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2025 Annual Groundwater Monitoring Report

Hobbs Junction Mainline
Lea County, New Mexico
SRS # 2003-00017
NMOCD REF. # AP-054, nAPP2109528296

Prepared For:
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March 18, 2026



2025 ANNUAL GROUNDWATER MONITORING REPORT

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March 18, 2026

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NMOCD – New Mexico Oil Conservation Division

NMSLO – New Mexico State Land Office

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1. INTRODUCTION AND SITE HISTORY

The Hobbs Junction Mainline (site) is located approximately three (3) miles west of Hobbs, in Unit Letter M, Section 26, Township 18 South and Range 37 East in Lea County, New Mexico. The latitude and longitude for this site are 32.711580, -103.228061. The land on the southern portion of the site is owned by the estate of Ms. Faye Klein and the land on the northern portion of the site is owned by the State of New Mexico. A site plan is provided as Figure 1 included in [Appendix A](#).

1.1 Site Geology

The surface deposits in Lea County are composed of Blackwater Draw (Illinoian) sediments, Ogallala sediments and undivided Quaternary alluvium, which is also termed 'cover sands'. The soil in the upper two (2) feet at the site is composed of gravelly loam that contains abundant eroded gravel to cobble size caliche fragments. Below the top soil is predominately unconsolidated sand to weakly cemented sandstone which has undergone calichification of varying extent.

Below the Blackwater Draw Formation is the Ogallala Formation of Miocene to Pliocene age. The Ogallala Formation was deposited from sediments eroded from the Southern Rockies and consists mostly of eolian sediments, silty to very fine sand or loess. During the middle to late Miocene, the Ogallala was deposited by fluvial mechanism as paleovalley fill composed of gravelly to sandy braided stream deposits that trended west to east across the Southern High Plains. During the late Miocene the west to east drainage was diverted (captured) by the Pecos River. Subsequently, the Pecos River basin has experienced deflation, which facilitated eolian deposition on the Southern High Plains during the Pliocene.

1.2 Previous Environmental Investigations

Currently, a total of 33 monitor wells have been installed in the vicinity of the release (see Figure 1 in [Appendix A](#)). Initial groundwater delineation activities began on February 13, 2003, by advancing a soil boring (BH-1) in the vicinity of the release point with a hollow-stem auger drilling rig. Refusal occurred 28 feet below ground surface (bgs), in well-indurated caliche. On March 5, 2003, using an air rotary rig, monitor wells MW-1 and MW-2 were installed to groundwater in order to evaluate the presence of phase separated hydrocarbons (PSH). After it was determined that monitor wells MW-1 and MW-2 were impacted with PSH, monitor wells MW-3 through MW-6 were installed in August 2003. PSH was detected in monitor wells MW-3 through MW-6 during the development process. On January 19 and 20, 2004, monitor wells MW-7 through MW-13 were installed in order to delineate the dissolved-phase plume. Subsequent to development, PSH was detected in monitor well MW-12. Monitor wells MW-14 through

MW-17 were installed on May 24, 2004, outside the release perimeter. PSH was detected in monitor wells MW-14 and MW-17. Monitor wells MW-18 through MW-20 were installed in November 2006, and monitor wells MW-21 and MW-22 were installed on December 5, 2007, in order to further delineate the dissolved phase plume. Monitor wells MW-23 and MW-24 were installed on March 17, 2008, as requested by the New Mexico Oil Conservation Division (NMOCD), in order to further delineate the dissolved phase plume down-gradient towards the southeast. Subsequently, monitor wells MW-25, MW-26, and MW-27 were installed in December of 2011 to increase the density of pumping wells in order to increase drawdown of the groundwater level to further impede the migration of the dissolved-phase plume. Six (6) new monitor wells (MW-28 through MW-33) were installed in late April 2015. Two (2) of the wells, MW-29 and MW-30, were completed with 4-inch screen and blank riser to accommodate pneumatic pumps. Four (4) of the wells (MW-28 and MW-31 through MW-33) were completed with 2-inch screen and blank riser to further delineate the benzene, toluene, ethylbenzene, and xylenes (BTEX) contamination located to the north, northeast, south and southeast (downgradient) of the dissolved-phase plume.

A quarterly groundwater monitoring program was implemented for the site that included PSH recovery utilizing an automated eductor system, which operated from March 2004 to March 2007. In March 2007, the eductor system was replaced with an automated pneumatic skimmer and bladder pump PSH recovery system. At that time, a total of eight (8) skimmer pumps were installed in monitor wells MW-1, MW-2, MW-3, MW-4, MW-6, MW-12, MW-14, and MW-17, and a pneumatic total fluid pump was installed in monitor well MW-5. Total fluid pumps were installed in monitor wells MW-25 and MW-26 in 2012.

Pneumatic total fluid pumps are currently installed in monitoring wells MW-1, MW-2, MW-3, MW-5, MW-25, and MW-26. Recovered PSH and groundwater are pumped into two (2) frac tanks located within a lined secondary containment area. The second frac tank was added on October 21, 2025, to increase storage capacity and minimize system downtime. As the tank levels increase, a high-level head pressure switch engages. Prior to and during the first quarter of 2023, the high-level head pressure switch engaged a fluid transfer pump that moved the recovered fluids to the Occidental Permian North Hobbs Unit Satellite 25 SWD. Currently, the high-level head pressure switch engages and shuts down the recovery system. A vacuum truck is then dispatched, and the recovered fluid is physically pumped out of the tanks and transported offsite to the Gandy Corporation facility for disposal.

During 2025, the recovery system extracted 45.66 barrels (bbls) of PSH and 18,864.34 bbls of groundwater.

Additionally, twelve (12) mobile dual-phase extraction (MDPE) events were conducted at the site during 2025. A total of 131.50 bbls of PSH were recovered, consisting of 67.55 bbls of liquid PSH and 63.96 bbls of vapor PSH.

Approximately 5,799.26 bbls of PSH has been recovered from the site to date.

1.3 Regulatory Framework

Groundwater analytical data from this site was evaluated to the New Mexico Water Quality Control Commission (NMWQCC) groundwater standards that were in effect at the time of the release, as applicable.

NMWQCC Groundwater Standards	
Compound	Milligrams per Liter (mg/L)
Benzene	0.010
Toluene	0.750
Ethylbenzene	0.750
Total Xylenes	0.620
PAH (Naphthalene)	0.030
PAH (Benzo[a]pyrene)	0.0007

The following sections provide summaries of the groundwater monitoring activities conducted at the site as well as analytical results from each groundwater sampling event of 2025. Analytical results for the four (4) sampling events are summarized in Table 2 through Table 5 in [Appendix B](#), and Figures 3a through 3d in [Appendix A](#). Laboratory analytical data reports and chain of custody documentation are included in [Appendix C](#).

2. SITE ACTIVITIES

The sections that follow summarize groundwater monitoring, PSH recovery and site assessment activities conducted at the site during the year 2025. The primary function of groundwater monitoring activities is to collect depth to fluid measurements and collect groundwater samples for laboratory analysis. The objective of groundwater monitoring is to evaluate the status of the dissolved-phase and PSH plumes in order to verify the effectiveness of the remediation system as to inhibiting plume migration, reducing the volume of PSH impact to the groundwater and determining if modifications to the remediation system would improve performance and efficiency.

2.1 Groundwater Monitoring Activities

A total of four (4) groundwater monitoring events were conducted by Talon/LPE in 2025. The events occurred in: March, June, September, and December.

During the March 2025 groundwater monitoring event, all 33 monitor wells were gauged. A total of nine (9) monitor wells (MW-7, MW-21 through MW-24, MW-28, and MW-31 through MW-33) were purged and sampled. Due to the presence of PSH, 18 monitor wells (MW-1 through MW-6, MW-8, MW-10 through MW-12, MW-14 through MW-17, MW-26, MW-27, MW-29, and MW-30) were not sampled. It was noted that three (3) monitor wells (MW-9, MW-18, and MW-20) were dry when gauged; monitor wells MW-13 and MW-19 did not have sufficient water volume to collect samples; and monitor well MW-25 had an obstruction; therefore, the aforementioned wells were not purged or sampled. Details of the gauging, purging, and sampling activities are presented in [Section 2.2](#).

During the June 2025 groundwater monitoring event, all 33 monitor wells were gauged. A total of nine (9) monitor wells (MW-7, MW-21 through MW-24, MW-28, and MW-31 through MW-33) were purged and sampled. Due to the presence of PSH, 18 monitor wells (MW-1 through MW-6, MW-8, MW-10 through MW-12, MW-14 through MW-17, MW-26, MW-27, MW-29, and MW-30) were not sampled. It was noted that three (3) monitor wells (MW-9, MW-18, and MW-20) were dry when gauged; monitor wells MW-13, MW-18 and MW-19 did not have sufficient water volume to collect samples; and monitor well MW-25 had an obstruction; therefore, the aforementioned wells were not purged or sampled. Details of the gauging, purging, and sampling activities are presented in [Section 2.2](#).

During the September 2025 groundwater monitoring event, all 33 monitor wells were gauged. A total of nine (9) monitor wells (MW-7, MW-21 through MW-24, MW-28, and MW-31 through MW-33) were purged and sampled. Due to the presence of PSH, 18 monitor wells (MW-1 through MW-6, MW-8, MW-10 through MW-12, MW-14 through

MW-17, MW-26, MW-27, MW-29, and MW-30) were not sampled. It was noted that three (3) monitor wells (MW-9, MW-18, and MW-20) were dry when gauged; monitor wells MW-13 and MW-19 did not have sufficient water volume to collect samples; and monitor wells MW-25 had an obstruction; therefore, the aforementioned wells were not purged or sampled. Details of the gauging, purging, and sampling activities are presented in [Section 2.2](#).

During the December 2025 groundwater monitoring event, all 33 monitor wells were gauged. A total of 13 monitor wells (MW-7, MW-8, MW-16, MW-21 through MW-24, MW-26, MW-28, and MW-30 through MW-33) were purged and sampled. Due to the presence of PSH, 14 monitor wells (MW-1 through MW-6, MW-10 through MW-12, MW-14, MW-15, MW-17, MW-27, and MW-29) were not sampled. It was noted that monitor well MW-9 was dry when gauged; monitor wells MW-13 and MW-18 through MW-20 did not have sufficient water volume to collect samples; and monitor well MW-25 had an obstruction; therefore, the aforementioned wells were not purged or sampled. Details of the gauging, purging, and sampling activities are presented in [Section 2.2](#).

2.2 Groundwater Gauging, Purging, and Sampling Procedures

During each groundwater monitoring event, all monitor wells were measured with an oil/water interface probe to determine static water levels and to monitor the presence and/or absence of PSH accumulations. The top of groundwater elevation was corrected in monitor wells impacted with PSH by the following equation: $\text{Corrected groundwater elevation} = \text{the surveyed top of casing elevation} - (\text{measured depth to water}) - (\text{PSH thickness} \times \text{the specific gravity of the PSH})$. Measured groundwater depths and elevations collected during the 2025 sampling events, along with historical measurements, are presented in Table 1 – Groundwater Gauging Data - Historical in [Appendix B](#).

Subsequent to gauging, all monitor wells with sufficient water volume that did not indicate the presence of PSH were purged a minimum of three (3) well volumes prior to sample collection. All monitor wells were purged utilizing dedicated disposable polyethylene bailers or 12-volt submersible pump and low-density polyethylene (LDPE) tubing. The pumps and tubing used to purge the wells were decontaminated with Alconox detergent and rinsed with distilled water prior to initial use and between sample collection events. All recovered groundwater from purging activities and recovered water used in the decontamination process were contained onsite in the system recovery tanks until the water was transferred to the Gandy Corporation facility for disposal.

Groundwater samples were collected from monitoring wells not impacted with PSH utilizing dedicated disposable polyethylene bailers. The groundwater samples collected were transferred from the disposable bailer into appropriately preserved laboratory supplied sample containers. The groundwater samples were maintained on ice in the custody of Talon/LPE personnel until submittal to Permian Basin Environmental Lab, LP in Midland, Texas for analysis. The collected samples were analyzed for BTEX by Environmental Protection Agency (EPA) Method SW-846 8021B.

Groundwater samples collected from MW-21, MW-23, MW-24, and MW-25 were also analyzed for Monitored Natural Attenuation (MNA) parameters during the March, September, and December events. The monitor wells sampled for MNA parameters were purged using low-flow groundwater sampling procedures. Field parameters for dissolved oxygen, oxidation-reduction potential, pH, temperature, and conductivity were collected every three (3) to five (5) minutes during purging activities. When three (3) consecutive, consistent readings were observed, a groundwater sample was taken from the pump's discharge tubing into appropriately preserved, laboratory supplied sample containers. The groundwater samples were maintained on ice in the custody of Talon/LPE personnel until submittal to Permian Basin Environmental Lab, LP in Midland, Texas, for analysis of nitrate, sulfate, and alkalinity. Permian Basin Environmental Lab, LP sent samples from these wells to ALS Environmental in Houston, Texas, to be analyzed for ethane, ethene, and methane by Method RSK-175 and iron and manganese by Method SW6020A.

2.3 Phase Separated Hydrocarbon Recovery

Crude oil and groundwater recovered by the total fluid pumps are discharged into the onsite frac tanks that function as settling tanks, where oil and water are separated via gravity settling. The tank is equipped with a head pressure switch. When the switch is engaged, the recovery system is shut down, and a vacuum truck is dispatched. The recovered fluids are pumped out of the tanks and transported offsite to the Gandy Corporation facility for disposal.

The depth to water and/or PSH in the frac tanks is periodically measured with an oil/water interface probe so that recovered volumes can be calculated. An in-line flow meter is also installed downstream of the transfer pump to quantify the total fluids recovered.

During 2025, the quarterly PSH and groundwater recovery totals for the system are as follows:

1st Quarter – 12.02 bbls PSH and 6,927.98 bbls of groundwater
2nd Quarter – 14.55 bbls PSH and 4,782.35 bbls of groundwater
3rd Quarter – 8.74 bbls PSH and 4,016.23 bbls of groundwater
4th Quarter – 9.41 bbls PSH and 3,137.78 bbls of groundwater

Twelve (12) MDPE events, during which liquid and vapor PSH was recovered, were conducted on site during 2025. The individual MDPE event recovery totals are as follows:

January 9, 2025 – 6.00 bbls vapor, 17.43 bbls liquid PSH
February 13, 2025 – 4.20 bbls vapor, 4.43 bbls liquid PSH
March 11, 2025 – 4.21 bbls vapor, 3.74 bbls liquid PSH
April 22, 2025 – 10.11 bbls vapor, 4.10 bbls liquid PSH
May 27, 2025 – 6.60 bbls vapor, 10.54 bbls liquid PSH
June 3, 2025 – 5.51 bbls vapor, 9.03 bbls liquid PSH
July 15, 2025 – 4.16 bbls vapor, 4.28 bbls liquid PSH
August 5, 2025 – 6.83 bbls vapor, 5.52 bbls liquid PSH
September 2, 2025 – 5.84 bbls vapor, 4.02 bbls liquid PSH
October 14, 2025 – 5.92 bbls vapor, 3.20 bbls liquid PSH
November 3, 2025 – 0.52 bbls vapor, 1.70 bbls liquid PSH
December 2, 2025 – 0.55 bbls vapor, 3.08 bbls liquid PSH

An estimated total of approximately 131.50 bbls of PSH was recovered during the MDPE events conducted during 2025. A copy of the 2025 annual MDPE report has been included in [Appendix E](#).

Approximately 5,799.26 bbls of PSH has been recovered from the site to date.

