: Standard 1

| Sample ID: 100ng btex Ics | Samp | Type: LC | S | Tes | tCode: EF | PA Method | 8021B: Volati | les | | |
|----------------------------|------------|-----------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| Client ID: LCSW | Batcl | h ID: BW | /102049 | F | RunNo: 10 | 02049 | | | | |
| Prep Date: | Analysis [| Date: 12 | 2/22/2023 | 5 | SeqNo: 3 | 766006 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 20 | 1.0 | 20.00 | 0 | 101 | 70 | 130 | | | |
| Toluene | 21 | 1.0 | 20.00 | 0 | 103 | 70 | 130 | | | |
| Ethylbenzene | 21 | 1.0 | 20.00 | 0 | 106 | 70 | 130 | | | |
| Xylenes, Total | 64 | 2.0 | 60.00 | 0 | 107 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 104 | 52.4 | 148 | | | |

| Sample ID: mb | SampT | уре: МВ | BLK | Tes | tCode: EF | PA Method | 8021B: Volatil | es | | |
|----------------------------|------------|----------------|-----------|-------------|------------------|-----------|----------------|------|----------|------|
| Client ID: PBW | Batch | ID: BW | /102049 | F | RunNo: 10 | 2049 | | | | |
| Prep Date: | Analysis D | ate: 12 | /22/2023 | 5 | SeqNo: 37 | 766007 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 2.0 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 20 | | 20.00 | | 101 | 52.4 | 148 | | | |

| Sample ID: 2312989-001ams | SampT | ype: MS | ; | Tes | tCode: EF | PA Method | 8021B: Volati | les | | |
|----------------------------|------------|-----------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| Client ID: MW-8 | Batcl | n ID: BW | /102049 | F | RunNo: 10 | 02049 | | | | |
| Prep Date: | Analysis D |)ate: 12 | /22/2023 | 5 | SeqNo: 3 | 768238 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 20 | 1.0 | 20.00 | 0 | 102 | 70 | 130 | | | |
| Toluene | 21 | 1.0 | 20.00 | 0 | 103 | 70 | 130 | | | |
| Ethylbenzene | 21 | 1.0 | 20.00 | 0.3680 | 102 | 70 | 130 | | | |
| Xylenes, Total | 62 | 2.0 | 60.00 | 0 | 104 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 103 | 52.4 | 148 | | | |

| Sample ID: 2312989-001amsd | SampT | ype: MS | D | Tes | tCode: EF | PA Method | 8021B: Volati | les | | |
|----------------------------|------------|-----------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| Client ID: MW-8 | Batch | ı ID: BW | /102049 | F | RunNo: 10 | 02049 | | | | |
| Prep Date: | Analysis D | ate: 12 | /22/2023 | 5 | SeqNo: 3 | 768239 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 20 | 1.0 | 20.00 | 0 | 99.9 | 70 | 130 | 2.02 | 20 | |
| Toluene | 20 | 1.0 | 20.00 | 0 | 100 | 70 | 130 | 2.19 | 20 | |
| Ethylbenzene | 20 | 1.0 | 20.00 | 0.3680 | 99.8 | 70 | 130 | 2.06 | 20 | |
| Xylenes, Total | 61 | 2.0 | 60.00 | 0 | 102 | 70 | 130 | 2.01 | 20 | |
| Surr: 4-Bromofluorobenzene | 20 | | 20.00 | | 100 | 52.4 | 148 | 0 | 0 | |

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2312989 03-Jan-24

WO#:

Client: HILCORP ENERGY

Project: Standard 1

| Sample ID: 100ng btex lcs | Samp1 | Гуре: LC | S | Tes | tCode: EF | PA Method | 8021B: Volati | les | | |
|----------------------------|------------|-----------------|-----------|-------------|------------------|-----------|---------------|------|----------|------|
| Client ID: LCSW | Batcl | h ID: BW | /102094 | F | RunNo: 10 | 02094 | | | | |
| Prep Date: | Analysis D | Date: 12 | 2/24/2023 | 5 | SeqNo: 37 | 768318 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 20 | 1.0 | 20.00 | 0 | 97.5 | 70 | 130 | | | |
| Toluene | 20 | 1.0 | 20.00 | 0 | 99.1 | 70 | 130 | | | |
| Ethylbenzene | 20 | 1.0 | 20.00 | 0 | 102 | 70 | 130 | | | |
| Xylenes, Total | 62 | 2.0 | 60.00 | 0 | 103 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 105 | 52.4 | 148 | | | |

| Sample ID: mb | SampT | уре: МЕ | BLK | Tes | tCode: EF | PA Method | 8021B: Volati | les | | |
|----------------------------|------------|-----------------|-----------|-------------|------------------|-----------|---------------|------|----------|------|
| Client ID: PBW | Batcl | n ID: BW | V102094 | F | RunNo: 10 | 02094 | | | | |
| Prep Date: | Analysis D | Date: 12 | 2/24/2023 | (| SeqNo: 3 | 768319 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 2.0 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 103 | 52.4 | 148 | | | |

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Environment Testin

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE

Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Sample Log-In Check List

| Website: wv | vw.hallenvironmental | .com | |
|--|----------------------|------------|---|
| Client Name: HILCORP ENERGY Work Order Nur | mber: 2312989 | | RcptNo: 1 |
| Received By: Tracy Casarrubias 12/16/2023 7:35:0 | 00 AM | | |
| Completed By: Tracy Casarrubias 12/16/2023 9:05: | 59 AM | | |
| Reviewed By: July 18123 | | | |
| Chain of Custody | | | |
| 1. Is Chain of Custody complete? | Yes 🗹 | No 🗌 | Not Present 🗔 |
| 2. How was the sample delivered? | <u>Courier</u> | | |
| Log In 3. Was an attempt made to cool the samples? | Yes 🗹 | No 🗆 | NA \square |
| 4. Were all samples received at a temperature of >0° C to 6.0°C | Yes 🗹 | No 🗆 | NA \square |
| 5. Sample(s) in proper container(s)? | Yes 🗹 | No 🗌 | |
| 6. Sufficient sample volume for indicated test(s)? | Yes 🗹 | No 🗆 | |
| 7. Are samples (except VOA and ONG) properly preserved? | Yes 🗹 | No 🗌 | |
| 8. Was preservative added to bottles? | Yes 🗌 | No 🗹 | NA 🗆 |
| 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | Yes 🗹 | No 🗆 | NA 🗆 |
| 10. Were any sample containers received broken? | Yes 🗌 | No 🗹 | # of preserved bottles checked |
| 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes 🗹 | No 🗆 | for pH: (\$\frac{1}{2}\$ or >12 unless noted) |
| 2. Are matrices correctly identified on Chain of Custody? | Yes 🗹 | No 🗌 | Adjusted? |
| 3. Is it clear what analyses were requested? | Yes 🗸 | No 🗌 | |
| 14. Were all holding times able to be met? | Yes 🗹 | No 🗆 | Checked by: 12 |
| (If no, notify customer for authorization.) | | | |
| Special Handling (if applicable) | Yes 🗌 | No 🗌 | NA ✓ |
| 15. Was client notified of all discrepancies with this order? | | NO | IVA EL |
| | te: | | □ L. B |
| By Whom: Via | a: eMail f | Phone Fax | In Person |
| Regarding: | | | |
| Client Instructions: | | | |