3. GROUNDWATER MONITORING RESULTS

The results of the laboratory analyses are summarized in **Table 2** – Groundwater Analytical Data - Current in [Appendix B](#). Laboratory analytical data reports and chain of custody documentation are provided in [Appendix C](#).

The following sections present the results from the monitoring of the first water-bearing zone underlying the site.

3.1 Physical Characteristics of the First Water-Bearing Zone

The primary groundwater resource under the Southern High Plains, which includes the site, is referred to as the Ogallala Aquifer or High Plains Aquifer. The Southern portion of the Ogallala Aquifer underlies an area of about 29,000 square miles in western Texas and eastern New Mexico, encompassing all or part of 31 counties in Texas and six (6) counties in New Mexico.

The Ogallala Aquifer has experienced acute depletion from extensive irrigation and urban demand, which have exceeded the average annual recharge rate. Recharge of the Ogallala Aquifer on the Southern High Plains occurs predominately from rainfall runoff that accumulates in ephemeral streams and playa lakes as well as direct recharge in areas that contain permeable soils such as sand hills. Recharge rates vary depending on mechanism, but average from zero to 1.6 inches per year.

The Ogallala Aquifer is generally unconfined and the potentiometric surface mimics the topography with the regional flow direction from the northwest to the southeast. The mean regional gradient is 15 feet per mile and the typical groundwater velocity averages seven inches per day. The regional hydraulic conductivity averages 17 gallons per day per square-foot with a specific yield averaging 16%. The depth to groundwater at the site ranged from 60.59 feet below ground surface (bgs) to 66.05 feet bgs and the groundwater flow direction is to the east northeast. The saturated thickness of the Ogallala formation on the High Plains ranges from 25 feet to 175 feet. The variable thickness is due to the irregularly eroded Triassic surface that underlies it.

The composition of Ogallala groundwater is defined as mixed-cation-HCO₃, therefore, Ogallala groundwater is considered hard. Problems with scale have occurred with residential and commercial water systems that use Ogallala groundwater and often treatment strategies are employed to reduce the effects of scale. The typical total dissolved solids of Ogallala groundwater in the Hobbs-Lovington area is generally less than 1,000 mg/L (ppm) in areas not impacted by oil-field brines. The pH of Ogallala water averages 7.3.

3.2 Groundwater Gradient and Flow Direction

The depth to fluid measurements were collected during each of the four (4) groundwater monitoring events during the year 2025. The results of the fluid level measurements are summarized in Table 1 - Groundwater Gauging Data - Historical in [Appendix B](#).

Potentiometric surface maps were constructed from the four (4) quarterly water level measurement data sets:

- March 26, 2025
- June 12, 2025
- September 08, 2025
- December 10, 2025

These maps are Figures **2a**, **2b**, **2c**, and **2d** presented in [Appendix A](#).

Based on fluid level measurements collected from the site, the groundwater flow direction within the first water-bearing zone underlying the site between March 2025 and December 2025 was southeast with an average gradient of 0.0052 feet per foot (ft/ft).

3.3 Phase Separated Hydrocarbons

Groundwater measurements were obtained using an oil/water interface probe, which was also used to determine the presence of PSH.

During the March 2025 sampling event, PSH was observed in 18 monitor wells (MW-1 through MW-6, MW-8, MW-10 through MW-12, MW-14 through MW-17, MW-26, MW-27, MW-29, and MW-30). PSH thicknesses in these wells ranged from 0.01 feet to 4.43 feet.

During the June 2025 sampling event, PSH was observed in 18 monitor wells (MW-1 through MW-6, MW-8, MW-10 through MW-12, MW-14 through MW-17, MW-26, MW-27, MW-29, and MW-30). PSH thicknesses in these wells ranged from 0.01 feet to 3.66 feet.

During the September 2025 sampling event, PSH was observed in 18 monitor wells (MW-1 through MW-6, MW-8, MW-10 through MW-12, MW-14 through MW-17, MW-26, MW-27, MW-29, and MW-30). PSH thicknesses in these wells ranged from 0.01 feet to 3.22 feet.

During the December 2025 sampling event, PSH was observed in 14 monitor wells (MW-1 through MW-6, MW-10 through MW-12, MW-14, MW-15, MW-17, MW-27, and MW-29). PSH thicknesses in these wells ranged from 0.01 feet to 3.71 feet.

PSH plume maps are presented as Figures **3a**, **3b**, **3c**, and **3d** in [Appendix A](#).

3.4 Groundwater Sampling Results

The groundwater analytical results for 2025 are summarized in **Table 2**, and the corresponding laboratory analytical reports are included in [Appendix C](#). Groundwater concentration maps for 2025 are presented in **Figures 3a, 3b, 3c, and 3d**. A summary of results is discussed below:

- Benzene concentrations exceeded the NMWQCC groundwater standard of 0.010 mg/L in monitor wells MW-16, MW-26, and MW-30 during the December sampling event.
- No other analytes exceeded the NMWQCC groundwater standards in 2025.
- Methane concentrations ranged from 0.000522 mg/L in MW-24 to 1.93 mg/L in MW-21.
- Ferrous Iron concentrations ranged from <0.200 mg/L in MW-23 and MW-24 to 0.543 mg/L in MW-21.
- Manganese concentrations ranged from <0.00500 mg/L in MW-24 to 0.0632 mg/L in MW-21.
- Total Alkalinity concentrations ranged from 220 mg/L in MW-24 to 450 mg/L in MW-21.
- Sulfate concentrations ranged from 33.9 mg/L in MW-21 to 97.0 mg/L in MW-24.
- Nitrate as N concentrations ranged from <0.200 mg/L in MW-21 to 2.14 mg/L in MW-24.

Benzene concentrations in wells MW-19, MW-21, MW-22, and MW-25 were analyzed using the Mann-Kendall statistical method to quantitatively determine if the concentrations are increasing, decreasing, or stable over time. The Mann-Kendall analysis is a non-parametric statistical procedure that is used for analyzing trends in data over time. The data was analyzed using the GSI Environmental Inc. Mann-Kendall Toolkit software.

Based on the analysis, benzene concentrations in wells MW-19, MW-21, MW-22, and MW-25 show a decreasing trend. This indicates that the PSH plume is stable and decreasing.

Results of the Mann-Kendall analysis are included in [Appendix D](#).

4. CONCLUSIONS AND RECOMMENDATIONS

The following section presents a summary of the groundwater monitoring events conducted at the site and provides recommendations for future actions.

4.1 Summary of Findings

- Approximately 44.72 bbls of PSH was recovered by the groundwater system and 131.50 bbls of PSH was recovered via MDPE during 2025. Approximately 5,799.26 bbls of PSH has been recovered from the site to date.
- The groundwater flow direction is generally to the southeast with an average gradient of 0.0052 feet per foot based on the water level measurement data collected in 2025.
- PSH has impacted monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-8, MW-10, MW-11, MW-12, MW-14, MW-15, MW-16, MW-17, MW-26, MW-27, MW-29, and MW-30 in 2025. PSH levels and extent fluctuated in 2025, ranging from 0.01 feet in all wells during certain events to a maximum of 4.43 feet in MW-1 during the March monitoring event.
- Results from both the Mann-Kendall trend analysis and the groundwater laboratory data indicate that dissolved-phase concentrations are stable and decreasing.

4.2 Recommendations

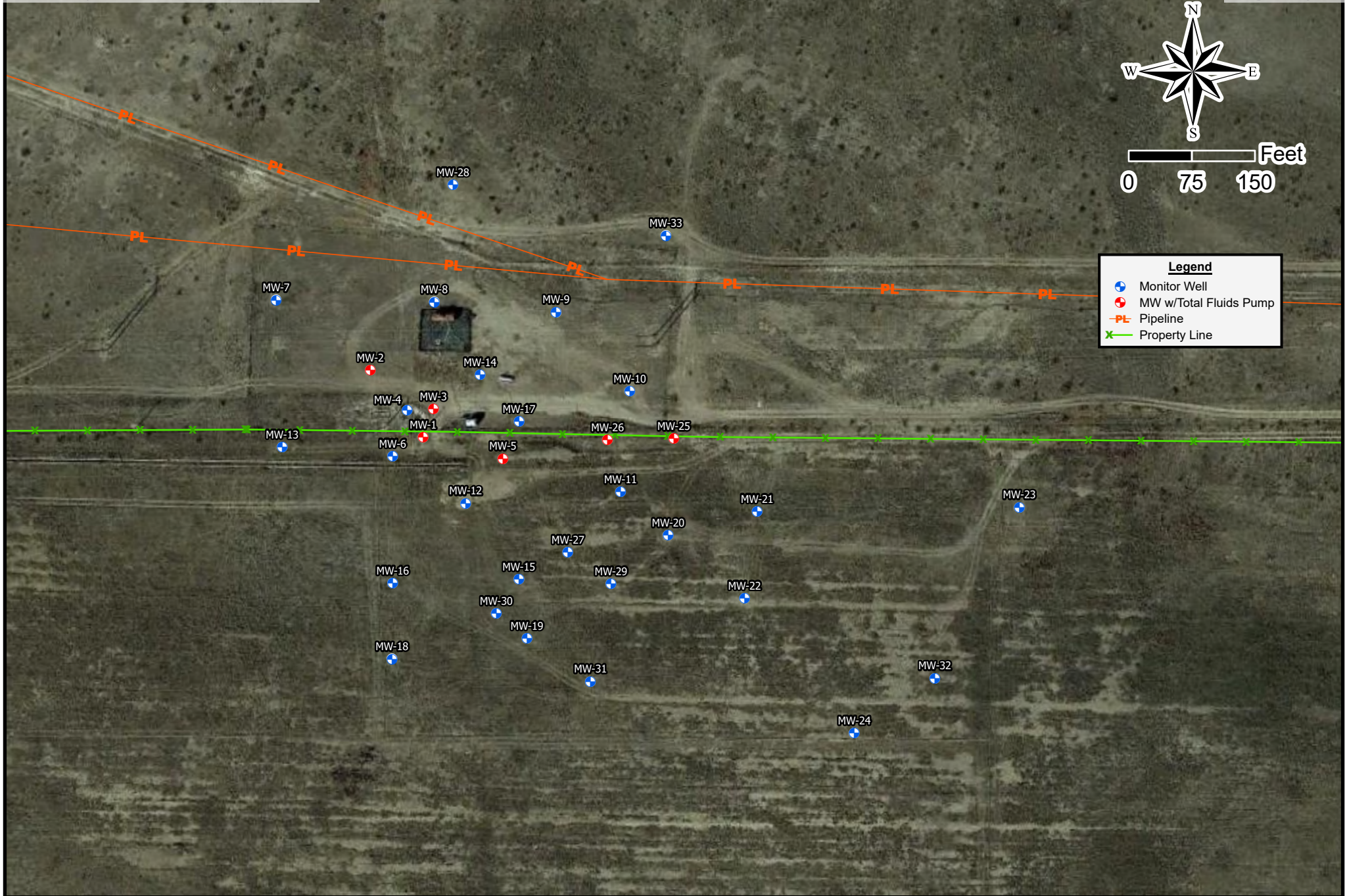
Based upon the results of the quarterly groundwater monitoring and PSH recovery efforts, Talon/LPE proposes the following actions as outlined in the Stage 2 Abatement Plan for the site dated December 16, 2025 and approved by the NMOCD:

- Per the submitted Updated Stage 2 Abatement Plan, five (5) wells are proposed to be decommissioned in 2026, and six (6) new wells are proposed to be installed.
- Continue PSH recovery via monthly MDPE events.
- Continue operation and maintenance of the PSH recovery system and transfer system. Adjust pump intake port depths and controller settings to optimize PSH recovery as needed.
- Perform quarterly groundwater monitoring events in accordance with NMOCD directives.



APPENDIX A

Figures



Drafted: 12/8/2025
 1 in = 150 ft
 Drafted By: JAI

Hobbs Junction Mainline
 SRS # 2003-00017, NMOCD REF. #nAPP2109528296
 SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
 32.711580, -103.228061
 Figure 1 - Site Map



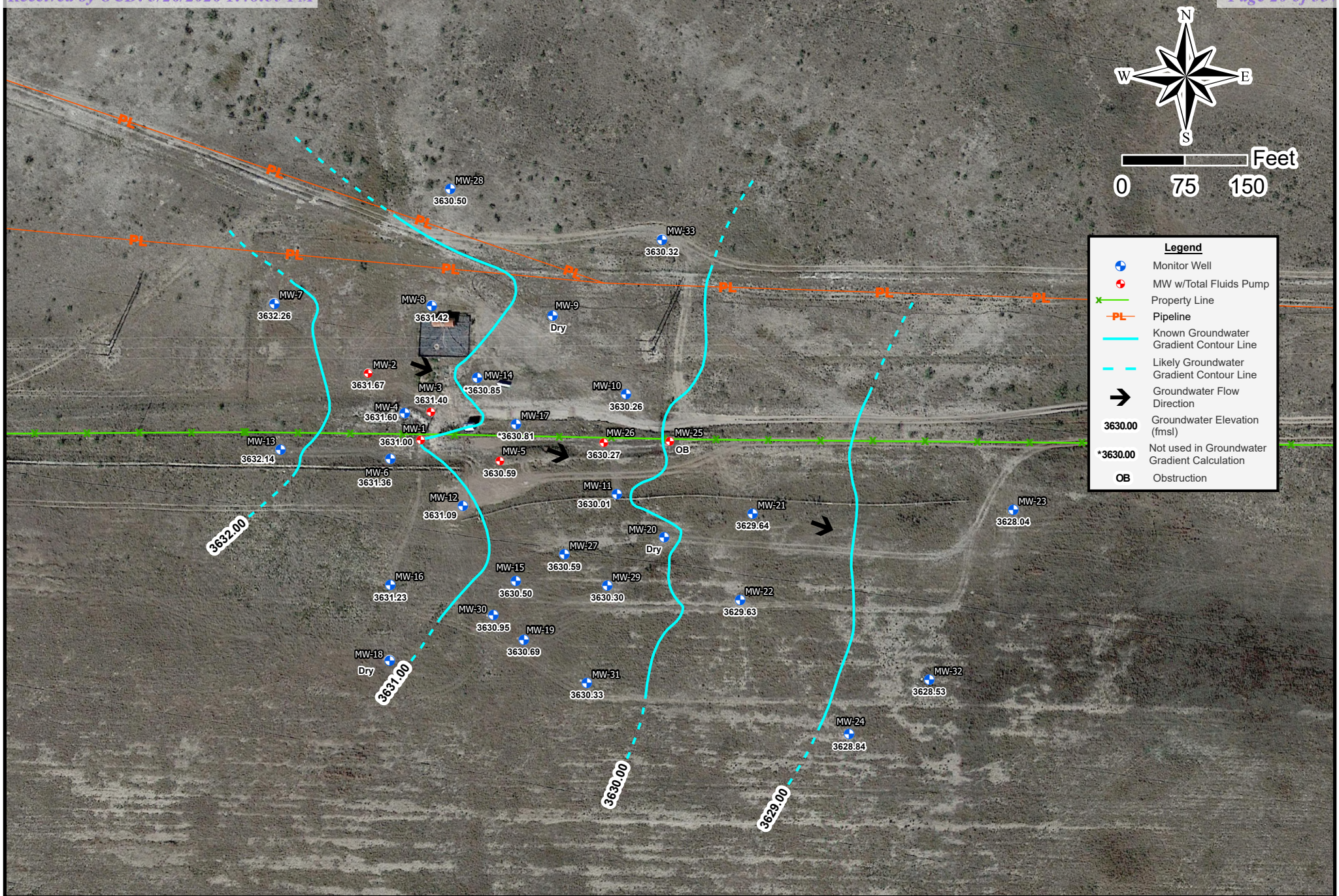
Legend

- Monitor Well
- MW w/ Total Fluids Pump
- Property Line
- Pipeline
- Known Groundwater Gradient Contour Line
- - - Likely Groundwater Gradient Contour Line
- ➔ Groundwater Flow Direction
- 3630.00** Groundwater Elevation (fmsl)
- *3630.00** Not used in Groundwater Gradient Calculation
- OB** Obstruction