16. Additional remarks:

17. Cooler Information

Received by OCD: 4/24/2024 3:25:30 PM

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 1.9 | Good | Yes | Morty | | |

| 3 | nain-or | Chain-or-Custody Record | | <u>i</u> | | LAI ENVIDONMENTAL |
|------------------------------|-----------------------|---|-------------------------------------|----------------------------|---------------------------------|---|
| Client: Hilo | Hilcorp Farmington NM | | X Standard | □ Rush | | ANALYSIS LABORATORY |
| | | | Project Name: | | | www.hallenvironmental.com |
| Mailing Add | ress: 382 R | Mailing Address: 382 Road 3100 Aztec, NM 87410 | | Standard #1 | | 4901 Hawkins NE - Albuquerque, NM 87109 |
| Billing Addre | ess: PO Bo | Billing Address: PO Box 61529 Houston, TX 77208 | Project #: | | | Tel. 505-345-3975 Fax 505-345-4107 |
| Phone #: | 505-48 | 505-486-9543 | | | | Analysis Request |
| email or Fax#: | | Brandon.Sinclair@hilcorp.com | Project Manager: | | | |
| QA/QC Package: □ Standard | age: | ☐ Level 4 (Full Validation) | Mitch | Killonah | | |
| Accreditation: | | ☐ Az Compliance ☐ Other | Sampler: On Ice: | Brandon Sinclair ☑ Yes □ □ | lair □ No Morts | |
| □ EDD (Type) | 1 1 | | # of Coolers: | | | |
| | | | Cooler Temp(including CF): \ J. 9 ± | | 2-1,9.0 | 551 |
| Date Time | ne Matrix | Sample Name | Container Type and # | Preservativ e Type | HEAL No. | BTEX 80. |
| | H20 | \sqcap | (3) 40ml VOA | HCL/Cool | | 3 |
| 12-14 131 | 13/5 H20 | MW-8 | (3) 40ml VOA | HCL/Cool | 100 | × |
| 12-15 1340 | 10 H20 | 9-WM | (3) 40ml VOA | HCL/Cool | 200 | × |
| 12-14 1140 | 10 H20 | MW-11 | (3) 40ml VOA | HCL/Cool | 003 | × |
| 12-14 1100 | , O H2O | MW-12 | (3) 40ml VOA | HCL/Cool | HOO | × |
| | H20 | MW-15 | (3) 40ml VOA | HCL/Ceel | | * |
| 5-15/1225 | N20 | MW-16 | (3) 40ml VOA | HCL/Cool | 500 | × |
| 12-15/1130 | 3.0 H20 | MW-17 | (3) 40ml VOA | HCL/Cool | 200 | × |
| 542141-21 | 15 H20 | MW-18 | (3) 40ml VOA | HCL/Cool | 500 | × |
| 2051151-21 | 25 H20 | MW-19 | (3) 40ml VOA | HCL/Cool | 900 | × |
| 12-14 121 | 215 H20 |) MW-22 | (3) 40ml VOA | HCL/Cool | 500 | × |
| 2541 41-21 | 25 H20 | MW-23 | (3) 40ml VOA | HCL/Cool | 010 | × |
| 504141-21 | 0S H2O | MW-26 | (3) 40ml VOA | HCL/Cool | 011 | × |
| Date: Time: | | Relinquished by: | _ | Via: D | Date Time 2] - - - - - | Remarks: Special Pricing, See Andy. |
| 21 | | Dr. Small | | ر عسالہ آ | 13/13 | |
| Date: Time: | لم | ished by: | Received by: | Via:Counter D | late lime | |
| 115/21 | <u> </u> | | | 12/10/13 | - | |

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

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/10/2024 5:35:58 PM

JOB DESCRIPTION

Standard #1

JOB NUMBER

885-2070-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

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

Authorization

Generated 4/10/2024 5:35:58 PM

Authorized for release by Andy Freeman, Business Unit Manager andy.freeman@et.eurofinsus.com (505)345-3975 4

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Client: Hilcorp Energy

Laboratory Job ID: 885-2070-1

Project/Site: Standard #1

Table of Contents

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Definitions/Glossary

Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #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. |
|--------------|--|
| n | Listed under the "D" column to designate that the result is reported on a dry weight basis |

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

Duplicate Error Ratio (normalized absolute difference) **DER**

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 MLMinimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

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

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

Relative Error Ratio (Radiochemistry) **RER**

RLReporting 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)

Too Numerous To Count **TNTC**

Eurofins Albuquerque

Case Narrative

Client: Hilcorp Energy Job ID: 885-2070-1 Project: Standard #1

Job ID: 885-2070-1 Eurofins Albuquerque

Job Narrative 885-2070-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 3/30/2024 8:30 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 3.0°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

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Client Sample Results

Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Client Sample ID: MW-3 Lab Sample ID: 885-2070-1