Drafted: 5/29/2025
 1 in = 150 ft
 Drafted By: JAI

Hobbs Junction Mainline
 SRS # 2003-00017, NMOCD REF. #nAPP2109528296
 SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
 32.711580, -103.228061
 Figure 2a - Groundwater Gradient Map (03/26/2025)



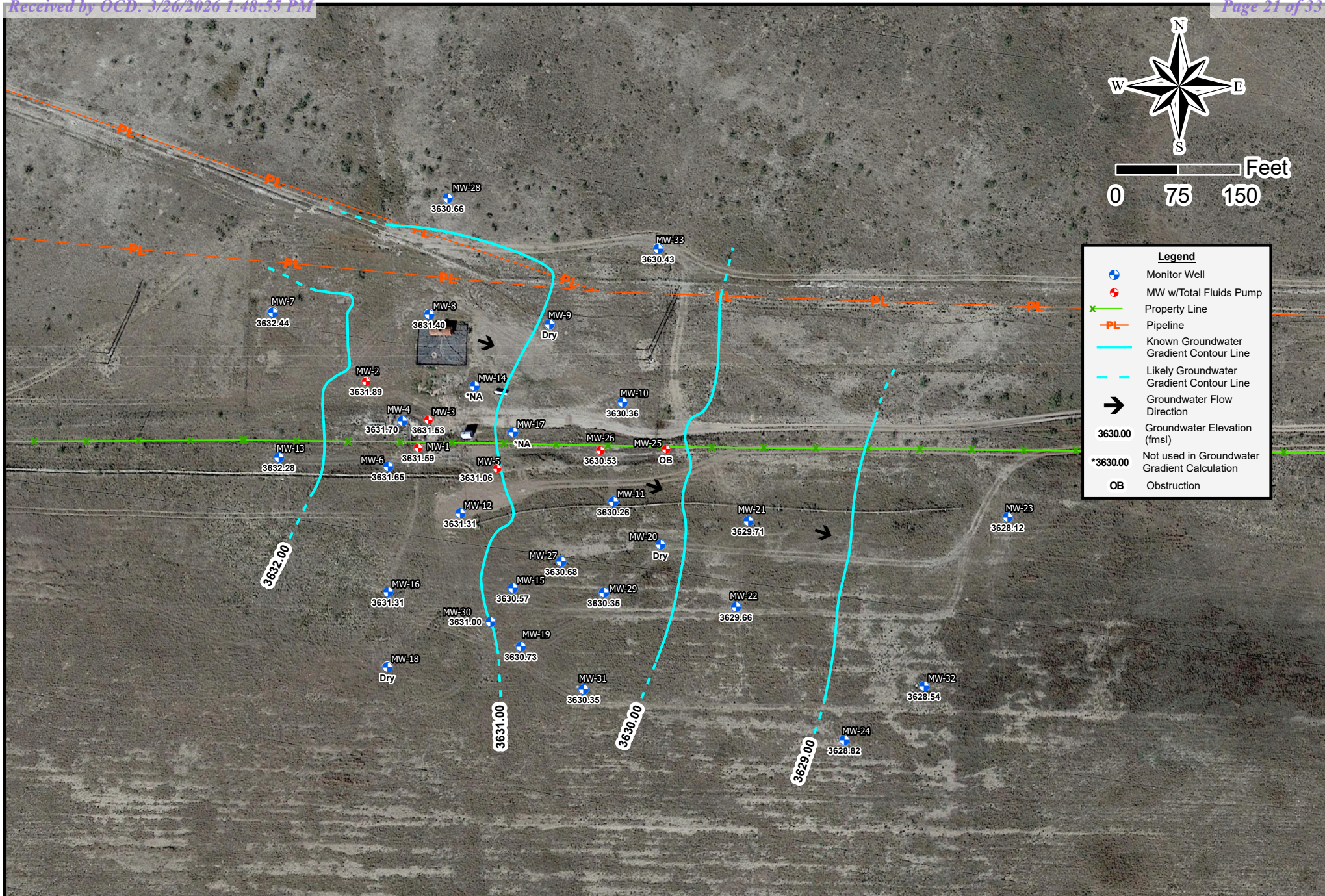
Legend

- Monitor Well
- MW w/Total Fluids Pump
- x Property Line
- PL — Pipeline
- Known Groundwater Gradient Contour Line
- - - Likely Groundwater Gradient Contour Line
- ➔ Groundwater Flow Direction
- 3630.00 Groundwater Elevation (fmsl)
- *3630.00 Not used in Groundwater Gradient Calculation
- OB Obstruction



Drafted: 12/8/2025
 1 in = 150 ft
 Drafted By: JAI

Hobbs Junction Mainline
 SRS # 2003-00017, NMOCD REF. #nAPP2109528296
 SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
 32.711580, -103.228061
 Figure 2b - Groundwater Gradient Map (06/12/2025)



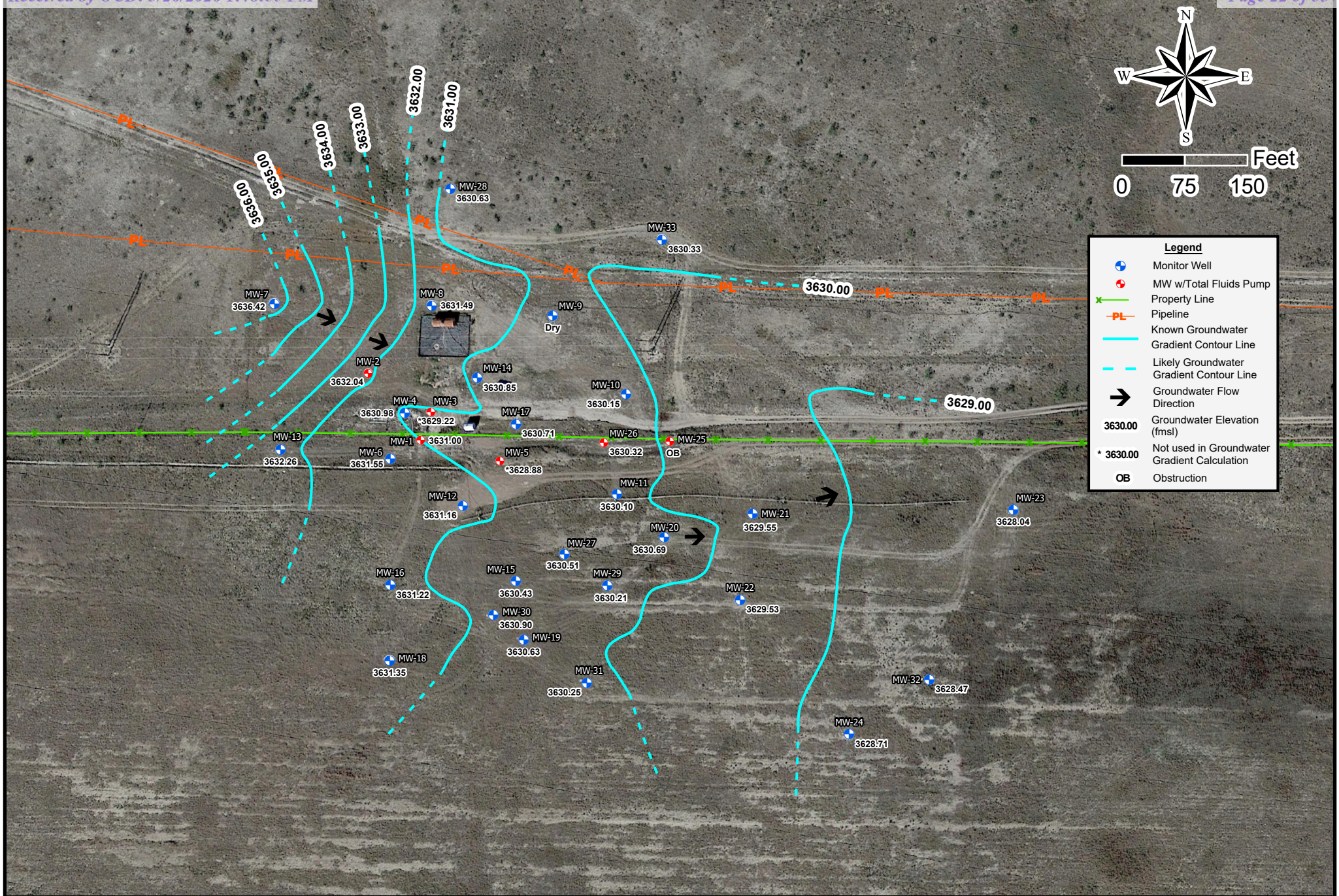
Legend

- Monitor Well
- MW w/Total Fluids Pump
- x Property Line
- PL Pipeline
- Known Groundwater Gradient Contour Line
- - - Likely Groundwater Gradient Contour Line
- ➔ Groundwater Flow Direction
- 3630.00 Groundwater Elevation (fmsl)
- *3630.00 Not used in Groundwater Gradient Calculation
- OB Obstruction



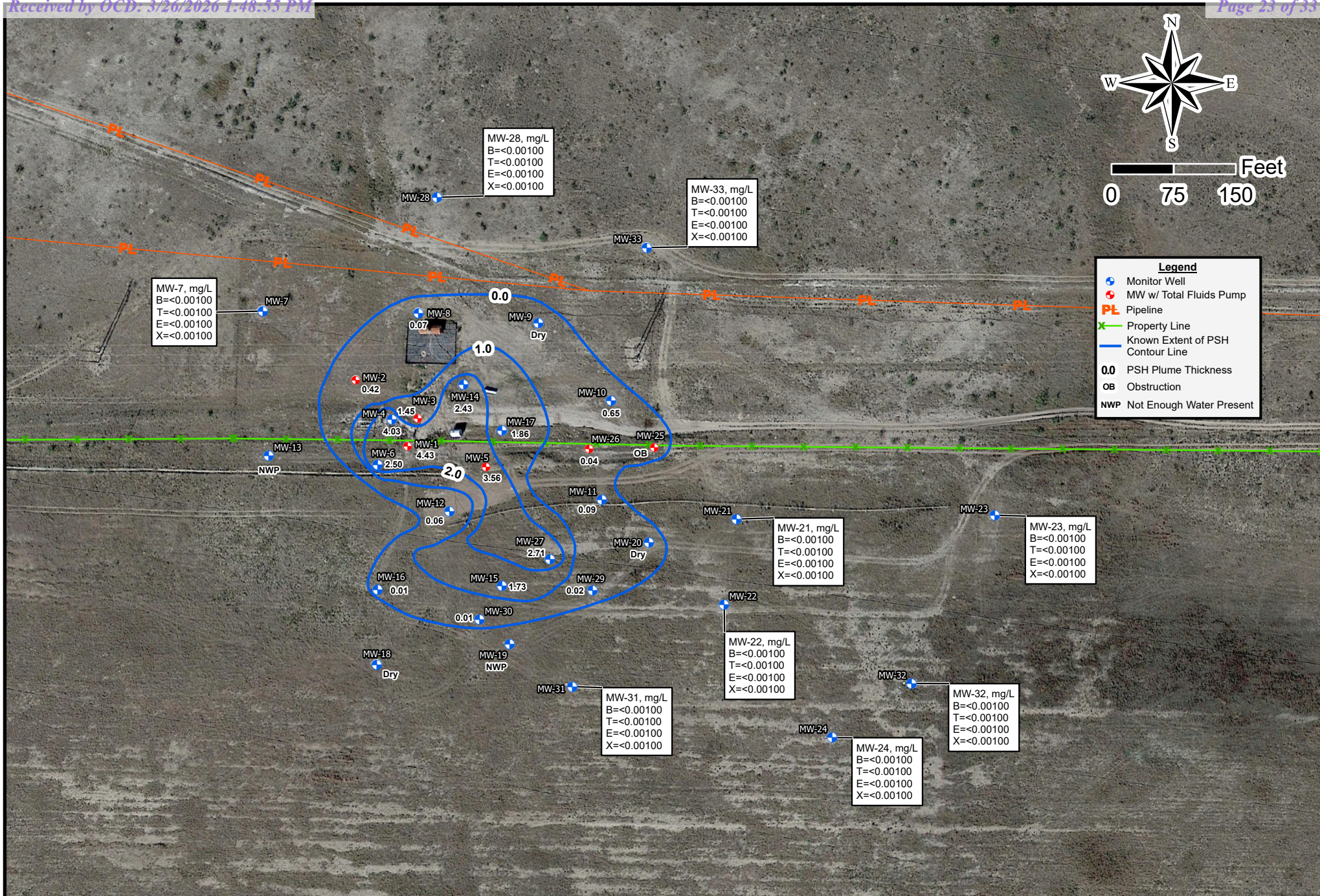
Drafted: 2/2/2026
 1 in = 150 ft
 Drafted By: JAI

Hobbs Junction Mainline
 SRS # 2003-00017, NMOCD REF. #nAPP2109528296
 SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
 32.711580, -103.228061
 Figure 2c - Groundwater Gradient Map (09/08/2025)



Drafted: 1/28/2026
 1 in = 150 ft
 Drafted By: JAI

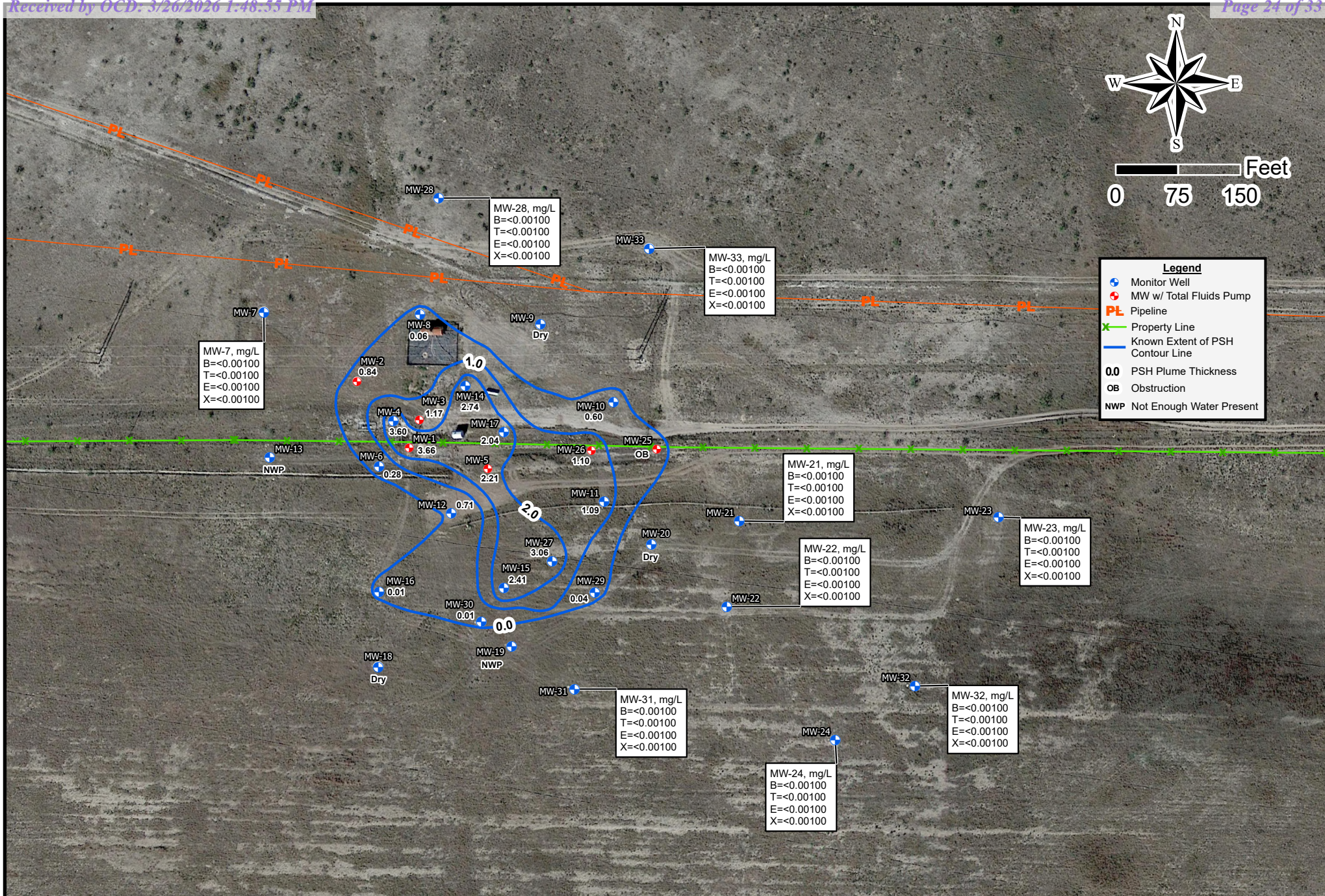
Hobbs Junction Mainline
 SRS # 2003-00017, NMOCD REF. #nAPP2109528296
 SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
 32.711580, -103.228061
 Figure 2d - Groundwater Gradient Map (12/10/2025)



Drafted: 12/8/2025
 1 in = 150 ft
 Drafted By: JAI

Hobbs Junction Mainline
 SRS # 2003-00017, NMOCD REF. #nAPP2109528296
 SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
 32.711580, -103.228061

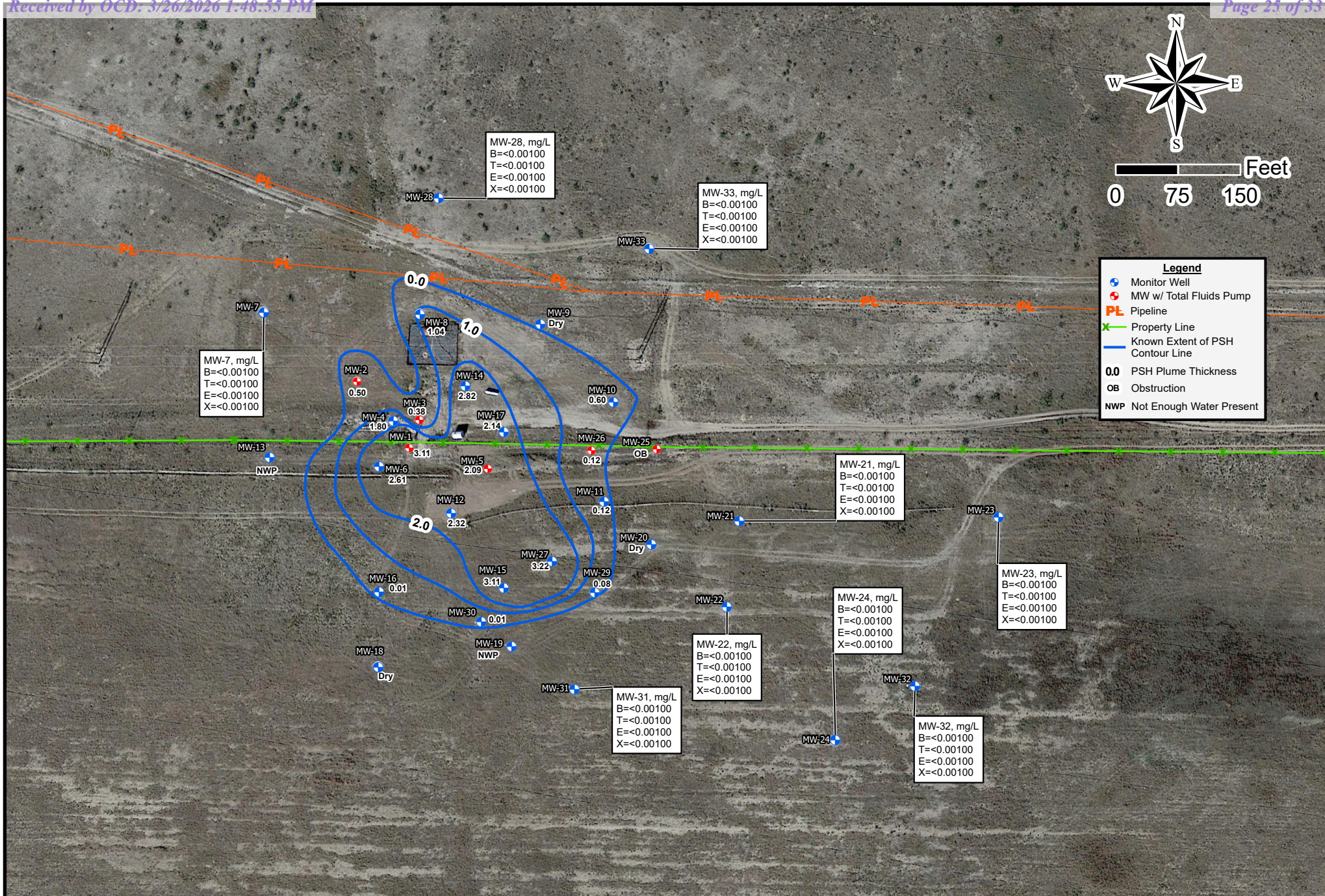
Figure 3a - PSH Thickness and Groundwater Concentration Map (03/26-27/2025)



Drafted: 12/8/2025
 1 in = 150 ft
 Drafted By: JAI

Hobbs Junction Mainline
 SRS # 2003-00017, NMOCD REF. #nAPP2109528296
 SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
 32.711580, -103.228061

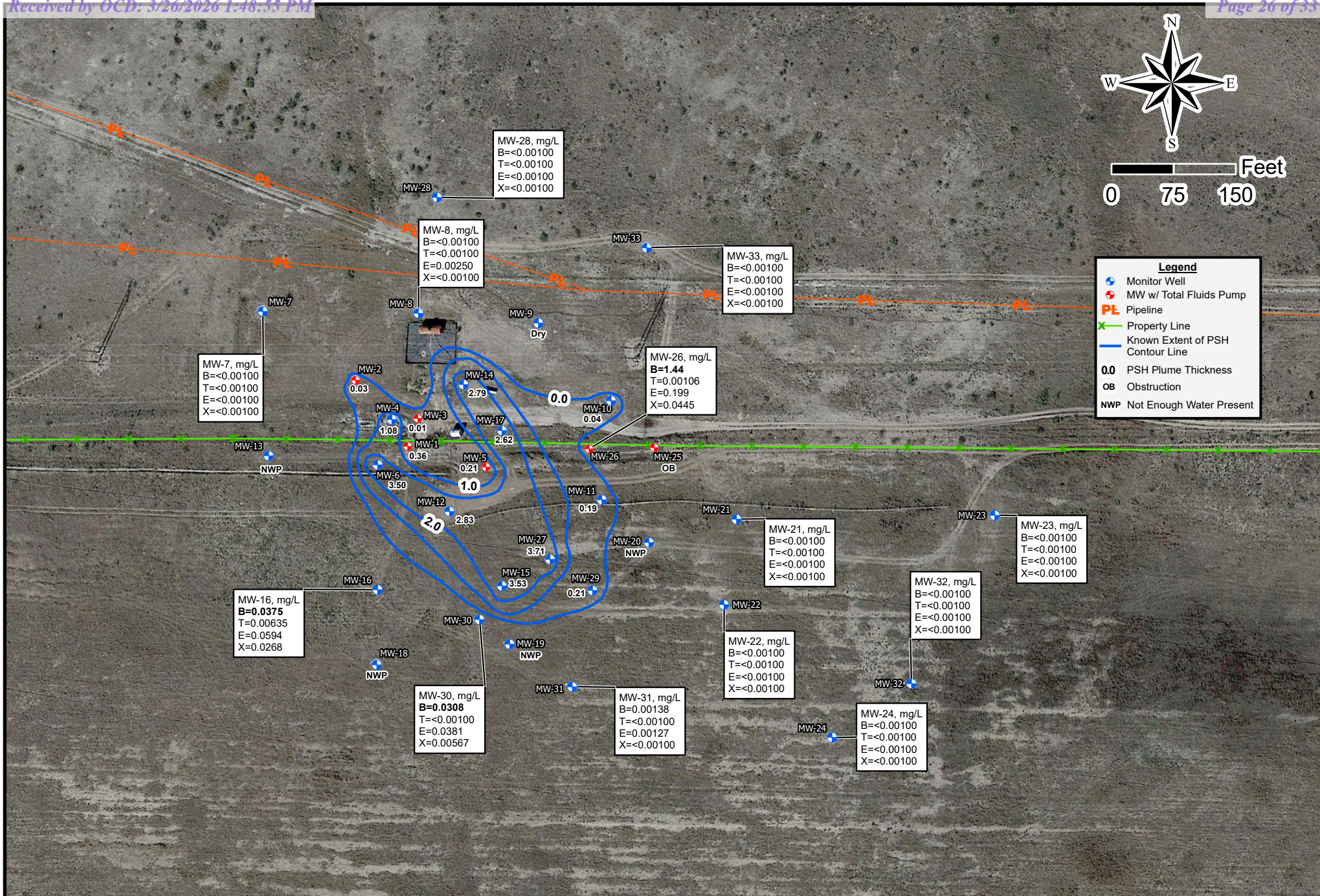
Figure 3b - PSH Thickness and Groundwater Concentration Map (06/12, 23-24/2025)



Drafted: 12/8/2025
 1 in = 150 ft
 Drafted By: JAI

Hobbs Junction Mainline
 SRS # 2003-00017, NMOCD REF. #nAPP2109528296
 SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
 32.711580, -103.228061

Figure 3c - PSH Thickness and Groundwater Concentration Map (09/08-09/2025)



Drafted: 1/28/2026
 1 in = 150 ft
 Drafted By: JAI

Hobbs Junction Mainline
 SRS # 2003-00017, NMOCD REF. #nAPP2109528296
 SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
 32.711580, -103.228061

Figure 3d - PSH Thickness and Groundwater Concentration Map (12/10-12/2025)