Date Collected: 03/27/24 13:15 Matrix: Water

Date Received: 03/30/24 08:30

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene | 9200 | | 200 | ug/L | | | 04/05/24 18:10 | 200 |
| Ethylbenzene | ND | | 200 | ug/L | | | 04/05/24 18:10 | 200 |
| Toluene | 5500 | | 200 | ug/L | | | 04/05/24 18:10 | 200 |
| Xylenes, Total | 4300 | | 300 | ug/L | | | 04/05/24 18:10 | 200 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 104 | | 70 - 130 | | | | 04/05/24 18:10 | 200 |
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | | | | 04/05/24 18:10 | 200 |
| Dibromofluoromethane (Surr) | 107 | | 70 - 130 | | | | 04/05/24 18:10 | 200 |
| Toluene-d8 (Surr) | 95 | | 70 - 130 | | | | 04/05/24 18:10 | 200 |

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Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Client Sample ID: MW-8 Lab Sample ID: 885-2070-2

Date Collected: 03/27/24 16:30 Matrix: Water

Date Received: 03/30/24 08:30

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene | ND | | 1.0 | ug/L | | | 04/04/24 20:29 | 1 |
| Ethylbenzene | ND | | 1.0 | ug/L | | | 04/04/24 20:29 | 1 |
| Toluene | ND | | 1.0 | ug/L | | | 04/04/24 20:29 | 1 |
| Xylenes, Total | ND | | 1.5 | ug/L | | | 04/04/24 20:29 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 70 - 130 | | | | 04/04/24 20:29 | 1 |
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | | | | 04/04/24 20:29 | 1 |
| Dibromofluoromethane (Surr) | 102 | | 70 - 130 | | | | 04/04/24 20:29 | 1 |
| Toluene-d8 (Surr) | 97 | | 70 - 130 | | | | 04/04/24 20:29 | 1 |

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4/10/2024

Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

Client Sample ID: MW-9 Lab Sample ID: 885-2070-3

Date Collected: 03/28/24 11:30 Matrix: Water
Date Received: 03/30/24 08:30

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene | 1000 | | 100 | ug/L | | | 04/05/24 18:35 | 100 |
| Ethylbenzene | 87 | | 10 | ug/L | | | 04/05/24 18:59 | 10 |
| Toluene | ND | | 10 | ug/L | | | 04/05/24 18:59 | 10 |
| Xylenes, Total | ND | | 15 | ug/L | | | 04/05/24 18:59 | 10 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 70 - 130 | | | | 04/05/24 18:35 | 100 |
| 1,2-Dichloroethane-d4 (Surr) | 100 | | 70 - 130 | | | | 04/05/24 18:59 | 10 |
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | | | | 04/05/24 18:59 | 10 |
| Dibromofluoromethane (Surr) | 103 | | 70 - 130 | | | | 04/05/24 18:35 | 100 |

70 - 130

70 - 130

103

98

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04/05/24 18:59

04/05/24 18:59

Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Client Sample ID: MW-11 Lab Sample ID: 885-2070-4

Date Collected: 03/28/24 13:45

Date Received: 03/30/24 08:30

Matrix: Water

| Method: SW846 8260B - Vo | olatile Organic (| Compoun | ds (GC/MS) | | | | | |
|------------------------------|-------------------|-----------|------------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | ND | | 1.0 | ug/L | | | 04/04/24 20:54 | 1 |
| Ethylbenzene | ND | | 1.0 | ug/L | | | 04/04/24 20:54 | 1 |
| Toluene | ND | | 1.0 | ug/L | | | 04/04/24 20:54 | 1 |
| Xylenes, Total | ND | | 1.5 | ug/L | | | 04/04/24 20:54 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 105 | | 70 - 130 | | | | 04/04/24 20:54 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 | | | | 04/04/24 20:54 | 1 |
| Dibromofluoromethane (Surr) | 107 | | 70 - 130 | | | | 04/04/24 20:54 | 1 |
| Toluene-d8 (Surr) | 95 | | 70 - 130 | | | | 04/04/24 20:54 | 1 |

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Job ID: 885-2070-1

Client: Hilcorp Energy Project/Site: Standard #1

Client Sample ID: MW-12

Lab Sample ID: 885-2070-5

Matrix: Water

Date Collected: 03/28/24 13:20 Date Received: 03/30/24 08:30

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene | 36 | | 1.0 | ug/L | | | 04/04/24 21:18 | 1 |
| Ethylbenzene | ND | | 1.0 | ug/L | | | 04/04/24 21:18 | 1 |
| Toluene | ND | | 1.0 | ug/L | | | 04/04/24 21:18 | 1 |
| Xylenes, Total | ND | | 1.5 | ug/L | | | 04/04/24 21:18 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 70 - 130 | | | | 04/04/24 21:18 | 1 |
| 4-Bromofluorobenzene (Surr) | 107 | | 70 - 130 | | | | 04/04/24 21:18 | 1 |
| Dibromofluoromethane (Surr) | 101 | | 70 - 130 | | | | 04/04/24 21:18 | 1 |
| Toluene-d8 (Surr) | 100 | | 70 - 130 | | | | 04/04/24 21:18 | |

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Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Client Sample ID: MW-15 Lab Sample ID: 885-2070-6

Date Collected: 03/27/24 13:55 Matrix: Water

Date Received: 03/30/24 08:30

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene | 14000 | | 500 | ug/L | | | 04/05/24 19:24 | 500 |
| Ethylbenzene | ND | | 500 | ug/L | | | 04/05/24 19:24 | 500 |
| Toluene | 1000 | | 500 | ug/L | | | 04/05/24 19:24 | 500 |
| Xylenes, Total | 1800 | | 750 | ug/L | | | 04/05/24 19:24 | 500 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 102 | | 70 - 130 | | | | 04/05/24 19:24 | 500 |
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | | | | 04/05/24 19:24 | 500 |
| Dibromofluoromethane (Surr) | 106 | | 70 - 130 | | | | 04/05/24 19:24 | 500 |
| Toluene-d8 (Surr) | 98 | | 70 - 130 | | | | 04/05/24 19:24 | 500 |

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Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Client Sample ID: MW-16 Lab Sample ID: 885-2070-7