APPENDIX B

Tables

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-1 4"	3678.5	39	54	3/9/2016	45.50	41.71	3.79	3636.16
				6/8/2016	45.79	41.71	4.08	3636.12
				9/21/2016	45.90	41.98	3.92	3635.87
				12/7/2016	44.08	42.81	1.27	3635.48
				3/22/2017	45.95	41.90	4.05	3635.93
				5/24/2017	45.98	42.17	3.81	3635.70
				9/18/2017	46.36	42.30	4.06	3635.53
				12/13/2017	46.02	42.52	3.50	3635.40
				3/29/2018	44.04	43.23	0.81	3635.14
				6/19/2018	47.23	42.64	4.59	3635.10
				9/18/2018	44.10	43.50	0.60	3634.90
				1/16/2019	46.29	42.80	3.49	3635.12
				3/19/2019	46.18	42.92	3.26	3635.04
				6/26/2019	44.42	43.50	0.92	3634.85
				9/20/2019	46.54	43.16	3.38	3634.78
				12/11/2019	47.89	43.02	4.87	3634.68
				3/23/2020	48.00	43.05	4.95	3634.63
				6/24/2020	45.95	44.06	1.89	3634.13
				9/11/2020	49.10	46.60	2.50	3631.49
				12/3/2020	48.80	44.51	4.29	3633.28
				3/24/2021	48.91	44.21	4.70	3633.51
				6/22/2021	47.45	45.63	1.82	3632.57
				9/21/2021	50.38	44.60	5.78	3632.95
				12/15/2021	51.26	45.19	6.07	3632.31
				3/22/2022	50.70	45.00	5.70	3632.56
				6/21/2022	48.62	46.11	2.51	3631.98
				9/26/2022	52.14	45.88	6.26	3631.59
				12/27/2022	49.44	46.08	3.36	3631.87
3/23/2023	50.33	46.11	4.22	3631.69				
6/20/2023	51.23	46.67	4.56	3631.08				
9/25/2023	51.39	46.72	4.67	3631.01				
12/26/2023	49.00	46.37	2.63	3631.70				
3/18/2024	49.95	46.05	3.90	3631.81				
6/17/2024	48.47	47.44	1.03	3630.89				
9/18/2024	50.60	47.77	2.83	3630.26				
12/16/2024	52.38	48.11	4.27	3629.69				
3/26/2025	51.16	46.73	4.43	3631.04				
6/12/2025	50.56	46.90	3.66	3631.00				
9/8/2025	49.51	46.40	3.11	3631.59				
12/10/2025	47.80	47.44	0.36	3631.00				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-2 4"	3679.47	38	53	3/9/2016	43.11	42.75	0.36	3636.66
				6/8/2016	43.60	42.84	0.76	3636.50
				9/21/2016	43.58	43.12	0.46	3636.27
				12/7/2016	43.49	43.48	0.01	3635.99
				3/22/2017	44.06	43.00	1.06	3636.30
				5/24/2017	43.81	43.47	0.34	3635.94
				9/18/2017	43.76	43.46	0.30	3635.96
				12/13/2017	43.74	43.64	0.10	3635.81
				3/29/2018	44.20	43.86	0.34	3635.55
				6/19/2018	44.72	43.82	0.90	3635.50
				9/18/2018	43.83	43.82	0.01	3635.65
				1/16/2019	44.80	43.85	0.95	3635.46
				3/19/2019	45.16	43.83	1.33	3635.42
				6/26/2019	45.70	43.95	1.75	3635.23
				9/20/2019	44.93	44.16	0.77	3635.18
				12/11/2019	45.20	44.30	0.90	3635.02
				3/23/2020	44.50	44.45	0.05	3635.01
				6/24/2020	45.08	45.01	0.07	3634.45
				9/10/2020	45.73	45.57	0.16	3633.87
				12/3/2020	46.72	45.80	0.92	3633.52
				3/24/2021	46.74	45.63	1.11	3633.66
				6/22/2021	48.23	46.38	1.85	3632.78
				9/21/2021	48.22	46.34	1.88	3632.82
				12/15/2021	49.21	46.56	2.65	3632.47
				3/22/2022	49.80	47.60	2.20	3631.51
				6/21/2022	48.75	47.05	1.70	3632.14
				9/26/2022	47.90	47.60	0.30	3631.82
				12/27/2022	47.42	47.29	0.13	3632.16
				3/23/2023	OB	-	-	-
				6/20/2023	OB	-	-	-
9/25/2023	OB	-	-	-				
12/26/2023	OB	-	-	-				
3/18/2024	OB	-	-	-				
6/17/2024	OB	-	-	-				
9/18/2024	48.96	48.84	0.12	3630.61				
12/16/2024	48.18	48.06	0.12	3631.39				
3/26/2025	48.54	48.12	0.42	3631.28				
6/12/2025	48.50	47.66	0.84	3631.67				
9/8/2025	48.00	47.50	0.50	3631.89				
12/10/2025	47.46	47.43	0.03	3632.04				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-3 4"	3679.81	39	54	3/9/2016	45.47	43.32	2.15	3636.14
				6/8/2016	47.00	43.03	3.97	3636.12
				9/21/2016	46.50	43.44	3.06	3635.87
				12/7/2016	44.84	44.26	0.58	3635.45
				3/22/2017	47.42	43.20	4.22	3635.91
				5/24/2017	47.03	43.46	3.57	3635.76
				9/18/2017	46.21	43.89	2.32	3635.54
				12/13/2017	45.35	44.25	1.10	3635.38
				3/29/2018	45.16	44.60	0.56	3635.12
				6/19/2018	47.85	44.09	3.76	3635.10
				9/18/2018	44.63	44.62	0.01	3635.19
				1/16/2019	45.38	44.65	0.73	3635.04
				3/19/2019	46.03	44.58	1.45	3634.99
				6/26/2019	45.13	44.95	0.18	3634.83
				9/20/2019	45.21	44.79	0.42	3634.95
				12/11/2019	46.78	44.88	1.90	3634.62
				3/23/2020	46.25	45.08	1.17	3634.54
				6/24/2020	OB	-	-	-
				9/10/2020	51.50	45.30	6.20	3633.49
				12/3/2020	48.28	46.22	2.06	3633.25
				3/24/2021	50.32	45.72	4.60	3633.33
				6/22/2021	52.02	46.29	5.73	3632.57
				9/21/2021	46.81	46.79	0.02	3633.02
				12/15/2021	52.30	46.58	5.72	3632.29
				3/22/2022	49.65	46.80	2.85	3632.54
				6/21/2022	50.45	47.37	3.08	3631.93
				9/26/2022	52.25	47.46	4.79	3631.56
				12/27/2022	51.99	47.19	4.80	3631.83
				3/23/2023	OB	-	-	-
				6/20/2023	OB	-	-	-
9/25/2023	OB	-	-	-				
12/26/2023	OB	-	-	-				
3/18/2024	OB	-	-	-				
6/17/2024	OB	-	-	-				
9/18/2024	53.31	48.63	4.68	3630.41				
12/16/2024	49.76	48.55	1.21	3631.06				
3/26/2025	50.23	48.78	1.45	3630.79				
6/12/2025	49.39	48.22	1.17	3631.40				
9/8/2025	48.60	48.22	0.38	3631.53				
12/10/2025	50.60	50.59	0.01	3629.22				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-4 4"	3679.64	39	54	3/9/2016	45.58	43.88	1.70	3635.48
				6/8/2016	46.06	42.82	3.24	3636.29
				9/21/2016	46.46	43.03	3.43	3636.04
				12/7/2016	44.81	43.81	1.00	3635.66
				3/22/2017	46.60	42.97	3.63	3636.07
				5/24/2017	47.03	43.32	3.71	3635.71
				9/18/2017	47.06	43.31	3.75	3635.71
				12/13/2017	46.95	43.44	3.51	3635.62
				3/29/2018	48.05	44.58	3.47	3634.49
				6/19/2018	48.05	43.65	4.40	3635.26
				9/18/2018	43.89	43.88	0.01	3635.76
				1/16/2019	46.95	43.85	3.10	3635.28
				3/19/2019	44.74	43.75	0.99	3635.73
				6/26/2019	47.37	44.10	3.27	3635.00
				9/20/2019	46.80	44.05	2.75	3635.14
				12/11/2019	48.44	44.13	4.31	3634.80
				3/23/2020	47.30	44.34	2.96	3634.81
				6/24/2020	47.73	44.96	2.77	3634.22
				9/10/2020	50.50	45.05	5.45	3633.69
				12/3/2020	50.15	45.46	4.69	3633.41
				3/24/2021	50.56	45.28	5.28	3633.49
				6/22/2021	50.95	46.14	4.81	3632.71
				9/21/2021	48.95	46.10	2.85	3633.07
				12/15/2021	52.01	46.27	5.74	3632.42
				3/22/2022	51.12	46.10	5.02	3632.71
				6/21/2022	52.04	46.65	5.39	3632.10
				9/26/2022	52.76	46.97	5.79	3631.71
				12/27/2022	52.17	46.79	5.38	3631.96
3/23/2023	53.80	46.99	6.81	3631.53				
6/20/2023	53.28	48.50	4.78	3630.35				
9/25/2023	53.00	47.65	5.35	3631.11				
12/26/2023	51.54	47.20	4.34	3631.72				
3/18/2024	50.97	47.04	3.93	3631.95				
6/17/2024	52.20	49.93	2.27	3629.34				
9/18/2024	53.29	48.22	5.07	3630.58				
12/16/2024	51.25	47.84	3.41	3631.24				
3/26/2025	51.88	47.85	4.03	3631.13				
6/12/2025	51.05	47.45	3.60	3631.60				
9/8/2025	49.44	47.64	1.80	3631.70				
12/10/2025	49.56	48.48	1.08	3630.98				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-5 4"	3679.26	40	55	3/9/2016	46.00	43.20	2.80	3635.60
				6/8/2016	47.43	42.85	4.58	3635.65
				9/21/2016	47.23	43.27	3.96	3635.34
				12/7/2016	45.38	44.22	1.16	3634.85
				3/22/2017	47.60	43.10	4.50	3635.42
				5/24/2017	47.45	43.45	4.00	3635.15
				9/18/2017	47.18	43.78	3.40	3634.92
				12/13/2017	47.02	43.93	3.09	3634.82
				3/29/2018	45.89	44.49	1.40	3634.54
				6/19/2018	47.53	44.12	3.41	3634.58
				9/18/2018	46.55	44.50	2.05	3634.42
				1/16/2019	48.62	43.91	4.71	3634.57
				3/19/2019	48.20	44.09	4.11	3634.49
				6/26/2019	46.37	44.84	1.53	3634.17
				9/20/2019	47.72	44.37	3.35	3634.34
				12/11/2019	49.20	44.31	4.89	3634.14
				3/23/2020	49.55	44.33	5.22	3634.07
				6/24/2020	49.62	44.76	4.86	3633.70
				9/11/2020	50.30	45.25	5.05	3633.18
				12/3/2020	OB	-	-	-
				3/24/2021	OB	-	-	-
				6/22/2021	OB	-	-	-
				9/21/2021	OB	-	-	-
				9/30/2021	51.10	46.00	5.10	3632.42
				12/15/2021	52.00	46.44	5.56	3631.90
				3/22/2022	51.50	46.30	5.20	3632.10
				6/21/2022	51.12	47.00	4.12	3631.58
				9/26/2022	52.90	47.15	5.75	3631.16
				12/27/2022	52.28	47.01	5.27	3631.38
				3/23/2023	53.40	47.20	6.20	3631.04
6/20/2023	OB	-	-	-				
9/25/2023	53.40	47.81	5.59	3630.53				
12/26/2023	53.94	47.45	6.49	3630.74				
3/18/2024	51.46	47.31	4.15	3631.27				
6/17/2024	51.70	48.13	3.57	3630.54				
9/18/2024	51.90	48.97	2.93	3629.81				
12/16/2024	52.73	49.07	3.66	3629.59				
3/26/2025	51.62	48.06	3.56	3630.61				
6/12/2025	50.52	48.31	2.21	3630.59				
9/8/2025	49.95	47.86	2.09	3631.06				
12/10/2025	50.56	50.35	0.21	3628.88				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-6 4"	3680.63	40	55	3/9/2016	45.49	44.17	1.32	3636.24
				6/8/2016	47.45	43.80	3.65	3636.23
				9/21/2016	47.18	44.15	3.03	3635.98
				12/7/2016	45.51	44.94	0.57	3635.60
				3/22/2017	47.90	43.95	3.95	3636.03
				5/24/2017	47.10	44.40	2.70	3635.78
				9/18/2017	46.92	44.60	2.32	3635.65
				12/13/2017	45.80	44.95	0.85	3635.54
				3/29/2018	45.75	45.28	0.47	3635.27
				6/19/2018	47.85	44.99	2.86	3635.17
				9/18/2018	47.61	45.01	2.60	3635.19
				1/16/2019	47.65	45.00	2.65	3635.19
				3/19/2019	48.09	45.00	3.09	3635.12
				6/26/2019	45.63	45.60	0.03	3635.03
				9/20/2019	48.29	45.25	3.04	3634.88
				12/11/2019	48.35	45.20	3.15	3634.91
				3/23/2020	46.77	45.77	1.00	3634.69
				6/24/2020	47.03	46.31	0.72	3634.20
				9/11/2020	47.95	44.30	3.65	3635.73
				12/3/2020	51.18	46.53	4.65	3633.33
				3/24/2021	50.87	46.47	4.40	3633.43
				6/22/2021	52.10	47.21	4.89	3632.61
				9/21/2021	48.36	47.48	0.88	3633.00
				12/15/2021	52.20	47.49	4.71	3632.36
				3/22/2022	51.90	47.21	4.69	3632.65
				6/21/2022	49.05	48.53	0.52	3632.01
				9/26/2022	51.40	48.54	2.86	3631.62
				12/27/2022	49.07	48.69	0.38	3631.88
3/23/2023	51.31	48.42	2.89	3631.73				
6/20/2023	49.92	49.52	0.40	3631.04				
9/25/2023	49.70	49.60	0.10	3631.01				
12/26/2023	48.68	48.67	0.01	3631.96				
3/18/2024	51.53	48.18	3.35	3631.90				
6/17/2024	50.11	49.63	0.48	3630.92				
9/18/2024	50.53	50.20	0.33	3630.38				
12/16/2024	49.86	49.36	0.50	3631.19				
3/26/2025	51.66	49.16	2.50	3631.06				
6/12/2025	49.50	49.22	0.28	3631.36				
9/8/2025	51.16	48.55	2.61	3631.65				
12/10/2025	52.00	48.50	3.50	3631.55				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-7 2"	3679.85	38	53	3/9/2016	42.67	-	-	3637.18
				6/8/2016	42.71	-	-	3637.14
				9/21/2016	42.88	-	-	3636.97
				12/7/2016	43.10	-	-	3636.75
				3/22/2017	43.02	-	-	3636.83
				5/24/2017	43.08	-	-	3636.77
				9/18/2017	43.28	-	-	3636.57
				12/13/2017	43.36	-	-	3636.49
				3/29/2018	43.57	-	-	3636.28
				6/19/2018	43.73	-	-	3636.12
				9/18/2018	43.78	-	-	3636.07
				1/14/2019	43.76	-	-	3636.09
				3/19/2019	43.81	-	-	3636.04
				6/26/2019	43.97	-	-	3635.88
				9/20/2019	44.09	-	-	3635.76
				12/11/2019	44.19	-	-	3635.66
				3/23/2020	44.25	-	-	3635.60
				6/24/2020	44.91	-	-	3634.94
				9/10/2020	45.50	-	-	3634.35
				12/3/2020	45.91	-	-	3633.94
				3/23/2021	45.67	-	-	3634.18
				6/21/2021	46.65	-	-	3633.20
				9/21/2021	46.08	-	-	3633.77
				12/15/2021	46.90	-	-	3632.95
				3/22/2022	46.51	-	-	3633.34
				6/21/2022	47.27	-	-	3632.58
				9/26/2022	47.63	-	-	3632.22
				12/27/2022	47.23	-	-	3632.62
				3/23/2023	47.43	-	-	3632.42
				6/20/2023	48.25	-	-	3631.60
9/25/2023	48.21	-	-	3631.64				
12/26/2023	47.46	-	-	3632.39				
3/18/2024	47.13	-	-	3632.72				
6/17/2024	48.29	-	-	3631.56				
9/18/2024	48.85	-	-	3631.00				
12/16/2024	48.00	-	-	3631.85				
3/26/2025	48.13	-	-	3631.72				
6/12/2025	47.59	-	-	3632.26				
9/8/2025	47.41	-	-	3632.44				
12/10/2025	43.43	-	-	3636.42				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-8 2"	3679.07	35	50	3/9/2016	43.74	42.65	1.09	3636.24
				6/8/2016	43.72	42.76	0.96	3636.15
				9/21/2016	44.22	42.94	1.28	3635.92
				12/7/2016	44.80	43.19	1.61	3635.61
				3/22/2017	43.99	42.98	1.01	3635.92
				5/24/2017	43.58	43.43	0.15	3635.62
				9/18/2017	43.59	43.46	0.13	3635.59
				12/13/2017	43.59	-	-	3635.48
				3/29/2018	43.96	43.75	0.21	3635.29
				6/19/2018	44.25	43.82	0.43	3635.18
				9/18/2018	44.32	43.92	0.40	3635.08
				1/16/2019	44.25	43.85	0.40	3635.15
				3/19/2019	44.37	43.91	0.46	3635.08
				6/26/2019	44.65	44.06	0.59	3634.91
				9/20/2019	44.79	44.19	0.60	3634.78
				12/11/2019	45.07	44.25	0.82	3634.68
				3/23/2020	45.05	44.32	0.73	3634.63
				6/24/2020	45.65	44.80	0.85	3634.13
				9/10/2020	46.05	45.33	0.72	3633.62
				12/3/2020	46.52	45.68	0.84	3633.25
				3/24/2021	46.36	45.61	0.75	3633.34
				6/22/2021	47.11	46.30	0.81	3632.64
				9/21/2021	46.40	46.08	0.32	3632.94
				12/15/2021	47.41	46.59	0.82	3632.34
				3/22/2022	46.51	46.50	0.01	3632.57
				6/21/2022	47.60	47.06	0.54	3631.92
				9/26/2022	47.89	47.39	0.50	3631.60
				12/27/2022	47.20	47.19	0.01	3631.88
				3/23/2023	48.76	47.35	1.41	3631.49
				6/20/2023	48.29	47.62	0.67	3631.34
9/25/2023	48.37	48.03	0.34	3630.98				
12/26/2023	48.62	47.45	1.17	3631.43				
3/18/2024	47.33	47.22	0.11	3631.83				
6/17/2024	48.45	48.07	0.38	3630.94				
9/18/2024	48.80	48.55	0.25	3630.48				
12/16/2024	48.04	47.95	0.09	3631.11				
3/26/2025	48.11	48.04	0.07	3631.02				
6/12/2025	47.70	47.64	0.06	3631.42				
9/8/2025	48.54	47.50	1.04	3631.40				
12/10/2025	47.58	-	-	3631.49				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-9 2"	3678.76	37	52	3/9/2016	45.26	43.00	2.26	3635.39
				6/8/2016	45.72	42.92	2.80	3635.38
				9/21/2016	46.00	43.17	2.83	3635.12
				12/7/2016	46.42	43.49	2.93	3634.79
				3/22/2017	46.05	43.12	2.93	3635.16
				5/24/2017	44.30	43.90	0.40	3634.79
				9/18/2017	44.27	43.90	0.37	3634.80
				12/13/2017	44.39	44.04	0.35	3634.66
				3/29/2018	44.67	44.20	0.47	3634.48
				6/19/2018	45.43	44.20	1.23	3634.36
				9/18/2018	44.25	44.24	0.01	3634.52
				1/14/2019	46.20	44.13	2.07	3634.29
				3/19/2019	46.10	44.18	1.92	3634.26
				6/26/2019	46.26	44.32	1.94	3634.12
				9/20/2019	45.76	44.38	1.38	3634.15
				12/11/2019	45.90	44.46	1.44	3634.06
				3/23/2020	46.40	44.53	1.87	3633.92
				6/24/2020	45.92	44.88	1.04	3633.71
				9/10/2020	46.30	45.40	0.90	3633.21
				12/3/2020	45.80	45.68	0.12	3633.06
				3/24/2021	45.90	45.68	0.22	3633.04
				6/22/2021	NG	-	-	-
				9/21/2021	DR	-	-	-
				12/15/2021	DR	-	-	-
				3/22/2022	DR	-	-	-
				6/21/2022	DR	-	-	-
				9/26/2022	DR	-	-	-
				12/27/2022	DR	-	-	-
				3/23/2023	DR	-	-	-
				6/20/2023	DR	-	-	-
9/25/2023	DR	-	-	-				
12/26/2023	DR	-	-	-				
3/18/2024	DR	-	-	-				
6/17/2024	DR	-	-	-				
9/18/2024	DR	-	-	-				
12/16/2024	DR	-	-	-				
3/26/2025	DR	-	-	-				
6/12/2025	DR	-	-	-				
9/8/2025	DR	-	-	-				
12/10/2025	DR	-	-	-				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-10 2"	3678.36	37	52	3/9/2016	45.35	43.10	2.25	3634.89
				6/8/2016	44.52	43.25	1.27	3634.90
				9/21/2016	45.02	43.47	1.55	3634.63
				12/7/2016	45.53	43.82	1.71	3634.26
				3/22/2017	45.15	43.41	1.74	3634.66
				5/24/2017	44.85	43.95	0.90	3634.26
				9/18/2017	44.33	44.06	0.27	3634.26
				12/13/2017	44.42	44.18	0.24	3634.14
				3/29/2018	44.69	44.42	0.27	3633.90
				6/19/2018	44.70	44.40	0.30	3633.91
				9/18/2018	44.78	44.59	0.19	3633.74
				1/16/2019	45.90	44.25	1.65	3633.84
				3/19/2019	45.53	44.43	1.10	3633.75
				6/26/2019	46.33	44.48	1.85	3633.57
				9/20/2019	45.29	44.79	0.50	3633.49
				12/11/2019	45.77	44.83	0.94	3633.37
				3/23/2020	45.70	44.87	0.83	3633.35
				6/24/2020	46.54	45.20	1.34	3632.94
				9/10/2020	47.25	45.55	1.70	3632.53
				12/3/2020	47.52	45.87	1.65	3632.22
				3/24/2021	47.56	45.88	1.68	3632.20
				6/22/2021	48.36	46.36	2.00	3631.67
				9/21/2021	48.03	46.34	1.69	3631.74
				12/15/2021	48.75	46.66	2.09	3631.36
				3/22/2022	47.11	46.81	0.30	3631.50
				6/21/2022	48.40	47.20	1.20	3630.96
				9/26/2022	48.97	47.50	1.47	3630.62
				12/27/2022	48.49	47.44	1.05	3630.75
				3/23/2023	49.20	47.57	1.63	3630.52
				6/20/2023	49.20	47.98	1.22	3630.18
9/25/2023	49.20	48.21	0.99	3629.99				
12/26/2023	48.70	47.82	0.88	3630.39				
3/18/2024	48.38	47.63	0.75	3630.61				
6/17/2024	49.33	48.23	1.10	3629.95				
9/18/2024	49.54	48.83	0.71	3629.41				
12/16/2024	48.88	48.21	0.67	3630.04				
3/26/2025	48.98	48.33	0.65	3629.92				
6/12/2025	48.60	48.00	0.60	3630.26				
9/8/2025	48.50	47.90	0.60	3630.36				
12/10/2025	48.24	48.20	0.04	3630.15				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-11 4"	3678.03	36	51	3/9/2016	43.29	43.26	0.03	3634.77
				6/8/2016	44.64	43.06	1.58	3634.71
				9/21/2016	43.60	43.54	0.06	3634.48
				12/7/2016	44.01	-	-	3634.02
				3/22/2017	43.67	43.48	0.19	3634.52
				5/24/2017	43.80	43.72	0.08	3634.30
				9/18/2017	43.99	43.94	0.05	3634.08
				12/13/2017	44.13	44.08	0.05	3633.94
				3/29/2018	44.44	44.35	0.09	3633.67
				6/19/2018	44.43	44.32	0.11	3633.69
				9/18/2018	44.45	44.44	0.01	3633.59
				1/16/2019	44.50	44.37	0.13	3633.64
				3/19/2019	44.75	44.36	0.39	3633.61
				6/26/2019	44.60	44.57	0.03	3633.46
				9/20/2019	44.91	44.59	0.32	3633.39
				12/11/2019	45.93	44.64	1.29	3633.18
				3/23/2020	45.30	44.80	0.50	3633.15
				6/24/2020	45.32	45.10	0.22	3632.89
				9/11/2020	46.66	46.50	0.16	3631.50
				12/3/2020	46.02	45.88	0.14	3632.13
				3/24/2021	46.25	45.90	0.35	3632.07
				6/22/2021	46.51	46.46	0.05	3631.56
				9/21/2021	46.76	46.74	0.02	3631.29
				12/15/2021	46.76	46.72	0.04	3631.30
				3/22/2022	47.11	47.10	0.01	3630.93
				6/21/2022	47.15	47.09	0.06	3630.93
				9/26/2022	47.65	47.51	0.14	3630.50
				12/27/2022	47.46	47.38	0.08	3630.64
				3/23/2023	47.59	47.53	0.06	3630.49
				6/20/2023	48.20	47.85	0.35	3630.12
9/25/2023	48.18	48.16	0.02	3629.87				
12/26/2023	47.80	47.73	0.07	3630.29				
3/18/2024	47.63	47.56	0.07	3630.46				
6/17/2024	48.48	48.11	0.37	3629.86				
9/18/2024	48.56	48.52	0.04	3629.50				
12/16/2024	48.10	48.06	0.04	3629.96				
3/26/2025	48.25	48.16	0.09	3629.86				
6/12/2025	48.93	47.84	1.09	3630.01				
9/8/2025	47.87	47.75	0.12	3630.26				
12/10/2025	48.09	47.90	0.19	3630.10				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-12 4"	3679.63	36	51	3/9/2016	45.68	43.58	2.10	3635.70
				6/8/2016	47.40	43.20	4.20	3635.74
				9/21/2016	46.85	43.70	3.15	3635.41
				12/7/2016	45.55	44.56	0.99	3634.91
				3/22/2017	47.70	43.48	4.22	3635.45
				5/24/2017	46.80	43.95	2.85	3635.21
				9/18/2017	46.78	44.16	2.62	3635.04
				12/13/2017	47.24	44.22	3.02	3634.91
				3/29/2018	45.70	44.83	0.87	3634.66
				6/19/2018	46.80	44.59	2.21	3634.68
				9/18/2018	44.87	44.86	0.01	3634.77
				1/16/2019	47.90	44.35	3.55	3634.69
				3/19/2019	46.96	44.65	2.31	3634.60
				6/26/2019	46.17	45.00	1.17	3634.44
				9/20/2019	46.59	44.76	1.83	3634.57
				12/11/2019	49.40	44.65	4.75	3634.20
				3/23/2020	45.80	44.85	0.95	3634.62
				6/24/2020	47.05	45.74	1.31	3633.67
				9/11/2020	46.50	46.30	0.20	3633.30
				12/3/2020	47.20	46.63	0.57	3632.91
				3/24/2021	50.79	45.92	4.87	3632.91
				6/22/2021	49.91	47.23	2.68	3631.96
				9/21/2021	50.41	47.65	2.76	3631.52
				12/15/2021	50.26	46.90	3.36	3632.18
				3/22/2022	50.70	46.60	4.10	3632.35
				6/21/2022	50.30	47.17	3.13	3631.94
				9/26/2022	50.30	47.50	2.80	3631.67
				12/27/2022	50.30	47.34	2.96	3631.80
				3/23/2023	50.30	47.43	2.87	3631.73
				6/20/2023	50.30	48.00	2.30	3631.25
9/25/2023	50.30	48.22	2.08	3631.07				
12/26/2023	50.27	47.81	2.46	3631.41				
3/18/2024	50.27	47.63	2.64	3631.56				
6/17/2024	50.76	48.15	2.61	3631.05				
9/18/2024	50.92	48.62	2.30	3630.63				
12/16/2024	50.27	48.18	2.09	3631.11				
3/26/2025	47.93	47.87	0.06	3631.75				
6/12/2025	49.13	48.42	0.71	3631.09				
9/8/2025	50.26	47.94	2.32	3631.31				
12/10/2025	50.83	48.00	2.83	3631.16				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-13 2"	3681.42	36.3	51.3	3/9/2016	44.45	-	-	3636.97
				6/8/2016	44.50	-	-	3636.92
				9/21/2016	44.69	-	-	3636.73
				12/7/2016	44.93	-	-	3636.49
				3/22/2017	44.81	-	-	3636.61
				5/24/2017	44.90	-	-	3636.52
				9/18/2017	45.05	-	-	3636.37
				12/13/2017	45.17	-	-	3636.25
				3/29/2018	45.38	-	-	3636.04
				6/19/2018	45.59	-	-	3635.83
				9/18/2018	45.56	-	-	3635.86
				1/14/2019	45.54	-	-	3635.88
				3/19/2019	45.60	-	-	3635.82
				6/26/2019	45.76	-	-	3635.66
				9/20/2019	45.87	-	-	3635.55
				12/11/2019	45.97	-	-	3635.45
				3/23/2020	46.00	-	-	3635.42
				6/24/2020	46.65	-	-	3634.77
				9/10/2020	47.30	-	-	3634.12
				12/3/2020	47.62	-	-	3633.80
				3/23/2021	47.43	-	-	3633.99
				6/22/2021	48.48	-	-	3632.94
				9/21/2021	47.79	-	-	3633.63
				12/15/2021	48.70	-	-	3632.72
				3/22/2022	48.23	-	-	3633.19
				6/21/2022	48.92	-	-	3632.50
				9/26/2022	49.37	-	-	3632.05
				12/27/2022	48.93	-	-	3632.49
3/23/2023	49.17	-	-	3632.25				
6/20/2023	50.00	-	-	3631.42				
9/25/2023	49.91	-	-	3631.51				
12/26/2023	49.17	-	-	3632.25				
3/18/2024	48.86	-	-	3632.56				
6/17/2024	50.09	-	-	3631.33				
9/18/2024	50.60	-	-	3630.82				
12/16/2024	49.67	-	-	3631.75				
3/26/2025	49.87	-	-	3631.55				
6/12/2025	49.28	-	-	3632.14				
9/8/2025	49.14	-	-	3632.28				
12/10/2025	49.16	-	-	3632.26				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-14 4"	3679.00	36	51	3/9/2016	44.65	43.15	1.50	3635.60
				6/8/2016	46.78	42.72	4.06	3635.61
				9/21/2016	45.15	43.36	1.79	3635.34
				12/7/2016	44.33	43.99	0.34	3634.95
				3/22/2017	47.10	42.95	4.15	3635.37
				5/24/2017	45.45	43.76	1.69	3634.96
				9/18/2017	44.99	43.81	1.18	3635.00
				12/13/2017	44.58	44.05	0.53	3634.86
				3/29/2018	44.63	44.33	0.30	3634.62
				6/19/2018	45.25	44.26	0.99	3634.58
				9/18/2018	44.83	44.44	0.39	3634.50
				1/16/2019	46.30	44.10	2.20	3634.54
				3/19/2019	48.10	43.83	4.27	3634.47
				6/26/2019	45.08	44.60	0.48	3634.32
				9/20/2019	46.77	44.31	2.46	3634.28
				12/11/2019	48.44	44.20	4.24	3634.10
				3/23/2020	47.50	44.44	3.06	3634.06
				6/24/2020	46.42	45.20	1.22	3633.60
				9/10/2020	46.40	45.83	0.57	3633.08
				12/3/2020	46.69	46.14	0.55	3632.77
				3/24/2021	48.93	45.66	3.27	3632.80
				6/22/2021	48.93	46.37	2.56	3632.21
				9/21/2021	49.81	46.01	3.80	3632.36
				12/15/2021	49.03	46.82	2.21	3631.82
				3/22/2022	48.30	46.39	1.91	3632.29
				6/21/2022	50.45	46.97	3.48	3631.46
				9/26/2022	50.45	47.26	3.19	3631.21
				12/27/2022	50.80	47.13	3.67	3631.26
3/23/2023	50.45	47.23	3.22	3631.24				
6/20/2023	50.45	47.79	2.66	3630.77				
9/25/2023	50.45	47.98	2.47	3630.61				
12/26/2023	50.44	47.52	2.92	3631.00				
3/18/2024	50.44	47.34	3.10	3631.15				
6/17/2024	50.44	47.95	2.49	3630.64				
9/18/2024	50.44	48.49	1.95	3630.19				
12/16/2024	50.44	47.97	2.47	3630.62				
3/26/2025	50.44	48.01	2.43	3630.59				
6/12/2025	50.44	47.70	2.74	3630.85				
9/8/2025	-	47.62	2.82	-				
12/10/2025	50.48	47.69	2.79	3630.85				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-15 4"	3674.92	34	49	3/9/2016	40.82	39.72	1.10	3635.02