Date Collected: 03/28/24 12:50 Matrix: Water Date Received: 03/30/24 08:30

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene | 77 | | 20 | ug/L | | | 04/05/24 19:48 | 20 |
| Ethylbenzene | 340 | | 20 | ug/L | | | 04/05/24 19:48 | 20 |
| Toluene | ND | | 20 | ug/L | | | 04/05/24 19:48 | 20 |
| Xylenes, Total | 310 | | 30 | ug/L | | | 04/05/24 19:48 | 20 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 70 - 130 | | | | 04/05/24 19:48 | 20 |
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 | | | | 04/05/24 19:48 | 20 |
| Dibromofluoromethane (Surr) | 104 | | 70 - 130 | | | | 04/05/24 19:48 | 20 |
| Toluene-d8 (Surr) | 103 | | 70 - 130 | | | | 04/05/24 19:48 | 20 |

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Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Client Sample ID: MW-17 Lab Sample ID: 885-2070-8

Date Collected: 03/28/24 12:00 Matrix: Water Date Received: 03/30/24 08:30

| Method: SW846 8260B - Vo | latile Organic (| Compoun | ds (GC/MS) | | | | | |
|------------------------------|------------------|-----------|------------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | ND | | 1.0 | ug/L | | | 04/04/24 21:43 | 1 |
| Ethylbenzene | ND | | 1.0 | ug/L | | | 04/04/24 21:43 | 1 |
| Toluene | ND | | 1.0 | ug/L | | | 04/04/24 21:43 | 1 |
| Xylenes, Total | ND | | 1.5 | ug/L | | | 04/04/24 21:43 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 100 | | 70 - 130 | | | | 04/04/24 21:43 | 1 |
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | | | | 04/04/24 21:43 | 1 |
| Dibromofluoromethane (Surr) | 104 | | 70 - 130 | | | | 04/04/24 21:43 | 1 |
| Toluene-d8 (Surr) | 96 | | 70 - 130 | | | | 04/04/24 21:43 | 1 |

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Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Client Sample ID: MW-18 Lab Sample ID: 885-2070-9

Date Collected: 03/27/24 17:55

Date Received: 03/30/24 08:30

Matrix: Water

| Method: SW846 8260B - Vo | | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|---------------------------------------|----------------|---------|
| Benzene | 67 | <u> </u> | | ug/L | | · · · · · · · · · · · · · · · · · · · | 04/05/24 20:37 | 20 |
| Ethylbenzene | 150 | | 20 | ug/L | | | 04/05/24 20:37 | 20 |
| Toluene | ND | | 20 | ug/L | | | 04/05/24 20:37 | 20 |
| Xylenes, Total | ND | | 30 | ug/L | | | 04/05/24 20:37 | 20 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 104 | | 70 - 130 | | • | | 04/05/24 20:37 | 20 |
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | | | | 04/05/24 20:37 | 20 |
| Dibromofluoromethane (Surr) | 103 | | 70 - 130 | | | | 04/05/24 20:37 | 20 |
| Toluene-d8 (Surr) | 96 | | 70 - 130 | | | | 04/05/24 20:37 | 20 |

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Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Client Sample ID: MW-19 Lab Sample ID: 885-2070-10

Date Collected: 03/28/24 11:00 Matrix: Water Date Received: 03/30/24 08:30

| Method: SW846 8260B - Vo | latile Organic | Compoun | ds (GC/MS) | | | | | |
|------------------------------|----------------|-----------|------------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | 6700 | P2 | 200 | ug/L | | | 04/05/24 21:01 | 200 |
| Ethylbenzene | 1100 | P2 | 200 | ug/L | | | 04/05/24 21:01 | 200 |
| Toluene | 17000 | P2 | 200 | ug/L | | | 04/05/24 21:01 | 200 |
| Xylenes, Total | 9200 | P2 | 300 | ug/L | | | 04/05/24 21:01 | 200 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 95 | P2 | 70 - 130 | | | | 04/05/24 21:01 | 200 |
| 4-Bromofluorobenzene (Surr) | 103 | P2 | 70 - 130 | | | | 04/05/24 21:01 | 200 |
| Dibromofluoromethane (Surr) | 97 | P2 | 70 - 130 | | | | 04/05/24 21:01 | 200 |
| Toluene-d8 (Surr) | 98 | P2 | 70 - 130 | | | | 04/05/24 21:01 | 200 |

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Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Lab Sample ID: 885-2070-11 Client Sample ID: MW-22

Date Collected: 03/28/24 14:20 **Matrix: Water**

Date Received: 03/30/24 08:30

| Method: SW846 8260B - Vo | olatile Organic | Compoun | ds (GC/MS) | | | | | |
|------------------------------|-----------------|-----------|------------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | ND | | 1.0 | ug/L | | | 04/04/24 22:07 | 1 |
| Ethylbenzene | ND | | 1.0 | ug/L | | | 04/04/24 22:07 | 1 |
| Toluene | ND | | 1.0 | ug/L | | | 04/04/24 22:07 | 1 |
| Xylenes, Total | ND | | 1.5 | ug/L | | | 04/04/24 22:07 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 102 | | 70 - 130 | | | | 04/04/24 22:07 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | | 70 - 130 | | | | 04/04/24 22:07 | 1 |
| Dibromofluoromethane (Surr) | 104 | | 70 - 130 | | | | 04/04/24 22:07 | 1 |
| Toluene-d8 (Surr) | 94 | | 70 - 130 | | | | 04/04/24 22:07 | 1 |

Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Client Sample ID: MW-23 Lab Sample ID: 885-2070-12

Date Collected: 03/27/24 16:00 Matrix: Water

Date Received: 03/30/24 08:30

| Method: SW846 8260B - Vo | olatile Organic | Compoun | ds (GC/MS) | | | | | |
|------------------------------|-----------------|-----------|------------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | ND | | 1.0 | ug/L | | | 04/04/24 22:32 | 1 |
| Ethylbenzene | ND | | 1.0 | ug/L | | | 04/04/24 22:32 | 1 |
| Toluene | ND | | 1.0 | ug/L | | | 04/04/24 22:32 | 1 |
| Xylenes, Total | ND | | 1.5 | ug/L | | | 04/04/24 22:32 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 105 | | 70 - 130 | | | | 04/04/24 22:32 | 1 |
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | | | | 04/04/24 22:32 | 1 |
| Dibromofluoromethane (Surr) | 106 | | 70 - 130 | | | | 04/04/24 22:32 | 1 |
| Toluene-d8 (Surr) | 96 | | 70 130 | | | | 04/04/24 22:32 | 1 |

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Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Client Sample ID: MW-26 Lab Sample ID: 885-2070-13

Date Collected: 03/27/24 17:15 Matrix: Water Date Received: 03/30/24 08:30

| Method: SW846 8260B - Vo | olatile Organic (| Compound | ds (GC/MS) | | | | | |
|------------------------------|-------------------|-----------|------------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | ND | | 1.0 | ug/L | | | 04/05/24 16:57 | 1 |
| Ethylbenzene | ND | | 1.0 | ug/L | | | 04/05/24 16:57 | 1 |
| Toluene | ND | | 1.0 | ug/L | | | 04/05/24 16:57 | 1 |
| Xylenes, Total | ND | | 1.5 | ug/L | | | 04/05/24 16:57 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 70 - 130 | | | | 04/05/24 16:57 | 1 |
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | | | | 04/05/24 16:57 | 1 |
| Dibromofluoromethane (Surr) | 104 | | 70 - 130 | | | | 04/05/24 16:57 | 1 |
| Toluene-d8 (Surr) | 94 | | 70 - 130 | | | | 04/05/24 16:57 | 1 |

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Job ID: 885-2070-1

Client: Hilcorp Energy Project/Site: Standard #1

Client Sample ID: MW-6 Lab Sample ID: 885-2070-14 Date Collected: 03/27/24 14:30

Matrix: Water

Date Received: 03/30/24 08:30

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene | 2900 | | 500 | ug/L | | | 04/05/24 21:26 | 500 |
| Ethylbenzene | 590 | | 500 | ug/L | | | 04/05/24 21:26 | 500 |
| Toluene | 3100 | | 500 | ug/L | | | 04/05/24 21:26 | 500 |
| Xylenes, Total | 8700 | | 750 | ug/L | | | 04/05/24 21:26 | 500 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 70 - 130 | | | | 04/05/24 21:26 | 500 |
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | | | | 04/05/24 21:26 | 500 |
| Dibromofluoromethane (Surr) | 101 | | 70 - 130 | | | | 04/05/24 21:26 | 500 |
| Toluene-d8 (Surr) | 98 | | 70 - 130 | | | | 04/05/24 21:26 | 500 |

Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Lab Sample ID: 885-2070-15 Client Sample ID: MW-1

Date Collected: 03/27/24 11:45 **Matrix: Water**

Date Received: 03/30/24 08:30

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene | 24000 | | 1000 | ug/L | | | 04/05/24 21:50 | 1000 |
| Ethylbenzene | 1500 | | 100 | ug/L | | | 04/05/24 22:15 | 100 |
| Toluene | 34000 | | 1000 | ug/L | | | 04/05/24 21:50 | 1000 |
| Xylenes, Total | 17000 | | 150 | ug/L | | | 04/05/24 22:15 | 100 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 70 - 130 | | | | 04/05/24 21:50 | 1000 |
| 1,2-Dichloroethane-d4 (Surr) | 93 | | 70 - 130 | | | | 04/05/24 22:15 | 100 |
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | | | | 04/05/24 22:15 | 100 |
| Dibromofluoromethane (Surr) | 100 | | 70 - 130 | | | | 04/05/24 21:50 | 1000 |
| Dibromofluoromethane (Surr) | 98 | | 70 - 130 | | | | 04/05/24 22:15 | 100 |
| Toluene-d8 (Surr) | 99 | | 70 - 130 | | | | 04/05/24 21:50 | 1000 |
| Toluene-d8 (Surr) | 107 | | 70 - 130 | | | | 04/05/24 22:15 | 100 |

Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

Client Sample ID: MW-2 Lab Sample ID: 885-2070-16

Date Collected: 03/27/24 12:40 Matrix: Water

Date Received: 03/30/24 08:30

100

97

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene | 14000 | | 200 | ug/L | | | 04/05/24 22:39 | 200 |
| Ethylbenzene | 330 | | 200 | ug/L | | | 04/05/24 22:39 | 200 |
| Toluene | 3600 | | 200 | ug/L | | | 04/05/24 22:39 | 200 |
| Xylenes, Total | 6800 | | 300 | ug/L | | | 04/05/24 22:39 | 200 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 98 | | 70 - 130 | | | | 04/05/24 22:39 | 200 |
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | | | | 04/05/24 22:39 | 200 |

70 - 130

70 - 130

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04/05/24 22:39

04/05/24 22:39

Client: Hilcorp Energy Job ID: 885-2070-1

Project/Site: Standard #1

Client Sample ID: MW-10 Lab Sample ID: 885-2070-17

Date Collected: 03/27/24 10:45

Date Received: 03/30/24 08:30

Matrix: Water

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|---|----------|----------------|---------|
| Benzene | 13000 | | 500 | ug/L | | | 04/05/24 23:03 | 500 |
| Ethylbenzene | 1400 | | 500 | ug/L | | | 04/05/24 23:03 | 500 |
| Toluene | ND | | 500 | ug/L | | | 04/05/24 23:03 | 500 |
| Xylenes, Total | 7800 | | 750 | ug/L | | | 04/05/24 23:03 | 500 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 70 - 130 | | | | 04/05/24 23:03 | 500 |
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 | | | | 04/05/24 23:03 | 500 |
| Dibromofluoromethane (Surr) | 102 | | 70 - 130 | | | | 04/05/24 23:03 | 500 |
| Toluene-d8 (Surr) | 99 | | 70 - 130 | | | | 04/05/24 23:03 | 500 |

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QC Sample Results

Client: Hilcorp Energy Job ID: 885-2070-1 Project/Site: Standard #1

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

Lab Sample ID: MB 885-2836/4

Matrix: Water

Analysis Batch: 2836

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

| | MB | MB | | | | | | |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | ND | | 1.0 | ug/L | | | 04/04/24 11:57 | 1 |
| Ethylbenzene | ND | | 1.0 | ug/L | | | 04/04/24 11:57 | 1 |
| Toluene | ND | | 1.0 | ug/L | | | 04/04/24 11:57 | 1 |
| Xylenes, Total | ND | | 1.5 | ug/L | | | 04/04/24 11:57 | 1 |
| | | | | | | | | |