				6/8/2016	42.91	39.24	3.67	3635.07
				9/21/2016	41.58	39.84	1.74	3634.79
				12/7/2016	41.06	40.53	0.53	3634.30
				3/22/2017	42.70	39.55	3.15	3634.85
				5/24/2017	42.65	39.90	2.75	3634.57
				9/18/2017	42.87	40.03	2.84	3634.42
				12/13/2017	43.17	40.12	3.05	3634.30
				3/29/2018	41.95	40.71	1.24	3634.01
				6/19/2018	43.52	40.35	3.17	3634.05
				9/18/2018	40.69	40.68	0.01	3634.24
				1/16/2019	44.25	40.22	4.03	3634.04
				3/19/2019	43.98	40.37	3.61	3633.95
				6/27/2019	42.85	40.75	2.10	3633.82
				9/20/2019	44.34	40.59	3.75	3633.71
				12/11/2019	43.98	40.80	3.18	3633.60
				3/23/2020	44.85	40.68	4.17	3633.55
				6/24/2020	43.57	41.40	2.17	3633.16
				9/11/2020	43.05	42.05	1.00	3632.70
				12/3/2020	42.81	42.50	0.31	3632.37
				12/6/2020	42.85	42.43	0.42	3632.42
				3/24/2021	45.31	41.94	3.37	3632.42
				6/22/2021	43.73	42.95	0.78	3631.84
				9/21/2021	44.96	43.40	1.56	3631.26
				12/15/2021	45.33	43.04	2.29	3631.50
				3/22/2022	44.70	42.90	1.80	3631.72
				6/21/2022	46.27	43.25	3.02	3631.17
				9/26/2022	46.90	43.62	3.28	3630.76
				12/27/2022	44.36	43.94	0.42	3630.91
				3/23/2023	44.54	44.05	0.49	3630.79
6/20/2023	45.50	44.45	1.05	3630.30				
9/25/2023	45.72	44.60	1.12	3630.14				
12/26/2023	45.55	44.06	1.49	3630.61				
3/18/2024	46.33	43.66	2.67	3630.82				
6/17/2024	47.50	44.14	3.36	3630.23				
9/18/2024	47.45	45.40	2.05	3629.18				
12/16/2024	44.75	44.63	0.12	3630.27				
3/26/2025	46.22	44.49	1.73	3630.14				
6/12/2025	46.43	44.02	2.41	3630.50				
9/8/2025	46.95	43.84	3.11	3630.57				
12/10/2025	47.44	43.91	3.53	3630.43				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-16 4"	3676.86	33	48	3/9/2016	43.81	40.61	3.20	3635.72
				6/8/2016	43.60	40.70	2.90	3635.68
				9/21/2016	44.10	40.89	3.21	3635.44
				12/7/2016	44.20	41.31	2.89	3635.07
				3/22/2017	43.75	40.90	2.85	3635.49
				5/24/2017	44.30	41.10	3.20	3635.23
				9/18/2017	41.30	41.24	0.06	3635.61
				12/13/2017	41.87	41.83	0.04	3635.02
				3/29/2018	42.18	42.08	0.10	3634.76
				6/19/2018	42.28	42.11	0.17	3634.72
				9/18/2018	42.19	42.18	0.01	3634.68
				1/16/2019	42.26	42.12	0.14	3634.72
				3/19/2019	42.24	42.18	0.06	3634.67
				6/27/2019	42.57	42.36	0.21	3634.47
				9/20/2019	42.63	42.42	0.21	3634.41
				12/11/2019	42.79	42.52	0.27	3634.30
				3/23/2020	42.77	42.60	0.17	3634.23
				6/24/2020	43.20	43.09	0.11	3633.75
				9/11/2020	43.70	43.60	0.10	3633.24
				12/3/2020	44.03	43.91	0.12	3632.93
				3/23/2021	43.84	43.77	0.07	3633.08
				6/22/2021	44.66	44.64	0.02	3632.22
				9/21/2021	45.15	45.13	0.02	3631.73
				12/15/2021	44.96	44.88	0.08	3631.97
				3/22/2022	44.60	44.59	0.01	3632.27
				6/21/2022	45.16	45.15	0.01	3631.71
				9/26/2022	45.67	45.56	0.11	3631.28
				12/27/2022	45.43	45.36	0.07	3631.49
				3/23/2023	45.53	45.52	0.01	3631.34
				6/20/2023	46.17	-	-	3630.69
9/25/2023	46.16	46.15	0.01	3630.71				
12/26/2023	45.62	45.61	0.01	3631.25				
3/18/2024	45.35	45.34	0.01	3631.52				
6/17/2024	46.28	46.27	0.01	3630.59				
9/18/2024	46.62	46.61	0.01	3630.25				
12/16/2024	46.00	45.99	0.01	3630.87				
3/26/2025	46.11	46.10	0.01	3630.76				
6/12/2025	45.64	45.63	0.01	3631.23				
9/8/2025	45.56	45.55	0.01	3631.31				
12/10/2025	45.64	-	-	3631.22				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-17 4"	3679.01	36	51	3/9/2016	46.20	43.18	3.02	3635.33
				6/8/2016	48.02	42.83	5.19	3635.32
				9/21/2016	48.51	43.12	5.39	3635.00
				12/7/2016	45.56	44.14	1.42	3634.64
				3/22/2017	47.70	43.20	4.50	3635.07
				5/24/2017	48.00	43.58	4.42	3634.70
				9/18/2017	47.00	43.81	3.19	3634.67
				12/13/2017	45.65	44.10	1.55	3634.65
				3/29/2018	45.55	44.54	1.01	3634.30
				6/19/2018	46.75	44.14	2.61	3634.44
				9/18/2018	45.55	45.54	0.01	3633.47
				1/16/2019	47.25	44.05	3.20	3634.43
				3/19/2019	47.04	44.20	2.84	3634.34
				6/26/2019	44.79	44.70	0.09	3634.30
				9/20/2019	46.89	44.43	2.46	3634.17
				12/11/2019	48.87	44.30	4.57	3633.96
				3/23/2020	47.87	44.54	3.33	3633.92
				6/24/2020	47.21	45.32	1.89	3633.38
				9/10/2020	46.60	46.00	0.60	3632.91
				12/3/2020	47.00	46.37	0.63	3632.54
				3/24/2021	50.13	45.68	4.45	3632.60
				6/22/2021	47.10	46.31	0.79	3632.57
				9/21/2021	50.50	47.16	3.34	3631.30
				12/15/2021	49.95	46.60	3.35	3631.86
				3/22/2022	49.60	46.50	3.10	3632.00
				6/21/2022	49.95	47.00	2.95	3631.52
				9/26/2022	49.95	47.33	2.62	3631.25
				12/27/2022	49.95	47.14	2.81	3631.41
3/23/2023	49.95	47.26	2.69	3631.31				
6/20/2023	49.95	47.71	2.24	3630.93				
9/25/2023	49.95	47.97	1.98	3630.71				
12/26/2023	49.90	47.60	2.30	3631.03				
3/18/2024	49.90	47.45	2.45	3631.16				
6/17/2024	49.90	47.93	1.97	3630.75				
9/18/2024	49.90	48.36	1.54	3630.40				
12/16/2024	49.90	47.98	1.92	3630.71				
3/26/2025	49.90	48.04	1.86	3630.66				
6/12/2025	49.90	47.86	2.04	3630.81				
9/8/2025	-	47.76	2.14	-				
12/10/2025	50.49	47.87	2.62	3630.71				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-18 2"	3675.68	30	45	3/9/2016	39.79	-	-	3635.89
				6/8/2016	39.78	-	-	3635.90
				9/21/2016	40.00	-	-	3635.68
				12/7/2016	40.31	-	-	3635.37
				3/22/2017	41.13	-	-	3634.55
				5/24/2017	40.21	-	-	3635.47
				9/18/2017	40.39	-	-	3635.29
				12/13/2017	40.50	-	-	3635.18
				3/29/2018	40.75	-	-	3634.93
				6/19/2018	40.88	-	-	3634.80
				9/18/2018	NL	-	-	-
				3/19/2019	40.91	-	-	3634.77
				6/27/2019	41.07	-	-	3634.61
				9/20/2019	41.15	-	-	3634.53
				12/11/2019	41.28	-	-	3634.40
				3/23/2020	41.34	-	-	3634.34
				6/24/2020	41.76	-	-	3633.92
				9/11/2020	42.27	-	-	3633.41
				12/3/2020	42.59	-	-	3633.09
				3/23/2021	42.53	-	-	3633.15
				6/22/2021	43.25	-	-	3632.43
				9/21/2021	42.96	-	-	3632.72
				12/15/2021	43.30	-	-	3632.38
				3/22/2022	45.30	-	-	3630.38
				6/21/2022	43.77	-	-	3631.91
				9/26/2022	44.19	-	-	3631.49
				12/27/2022	43.98	-	-	3631.70
				3/23/2023	44.18	-	-	3631.50
				6/20/2023	44.70	-	-	3630.98
				9/25/2023	44.84	-	-	3630.84
12/26/2023	44.40	-	-	3631.28				
3/18/2024	44.06	-	-	3631.62				
6/17/2024	44.92	-	-	3630.76				
9/18/2024	DR	-	-	-				
12/16/2024	DR	-	-	-				
3/26/2025	DR	-	-	-				
6/12/2025	DR	-	-	-				
9/8/2025	DR	-	-	-				
12/10/2025	44.33	-	-	3631.35				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-19 2"	3674.96	31	46	3/9/2016	40.30	39.70	0.60	3635.16
				6/8/2016	40.78	39.60	1.18	3635.17
				9/21/2016	40.15	40.08	0.07	3634.87
				12/7/2016	40.52	40.48	0.04	3634.47
				3/22/2017	40.70	40.00	0.70	3634.84
				5/24/2017	40.45	40.20	0.25	3634.72
				9/18/2017	40.40	-	-	3634.56
				12/13/2017	40.52	-	-	3634.44
				3/29/2018	40.78	-	-	3634.18
				6/19/2018	40.73	-	-	3634.23
				9/18/2018	40.88	-	-	3634.08
				1/16/2019	41.77	-	-	3633.19
				3/19/2019	40.88	-	-	3634.08
				6/27/2019	41.15	41.03	0.12	3633.91
				9/20/2019	41.21	41.11	0.10	3633.83
				12/11/2019	41.39	41.20	0.19	3633.73
				3/23/2020	41.32	41.25	0.07	3633.70
				6/24/2020	41.96	41.60	0.36	3633.30
				9/10/2020	42.40	42.03	0.37	3632.87
				12/3/2020	42.93	42.30	0.63	3632.56
				12/6/2020	42.80	42.30	0.50	3632.58
				3/24/2021	42.44	42.40	0.04	3632.55
				6/28/2021	43.05	43.04	0.01	3631.92
				9/21/2021	42.96	-	-	3632.00
				12/15/2021	43.25	-	-	3631.71
				3/22/2022	43.18	-	-	3631.78
				6/21/2022	43.59	-	-	3631.37
				9/26/2022	44.00	-	-	3630.96
				12/27/2022	43.87	-	-	3631.09
				3/23/2023	44.00	-	-	3630.96
6/20/2023	44.40	-	-	3630.56				
9/25/2023	44.66	-	-	3630.30				
12/26/2023	44.20	-	-	3630.76				
3/18/2024	44.00	-	-	3630.96				
6/17/2024	44.67	-	-	3630.29				
9/18/2024	44.95	-	-	3630.01				
12/16/2024	44.50	-	-	3630.46				
3/26/2025	44.58	-	-	3630.38				
6/12/2025	44.27	-	-	3630.69				
9/8/2025	44.23	-	-	3630.73				
12/10/2025	44.33	-	-	3630.63				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-20 2"	3674.38	31	46	3/9/2016	40.82	39.72	1.10	3634.48
				6/8/2016	43.39	39.18	4.21	3634.51
				9/21/2016	44.17	39.52	4.65	3634.09
				12/7/2016	44.08	39.99	4.09	3633.72
				3/22/2017	44.10	39.50	4.60	3634.12
				5/24/2017	43.96	39.75	4.21	3633.94
				9/18/2017	43.82	40.00	3.82	3633.75
				12/13/2017	46.00	40.15	5.85	3633.26
				3/29/2018	46.00	39.35	6.65	3633.93
				6/19/2018	41.82	40.28	1.54	3633.85
				9/18/2018	40.43	40.42	0.01	3633.96
				1/16/2019	41.60	40.35	1.25	3633.82
				3/19/2019	41.72	40.38	1.34	3633.78
				6/26/2019	42.10	40.47	1.63	3633.64
				9/20/2019	41.53	40.54	0.99	3633.68
				12/11/2019	41.50	40.88	0.62	3633.40
				3/23/2020	42.17	40.73	1.44	3633.41
				6/24/2020	42.02	41.04	0.98	3633.18
				9/10/2020	42.10	41.45	0.65	3632.82
				12/3/2020	45.05	44.72	0.33	3629.61
				3/23/2021	DR	-	-	-
				6/28/2021	44.05	44.04	0.01	3630.34
				9/21/2021	DR	-	-	-
				12/15/2021	DR	-	-	-
				3/22/2022	DR	-	-	-
				6/21/2022	DR	-	-	-
				9/26/2022	44.02	44.01	0.01	3630.37
				12/27/2022	43.77	43.76	0.01	3630.62
				3/23/2023	OB	-	-	-
				6/20/2023	OB	-	-	-
9/25/2023	43.87	43.85	0.02	3630.53				
12/26/2023	43.92	-	-	3630.46				
3/18/2024	DR	-	-	-				
6/17/2024	DR	-	-	-				
9/18/2024	DR	-	-	-				
12/16/2024	DR	-	-	-				
3/26/2025	DR	-	-	-				
6/12/2025	DR	-	-	-				
9/8/2025	DR	-	-	-				
12/10/2025	43.69	-	-	3630.69				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-21 2"	3674.38	23	53	3/9/2016	40.21	-	-	3634.17
				6/8/2016	40.15	-	-	3634.23
				9/21/2016	40.40	-	-	3633.98
				12/7/2016	40.75	-	-	3633.63
				3/22/2017	40.54	-	-	3633.84
				5/24/2017	40.64	-	-	3633.74
				9/18/2017	40.79	-	-	3633.59
				12/13/2017	40.98	-	-	3633.40
				3/29/2018	41.21	-	-	3633.17
				6/19/2018	41.20	-	-	3633.18
				9/18/2018	43.34	-	-	3631.04
				1/16/2019	41.30	-	-	3633.08
				3/19/2019	41.40	-	-	3632.98
				6/27/2019	41.53	-	-	3632.85
				9/20/2019	41.83	-	-	3632.55
				12/11/2019	41.76	-	-	3632.62
				3/23/2020	41.82	-	-	3632.56
				6/24/2020	42.09	-	-	3632.29
				9/11/2020	42.44	-	-	3631.94
				12/3/2020	42.65	-	-	3631.73
				3/23/2021	42.78	-	-	3631.60
				6/22/2021	43.24	-	-	3631.14
				9/21/2021	43.26	-	-	3631.12
				12/15/2021	43.47	-	-	3630.91
				3/22/2022	43.54	-	-	3630.84
				6/21/2022	43.87	-	-	3630.51
				9/26/2022	44.23	-	-	3630.15
				12/27/2022	44.22	-	-	3630.16
3/23/2023	44.32	-	-	3630.06				
6/20/2023	44.60	-	-	3629.78				
9/25/2023	44.88	-	-	3629.50				
12/26/2023	44.58	-	-	3629.80				
3/18/2024	44.40	-	-	3629.98				
6/17/2024	44.89	-	-	3629.49				
9/18/2024	45.20	-	-	3629.18				
12/16/2024	44.84	-	-	3629.54				
3/26/2025	44.98	-	-	3629.40				
6/12/2025	44.74	-	-	3629.64				
9/8/2025	44.67	-	-	3629.71				
12/10/2025	44.83	-	-	3629.55				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-22 2"	3674.07	20	50	3/9/2016	40.10	-	-	3633.97
				6/8/2016	39.95	-	-	3634.12
				9/21/2016	40.20	-	-	3633.87
				12/7/2016	40.55	-	-	3633.52
				3/22/2017	40.37	-	-	3633.70
				5/24/2017	40.43	-	-	3633.64
				9/18/2017	40.63	-	-	3633.44
				12/13/2017	40.79	-	-	3633.28
				3/29/2018	40.99	-	-	3633.08
				6/19/2018	41.02	-	-	3633.05
				9/18/2018	41.15	-	-	3632.92
				1/16/2019	41.10	-	-	3632.97
				3/19/2019	41.18	-	-	3632.89
				6/27/2019	41.32	-	-	3632.75
				9/20/2019	41.41	-	-	3632.66
				12/11/2019	41.52	-	-	3632.55
				3/23/2020	41.60	-	-	3632.47