MB MB %Recovery Qualifier Surrogate Limits Prepared Dil Fac Analyzed 1,2-Dichloroethane-d4 (Surr) 70 - 130 04/04/24 11:57 100 4-Bromofluorobenzene (Surr) 96 70 - 130 04/04/24 11:57 101 Dibromofluoromethane (Surr) 70 - 130 04/04/24 11:57 Toluene-d8 (Surr) 97 70 - 130 04/04/24 11:57

Lab Sample ID: LCS 885-2836/3 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 2836

| | Spike | LCS | LCS | | | | %Rec | |
|-----------------------|-------|--------|-----------|------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | 20.1 | 21.1 | | ug/L | | 105 | 70 - 130 | |
| Toluene | 20.2 | 21.4 | | ug/L | | 106 | 70 - 130 | |
| Trichloroethene (TCE) | 20.2 | 20.2 | | ug/L | | 100 | 70 - 130 | |

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

Lab Sample ID: MB 885-2952/3 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 2952

| | IVID | IVID | | | | | | |
|----------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | ND | | 1.0 | ug/L | | | 04/05/24 14:07 | 1 |
| Ethylbenzene | ND | | 1.0 | ug/L | | | 04/05/24 14:07 | 1 |
| Toluene | ND | | 1.0 | ug/L | | | 04/05/24 14:07 | 1 |
| Xylenes, Total | ND | | 1.5 | ug/L | | | 04/05/24 14:07 | 1 |
| | | | | | | | | |

| | MB | MB | | | | |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 103 | | 70 - 130 | | 04/05/24 14:07 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 | | 04/05/24 14:07 | 1 |
| Dibromofluoromethane (Surr) | 102 | | 70 - 130 | | 04/05/24 14:07 | 1 |
| Toluene-d8 (Surr) | 98 | | 70 - 130 | | 04/05/24 14:07 | 1 |

Lab Sample ID: LCS 885-2952/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 2952

| Analysis Baton. 2002 | | | | | | | |
|----------------------|-------|--------|-----------|------|---|------|----------|
| | Spike | LCS | LCS | | | | %Rec |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits |
| Benzene | 20.1 | 20.5 | | ug/L | | 102 | 70 - 130 |

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Job ID: 885-2070-1

Client: Hilcorp Energy Project/Site: Standard #1

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

Lab Sample ID: LCS 885-2952/2

Matrix: Water

Analysis Batch: 2952

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Toluene 20.2 20.7 ug/L 102 70 - 130 Trichloroethene (TCE) 20.2 19.4 ug/L 96 70 - 130

LCS LCS Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 99 70 - 130 4-Bromofluorobenzene (Surr) 102 70 - 130 Dibromofluoromethane (Surr) 101 70 - 130 Toluene-d8 (Surr) 97 70 - 130

Lab Sample ID: 885-2070-13 MS

Matrix: Water

Analysis Batch: 2952

Client Sample ID: MW-26

Prep Type: Total/NA

| | Sample | Sample | Spike | MS | MS | | | | %Rec | |
|-----------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|--|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | ND | | 20.1 | 20.4 | | ug/L | | 101 | 70 - 130 | |
| Toluene | ND | | 20.2 | 20.0 | | ug/L | | 99 | 70 - 130 | |
| Trichloroethene (TCE) | ND | | 20.2 | 19.6 | | ug/L | | 97 | 70 - 130 | |
| | | | | | | | | | | |

MS MS Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 103 70 - 130 4-Bromofluorobenzene (Surr) 100 70 - 130 Dibromofluoromethane (Surr) 101 70 - 130 Toluene-d8 (Surr) 96 70 - 130

Lab Sample ID: 885-2070-13 MSD

Released to Imaging: 6/3/2024 11:22:17 AM

Matrix: Water

Analysis Batch: 2952

Client Sample ID: MW-26 **Prep Type: Total/NA**

Spike MSD MSD %Rec **RPD** Sample Sample Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits **RPD** Limit Benzene ND 20.1 20.0 ug/L 99 70 - 130 20 Toluene ND 20.2 19.7 ug/L 98 70 - 130 2 20 Trichloroethene (TCE) ND 20.2 18.8 ug/L 93 70 - 130 20

MSD MSD Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 70 - 130 100 4-Bromofluorobenzene (Surr) 105 70 - 130 Dibromofluoromethane (Surr) 101 70 - 130 Toluene-d8 (Surr) 96 70 - 130

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QC Association Summary

Client: Hilcorp Energy

Job ID: 885-2070-1

Project/Site: Standard #1

GC/MS VOA

Analysis Batch: 2836

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|--------------------|-----------|--------|--------|------------|
| 885-2070-2 | MW-8 | Total/NA | Water | 8260B | |
| 885-2070-4 | MW-11 | Total/NA | Water | 8260B | |
| 885-2070-5 | MW-12 | Total/NA | Water | 8260B | |
| 885-2070-8 | MW-17 | Total/NA | Water | 8260B | |
| 885-2070-11 | MW-22 | Total/NA | Water | 8260B | |
| 885-2070-12 | MW-23 | Total/NA | Water | 8260B | |
| MB 885-2836/4 | Method Blank | Total/NA | Water | 8260B | |
| LCS 885-2836/3 | Lab Control Sample | Total/NA | Water | 8260B | |

Analysis Batch: 2952

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-2070-1 | MW-3 | Total/NA | Water | 8260B | |
| 885-2070-3 | MW-9 | Total/NA | Water | 8260B | |
| 885-2070-3 | MW-9 | Total/NA | Water | 8260B | |
| 885-2070-6 | MW-15 | Total/NA | Water | 8260B | |
| 885-2070-7 | MW-16 | Total/NA | Water | 8260B | |
| 885-2070-9 | MW-18 | Total/NA | Water | 8260B | |
| 885-2070-10 | MW-19 | Total/NA | Water | 8260B | |
| 885-2070-13 | MW-26 | Total/NA | Water | 8260B | |
| 885-2070-14 | MW-6 | Total/NA | Water | 8260B | |
| 885-2070-15 | MW-1 | Total/NA | Water | 8260B | |
| 885-2070-15 | MVV-1 | Total/NA | Water | 8260B | |
| 885-2070-16 | MW-2 | Total/NA | Water | 8260B | |
| 885-2070-17 | MW-10 | Total/NA | Water | 8260B | |
| MB 885-2952/3 | Method Blank | Total/NA | Water | 8260B | |
| LCS 885-2952/2 | Lab Control Sample | Total/NA | Water | 8260B | |
| 885-2070-13 MS | MW-26 | Total/NA | Water | 8260B | |
| 885-2070-13 MSD | MW-26 | Total/NA | Water | 8260B | |

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Client: Hilcorp Energy Project/Site: Standard #1

Client Sample ID: MW-3 Date Collected: 03/27/24 13:15 Lab Sample ID: 885-2070-1

Matrix: Water

Date Received: 03/30/24 08:30

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260B | | 200 | 2952 | СМ | EET ALB | 04/05/24 18:10 |

Lab Sample ID: 885-2070-2

Matrix: Water

Date Collected: 03/27/24 16:30 Date Received: 03/30/24 08:30

Client Sample ID: MW-8

Batch Batch Dilution **Batch Prepared Prep Type** Type Method Run **Factor Number Analyst** Lab or Analyzed 8260B 2836 СМ EET ALB

Total/NA Analysis 04/04/24 20:29

Client Sample ID: MW-9 Lab Sample ID: 885-2070-3

Date Collected: 03/28/24 11:30 **Matrix: Water**

Date Received: 03/30/24 08:30

Batch Batch Dilution Batch Prepared or Analyzed **Prep Type** Method **Factor Number Analyst** Type Run Lab 04/05/24 18:35 Total/NA Analysis 8260B 100 2952 CM **EET ALB** Total/NA Analysis 8260B 10 2952 CM **EET ALB** 04/05/24 18:59

Client Sample ID: MW-11 Lab Sample ID: 885-2070-4 **Matrix: Water**

Date Collected: 03/28/24 13:45 Date Received: 03/30/24 08:30

Batch Batch Dilution Batch Prepared Method or Analyzed **Prep Type** Type Run **Factor Number Analyst** Lab

Total/NA Analysis 8260B 2836 CM EET ALB 04/04/24 20:54

Client Sample ID: MW-12 Lab Sample ID: 885-2070-5

Date Collected: 03/28/24 13:20 **Matrix: Water** Date Received: 03/30/24 08:30

Batch Batch Dilution Batch Prepared **Prep Type** Type Method Run **Factor** Number Analyst Lab or Analyzed 04/04/24 21:18 Total/NA Analysis 8260B 2836 СМ **EET ALB**

Client Sample ID: MW-15 Lab Sample ID: 885-2070-6

Date Collected: 03/27/24 13:55 **Matrix: Water** Date Received: 03/30/24 08:30

Batch Batch Dilution Batch Prepared Туре Method Run Factor **Number Analyst** or Analyzed **Prep Type** Lab 8260B 2952 CM EET ALB 04/05/24 19:24 Total/NA Analysis 500

Lab Sample ID: 885-2070-7 Client Sample ID: MW-16

Date Collected: 03/28/24 12:50 **Matrix: Water**

Date Received: 03/30/24 08:30

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260B | | 20 | 2952 | CM | EET ALB | 04/05/24 19:48 |

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Client: Hilcorp Energy Project/Site: Standard #1

Client Sample ID: MW-17

Date Received: 03/30/24 08:30

Lab Sample ID: 885-2070-8 Date Collected: 03/28/24 12:00

Matrix: Water

Batch Dilution Batch Batch Prepared Method or Analyzed **Prep Type** Type Run **Factor** Number **Analyst** Lab 04/04/24 21:43 Total/NA 2836 CM **EET ALB** Analysis 8260B

Client Sample ID: MW-18 Lab Sample ID: 885-2070-9

Date Collected: 03/27/24 17:55 **Matrix: Water**

Date Received: 03/30/24 08:30

Batch Batch Dilution Batch **Prepared Prep Type** Type Method Run **Factor Number Analyst** Lab or Analyzed Total/NA Analysis 8260B 20 2952 СМ EET ALB 04/05/24 20:37

Client Sample ID: MW-19 Lab Sample ID: 885-2070-10

Date Collected: 03/28/24 11:00 **Matrix: Water**

Date Received: 03/30/24 08:30

Batch Batch Dilution Batch Prepared or Analyzed **Prep Type** Method **Factor Number Analyst** Type Run Lab 04/05/24 21:01 Total/NA Analysis 8260B 200 2952 CM **EET ALB**

Lab Sample ID: 885-2070-11 Client Sample ID: MW-22

Date Collected: 03/28/24 14:20 **Matrix: Water**

Date Received: 03/30/24 08:30

Batch Batch Dilution Batch Prepared **Prep Type** Method Run Factor Number Analyst or Analyzed Type Lab Total/NA Analysis 8260B 2836 СМ EET ALB 04/04/24 22:07

Client Sample ID: MW-23 Lab Sample ID: 885-2070-12

Date Collected: 03/27/24 16:00

Date Received: 03/30/24 08:30

Batch Batch Dilution Batch Prepared Method Run Factor Number Analyst or Analyzed **Prep Type** Type Lab 04/04/24 22:32 CM Total/NA Analysis 8260B 2836 **EET ALB**

Client Sample ID: MW-26 Lab Sample ID: 885-2070-13

Date Collected: 03/27/24 17:15

Date Received: 03/30/24 08:30

Batch Dilution Batch Batch Prepared **Prep Type** Type Method Run **Factor** Number **Analyst** or Analyzed Lab EET ALB 04/05/24 16:57 Total/NA Analysis 8260B 2952 СМ

Lab Sample ID: 885-2070-14 Client Sample ID: MW-6

Date Collected: 03/27/24 14:30

Date Received: 03/30/24 08:30

Batch Batch Dilution Batch **Prepared** Method or Analyzed **Prep Type** Type Run **Factor Number Analyst** Lab 04/05/24 21:26 8260B СМ EET ALB Total/NA Analysis 500 2952

Eurofins Albuquerque

Matrix: Water

Matrix: Water

Matrix: Water

Job ID: 885-2070-1

Client: Hilcorp Energy

Project/Site: Standard #1

Lab Sample ID: 885-2070-15 Client Sample ID: MW-1 Date Collected: 03/27/24 11:45 **Matrix: Water**

Date Received: 03/30/24 08:30

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260B | | 1000 | 2952 | СМ | EET ALB | 04/05/24 21:50 |
| Total/NA | Analysis | 8260B | | 100 | 2952 | CM | EET ALB | 04/05/24 22:15 |

Lab Sample ID: 885-2070-16 Client Sample ID: MW-2

Date Collected: 03/27/24 12:40 **Matrix: Water**

Date Received: 03/30/24 08:30

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260B | | 200 | 2952 | СМ | EET ALB | 04/05/24 22:39 |

Client Sample ID: MW-10 Lab Sample ID: 885-2070-17

Date Collected: 03/27/24 10:45 **Matrix: Water**

Date Received: 03/30/24 08:30

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260B | | 500 | 2952 | CM | EET ALB | 04/05/24 23:03 |

Laboratory References:

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy

Job ID: 885-2070-1

Project/Site: Standard #1

Laboratory: Eurofins Albuquerque

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

| Authority | Prograr | n | Identification Number | Expiration Date |
|---|--|---------------------------|---------------------------------------|-------------------------------------|
| New Mexico | State | | NM9425, NM0901 | 02-26-25 |
| | | , but the laboratory is r | ot certified by the governing authori | ity. This list may include analytes |
| for which the agency Analysis Method | does not offer certification. Prep Method | Matrix | Analyte | |
| | Prep Metriod | | | |
| 8260B | | Water | Benzene | |
| 8260B | | Water | Ethylbenzene | |
| | | | | |
| 8260B | | Water | Toluene | |
| 8260B 8260B | | Water Water | Toluene Xylenes, Total | |

Eurofins Albuquerque

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| | ANALYSIS I ABORAT | www hallenvironmental com | 4901 Hawkins NE - Albuaueraue, NM 87109 | Tel 505-345-3975 Fax 505-345-4107 | le d | | | | | | | 0:0 | BIEX 826 | × | × | × | × | × | × | × | × | × | × | × | × | × | Remarks: Special Pricing, See Andy. | | ps 1 of 2 |
|-------------------------|-----------------------|---------------------------|--|---|--------------|-----------------------------|----------------|-----------------------------|------------------|----------|-----------------|------------------------------|-------------------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------------------|-------------------|-----------------|
| | | | | | | | | | clair | □ No Yoa | , | -0230 | HEAL No. | -1 | 2- | 2- | 5- | 15. | 91 | 7- | 8 | 6- | 01- | -(- | -12 | -13 | Date Time 52 | Date Time | 124 0830 |
| ie: | □ Rush | | Standard #1 | | | | | X: 10 x 8 | Brandon Sinclair | Ø Yes | | 0 | Preservativ e Type | HCL/Cool | HCL/Cool | HCL/Cool | HCL/Cool | HCL/Cool | HCL/Cool | HCL/Cool | HCL/Cool | HCL/Cool | HCL/Cool | HCL/Cool | HCL/Cool | HCL/Cool | ars | | 2/20 |
| Turn-Around Time: | X Standard | Project Name: | | Project #: | T | Project Manager: | | Mitch | Sampler: | On Ice: | # of Coolers: / | Cooler Temp(including CF): 3 | Container Type and # | (3) 40ml VOA | (3) 40ml VOA | (3) 40ml VOA | (3) 40ml VOA | (3) 40ml VOA | (3) 40ml VOA | (3) 40ml VOA | (3) 40ml VOA | (3) 40ml VOA | (3) 40ml VOA | (3) 40ml VOA | (3) 40ml VOA | (3) 40ml VOA | Received by: Via: | Received by: Via: | du lus |
| Chain-of-Custody Record | NN u | | Mailing Address: 382 Road 3100 Aztec, NM 87410 | Billing Address: PO Box 61529 Houston, TX 77208 | 1543 | Brandon Sinclair@hilcom com | | ☐ Level 4 (Full Validation) | | | | | Sample Name | MW-3 | MW-8 | MW-9 | MW-11 | MW-12 | MW-15 | MW-16 | MW-17 | MW-18 | MW-19 | MW-22 | MW-23 | MW-26 | Jan. | d by: | - |
| in-of-C | Hilcorp Farmington NM | | s: 382 Road | PO Box 6 | 505-486-9543 | Brandon | | | ☐ Az Compliance | □ Other | | | Matrix | H20 | H20 | H20 | H20 | H20 | H20 | H20 | H20 | H20 | H20 | H20 | H20 | H20 | Relinquished by | Relinquished by: | \$ - |
| Cha | Client: Hilcorp | | Mailing Addres: | Billing Address: | Phone # | email or Fax#: | QA/QC Package: | □ Standard | Accreditation: | □ NELAC | □ EDD (Type) | | Date Time | 3-27 1315 | age 3-27 1630 | 08.1130 | 5 3-28 1345 | 3-28 1320 | 3-27 1355 | 3-28 1250 | 3-28 1200 | 3-27 1755 | 3-28 1100 | 3-28 1420 | 3-27 1600 | 7 | Jate: Time: 3/28/24 1521 | <u> </u> | 1) [1] 12/82/ 4 |

MW-10 MW-2

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5401

- M W

430

Page 31

Matrix

Time

MW-

H20 H,O

1340 145

3-27

□ Az Compliance

Accreditation:

□ Standard

QA/QC Package:

email or Fax#:

Phone #:

□ Other_

EDD (Type)

□ NELAC

If necessary, satoples 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.

Relinquished by:

ine.

4/10/2024

Released to Imaging: 6/3/2024 11:22:17 AM

Mailing Address:

1a

HI COND

Client:

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-2070-1

Login Number: 2070 List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

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

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

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

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

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

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

CONDITIONS

Action 337364

CONDITIONS

| Operator: | OGRID: |
|------------------------|--|
| HILCORP ENERGY COMPANY | 372171 |
| 1111 Travis Street | Action Number: |
| Houston, TX 77002 | 337364 |
| | Action Type: |
| | [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------------|---|-------------------|
| michael.buchanan | Review of the 2024 First Quarter Remediation System Operation and Monitoring Report for Standard #1: Content Satisfactory 1. Continue as planned to conduct biweekly or bimonthly sampling events to ensure the DPE system is functioning normally. 2. Note any deviations as stated in report. 3. Submit next quarterly report to OCD 15 to 30 days after the end of each quarter. | 6/3/2024 |