				6/24/2020	41.83	-	-	3632.24
				9/11/2020	42.40	-	-	3631.67
				12/3/2020	42.39	-	-	3631.68
				3/23/2021	42.53	-	-	3631.54
				6/22/2021	42.97	-	-	3631.10
				9/21/2021	43.03	-	-	3631.04
				12/15/2021	43.20	-	-	3630.87
				3/22/2022	43.31	-	-	3630.76
				6/21/2022	43.60	-	-	3630.47
				9/26/2022	43.96	-	-	3630.11
				12/27/2022	43.97	-	-	3630.10
				3/23/2023	44.07	-	-	3630.00
				6/20/2023	45.32	-	-	3628.75
9/25/2023	44.63	-	-	3629.44				
12/26/2023	44.35	-	-	3629.72				
3/18/2024	44.16	-	-	3629.91				
6/17/2024	44.64	-	-	3629.43				
9/18/2024	44.92	-	-	3629.15				
12/16/2024	44.56	-	-	3629.51				
3/26/2025	44.67	-	-	3629.40				
6/12/2025	44.44	-	-	3629.63				
9/8/2025	44.41	-	-	3629.66				
12/10/2025	44.54	-	-	3629.53				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-23 2"	3672.39	29	49	3/9/2016	39.80	-	-	3632.59
				6/8/2016	39.77	-	-	3632.62
				9/21/2016	40.02	-	-	3632.37
				12/7/2016	40.18	-	-	3632.21
				3/22/2017	41.28	-	-	3631.11
				5/24/2017	40.22	-	-	3632.17
				9/18/2017	40.40	-	-	3631.99
				12/13/2017	40.60	-	-	3631.79
				3/29/2018	40.68	-	-	3631.71
				6/19/2018	42.88	-	-	3629.51
				9/18/2018	40.90	-	-	3631.49
				1/16/2019	41.03	-	-	3631.36
				3/19/2019	41.11	-	-	3631.28
				6/26/2019	41.12	-	-	3631.27
				9/20/2019	41.30	-	-	3631.09
				12/10/2019	41.45	-	-	3630.94
				3/23/2020	41.61	-	-	3630.78
				6/24/2020	41.70	-	-	3630.69
				9/11/2020	42.30	-	-	3630.09
				12/3/2020	42.09	-	-	3630.30
				3/23/2021	42.38	-	-	3630.01
				6/21/2021	42.67	-	-	3629.72
				9/21/2021	42.83	-	-	3629.56
				12/15/2021	42.90	-	-	3629.49
				3/22/2022	43.04	-	-	3629.35
				6/21/2022	43.20	-	-	3629.19
				9/26/2022	43.59	-	-	3628.80
				12/27/2022	43.68	-	-	3628.71
3/23/2023	43.75	-	-	3628.64				
6/20/2023	43.95	-	-	3628.44				
9/25/2023	44.24	-	-	3628.15				
12/26/2023	44.10	-	-	3628.29				
3/18/2024	43.96	-	-	3628.43				
6/17/2024	44.27	-	-	3628.12				
9/18/2024	44.42	-	-	3627.97				
12/16/2024	44.27	-	-	3628.12				
3/26/2025	44.40	-	-	3627.99				
6/12/2025	44.35	-	-	3628.04				
9/8/2025	44.27	-	-	3628.12				
12/10/2025	44.35	-	-	3628.04				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-24 2"	3672.79	30	50	3/9/2016	39.66	-	-	3633.13
				6/8/2016	39.64	-	-	3633.15
				9/21/2016	39.89	-	-	3632.90
				12/7/2016	40.06	-	-	3632.73
				3/22/2017	40.02	-	-	3632.77
				5/24/2017	40.07	-	-	3632.72
				9/18/2017	40.28	-	-	3632.51
				12/13/2017	40.41	-	-	3632.38
				3/29/2018	40.57	-	-	3632.22
				6/19/2018	40.65	-	-	3632.14
				9/18/2018	40.75	-	-	3632.04
				1/16/2019	40.82	-	-	3631.97
				3/19/2019	40.86	-	-	3631.93
				6/27/2019	41.00	-	-	3631.79
				9/20/2019	41.09	-	-	3631.70
				12/10/2019	41.22	-	-	3631.57
				3/23/2020	41.30	-	-	3631.49
				6/24/2020	41.47	-	-	3631.32
				9/11/2020	41.75	-	-	3631.04
				12/3/2020	41.79	-	-	3631.00
				3/23/2021	42.12	-	-	3630.67
				6/22/2021	42.38	-	-	3630.41
				9/21/2021	42.62	-	-	3630.17
				12/15/2021	42.64	-	-	3630.15
				3/22/2022	42.80	-	-	3629.99
				6/21/2022	42.98	-	-	3629.81
				9/26/2022	43.40	-	-	3629.39
				12/27/2022	43.50	-	-	3629.29
3/23/2023	43.54	-	-	3629.25				
6/20/2023	43.75	-	-	3629.04				
9/25/2023	44.04	-	-	3628.75				
12/26/2023	43.91	-	-	3628.88				
3/18/2024	43.76	-	-	3629.03				
6/17/2024	44.05	-	-	3628.74				
9/18/2024	44.23	-	-	3628.56				
12/16/2024	43.97	-	-	3628.82				
3/26/2025	44.09	-	-	3628.70				
6/12/2025	43.95	-	-	3628.84				
9/8/2025	43.97	-	-	3628.82				
12/10/2025	44.08	-	-	3628.71				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-25 4"	3676.83	37	57	3/9/2016	42.55	42.06	0.49	3634.69
				6/8/2016	NL	-	-	-
				9/21/2016	42.91	42.33	0.58	3634.40
				12/7/2016	42.80	-	-	3634.03
				3/22/2017	42.38	-	-	3634.45
				5/24/2017	42.60	-	-	3634.23
				9/18/2017	42.82	-	-	3634.01
				12/13/2017	42.89	-	-	3633.94
				3/29/2018	43.17	-	-	3633.66
				6/19/2018	43.12	-	-	3633.71
				9/18/2018	43.26	-	-	3633.57
				1/16/2019	43.17	-	-	3633.66
				3/19/2019	43.31	-	-	3633.52
				6/26/2019	43.35	-	-	3633.48
				9/20/2019	43.53	43.52	0.01	3633.31
				12/11/2019	43.67	43.65	0.02	3633.18
				3/23/2020	43.73	-	-	3633.10
				6/24/2020	44.02	-	-	3632.81
				9/11/2020	44.45	-	-	3632.38
				12/3/2020	44.71	44.70	0.01	3632.13
				3/24/2021	44.79	-	-	3632.04
				6/22/2021	45.26	-	-	3631.57
				9/21/2021	45.26	-	-	3631.57
				12/15/2021	45.57	-	-	3631.26
				3/22/2022	45.61	-	-	3631.22
				6/21/2022	45.95	-	-	3630.88
				9/26/2022	46.33	-	-	3630.50
				12/27/2022	46.23	-	-	3630.60
				3/23/2023	46.35	-	-	3630.48
				6/20/2023	46.70	-	-	3630.13
9/25/2023	46.95	-	-	3629.88				
12/26/2023	46.55	-	-	3630.28				
3/18/2024	46.36	-	-	3630.47				
6/17/2024	48.98	-	-	3627.85				
9/18/2024	OB	-	-	-				
12/16/2024	OB	-	-	-				
3/26/2025	OB	-	-	-				
6/12/2025	OB	-	-	-				
9/8/2025	OB	-	-	-				
12/10/2025	OB	-	-	-				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-26 4"	3677.17	36.5	56.5	3/9/2016	43.46	41.88	1.58	3635.03
				6/8/2016	44.67	41.56	3.11	3635.10
				9/21/2016	43.50	42.16	1.34	3634.79
				12/7/2016	43.12	42.77	0.35	3634.34
				3/22/2017	43.50	42.15	1.35	3634.80
				5/24/2017	43.30	42.42	0.88	3634.60
				9/18/2017	43.00	42.72	0.28	3634.40
				12/13/2017	43.11	42.83	0.28	3634.29
				3/29/2018	43.23	43.13	0.10	3634.02
				6/19/2018	43.65	43.01	0.64	3634.05
				9/18/2018	43.60	43.21	0.39	3633.90
				1/16/2019	44.56	42.90	1.66	3634.00
				3/19/2019	44.22	43.07	1.15	3633.91
				6/26/2019	43.90	43.32	0.58	3633.75
				9/20/2019	45.28	43.14	2.14	3633.68
				12/11/2019	46.02	43.18	2.84	3633.52
				3/23/2020	45.30	43.37	1.93	3633.48
				6/24/2020	44.62	43.90	0.72	3633.15
				9/11/2020	44.85	44.40	0.45	3632.70
				12/3/2020	45.35	44.65	0.70	3632.40
				3/24/2021	45.28	44.27	1.01	3632.73
				6/22/2021	48.74	44.70	4.04	3631.80
				9/21/2021	48.85	44.61	4.24	3631.86
				12/15/2021	49.30	44.95	4.35	3631.50
				3/22/2022	49.00	44.91	4.09	3631.59
				6/21/2022	49.80	45.34	4.46	3631.09
				9/26/2022	46.79	46.32	0.47	3630.77
				12/27/2022	46.55	46.21	0.34	3630.90
				3/23/2023	47.08	46.29	0.79	3630.75
				6/20/2023	47.70	46.63	1.07	3630.36
9/25/2023	47.96	46.85	1.11	3630.14				
12/26/2023	47.90	46.34	1.56	3630.57				
3/18/2024	48.47	46.00	2.47	3630.76				
6/17/2024	47.27	47.01	0.26	3630.12				
9/18/2024	48.00	47.35	0.65	3629.71				
12/16/2024	47.14	46.95	0.19	3630.19				
3/26/2025	47.09	47.05	0.04	3630.11				
6/12/2025	47.82	46.72	1.10	3630.27				
9/8/2025	46.74	46.62	0.12	3630.53				
12/10/2025	46.85	-	-	3630.32				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-27 4"	3674.98	34.5	54.5	3/9/2016	41.91	39.41	2.50	3635.16
				6/8/2016	43.25	39.10	4.15	3635.20
				9/21/2016	42.95	39.53	3.42	3634.89
				12/7/2016	41.89	40.34	1.55	3634.38
				3/22/2017	43.10	39.40	3.70	3634.97
				5/24/2017	NL	-	-	-
				9/18/2017	42.50	40.07	2.43	3634.51
				12/13/2017	42.75	40.16	2.59	3634.39
				3/29/2018	42.71	40.52	2.19	3634.10
				6/19/2018	43.35	40.33	3.02	3634.15
				9/18/2018	42.30	40.49	1.81	3634.19
				1/16/2019	47.10	45.20	1.90	3629.47
				3/19/2019	43.26	40.46	2.80	3634.06
				6/27/2019	40.65	40.62	0.03	3634.36
				9/20/2019	44.11	40.57	3.54	3633.83
				12/11/2019	44.20	40.73	3.47	3633.68
				3/23/2020	44.85	40.65	4.20	3633.64
				6/24/2020	46.88	41.00	5.88	3633.01
				9/11/2020	47.00	41.37	5.63	3632.68
				12/3/2020	46.30	41.81	4.49	3632.43
				12/6/2020	46.87	41.70	5.17	3632.43
				3/24/2021	47.06	41.62	5.44	3632.46
				6/22/2021	44.45	42.73	1.72	3631.97
				9/21/2021	48.10	42.36	5.74	3631.67
				12/15/2021	47.41	42.51	4.90	3631.66
				3/22/2022	47.30	42.39	4.91	3631.78
				6/21/2022	45.10	43.41	1.69	3631.29
				9/26/2022	47.77	43.35	4.42	3630.90
				12/27/2022	46.71	43.35	3.36	3631.08
				3/23/2023	47.25	43.50	3.75	3630.86
6/20/2023	47.90	43.85	4.05	3630.46				
9/25/2023	48.03	44.07	3.96	3630.26				
12/26/2023	47.67	43.63	4.04	3630.68				
3/18/2024	47.26	43.67	3.59	3630.72				
6/17/2024	46.13	44.48	1.65	3630.23				
9/18/2024	46.90	44.85	2.05	3629.79				
12/16/2024	45.07	44.52	0.55	3630.37				
3/26/2025	47.00	44.29	2.71	3630.24				
6/12/2025	46.95	43.89	3.06	3630.59				
9/8/2025	46.99	43.77	3.22	3630.68				
12/10/2025	47.57	43.86	3.71	3630.51				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-28 2"	3678.86	40	60	3/9/2016	43.43	-	-	3635.43
				6/8/2016	43.45	-	-	3635.41
				9/21/2016	43.65	-	-	3635.21
				12/7/2016	43.85	-	-	3635.01
				3/22/2017	43.80	-	-	3635.06
				5/24/2017	43.88	-	-	3634.98
				9/18/2017	44.05	-	-	3634.81
				12/13/2017	44.16	-	-	3634.70
				3/29/2018	44.34	-	-	3634.52
				6/19/2018	44.47	-	-	3634.39
				9/18/2018	44.56	-	-	3634.30
				1/14/2019	44.60	-	-	3634.26
				3/19/2019	44.65	-	-	3634.21
				6/26/2019	44.80	-	-	3634.06
				9/20/2019	44.91	-	-	3633.95
				12/10/2019	45.00	-	-	3633.86
				3/23/2020	45.08	-	-	3633.78
				6/24/2020	45.52	-	-	3633.34
				9/8/2020	46.00	-	-	3632.86
				12/3/2020	46.46	-	-	3632.40
				3/23/2021	46.33	-	-	3632.53
				6/21/2021	47.02	-	-	3631.84
				9/21/2021	46.78	-	-	3632.08
				12/15/2021	47.33	-	-	3631.53
				3/22/2022	47.18	-	-	3631.68
				6/21/2022	47.78	-	-	3631.08
				9/26/2022	48.12	-	-	3630.74
				12/27/2022	47.86	-	-	3631.00
3/23/2023	48.03	-	-	3630.83				
6/20/2023	48.57	-	-	3630.29				
9/25/2023	48.73	-	-	3630.13				
12/26/2023	48.14	-	-	3630.72				
3/18/2024	47.88	-	-	3630.98				
6/17/2024	48.74	-	-	3630.12				
9/18/2024	49.19	-	-	3629.67				
12/16/2024	48.84	-	-	3630.02				
3/26/2025	48.71	-	-	3630.15				
6/12/2025	48.36	-	-	3630.50				
9/8/2025	48.20	-	-	3630.66				
12/10/2025	48.23	-	-	3630.63				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-29 4"	3674.37	40	60	3/9/2016	39.49	-	-	3634.88
				6/8/2016	41.24	39.18	2.06	3634.85
				9/21/2016	42.91	39.22	3.69	3634.54
				12/7/2016	43.30	39.72	3.58	3634.06
				3/22/2017	42.80	39.30	3.50	3634.49
				5/24/2017	42.15	39.70	2.45	3634.27
				9/18/2017	42.40	39.87	2.53	3634.08
				12/13/2017	40.60	40.35	0.25	3633.98
				3/29/2018	40.64	-	-	3633.73
				6/19/2018	41.15	40.56	0.59	3633.71
				9/18/2018	41.70	40.60	1.10	3633.59
				1/16/2019	40.90	40.67	0.23	3633.66
				3/19/2019	41.17	40.62	0.55	3633.66
				6/27/2019	43.40	40.63	2.77	3633.28
				9/20/2019	41.42	40.83	0.59	3633.44
				12/11/2019	OB	-	-	-
				3/23/2020	41.62	41.02	0.60	3633.25
				6/24/2020	41.94	41.34	0.60	3632.93
				9/11/2020	42.35	41.85	0.50	3632.44
				12/3/2020	42.70	42.05	0.65	3632.21
				12/6/2020	42.44	42.03	0.41	3632.27
				3/24/2021	42.36	42.14	0.22	3632.19
				6/22/2021	42.94	42.62	0.32	3631.70
				9/21/2021	42.99	42.66	0.33	3631.66
				12/15/2021	43.47	42.90	0.57	3631.38
				3/22/2022	43.20	42.89	0.31	3631.43
				6/21/2022	43.75	43.28	0.47	3631.01
				9/26/2022	44.06	43.68	0.38	3630.63
				12/27/2022	43.70	43.60	0.10	3630.75
				3/23/2023	43.79	43.78	0.01	3630.59
6/20/2023	44.50	44.20	0.30	3630.12				
9/25/2023	44.45	44.35	0.10	3630.00				
12/26/2023	44.00	43.95	0.05	3630.41				
3/18/2024	43.95	43.75	0.20	3630.59				
6/17/2024	44.85	44.37	0.48	3629.92				
9/18/2024	44.95	44.68	0.27	3629.65				
12/16/2024	44.32	44.27	0.05	3630.09				
3/26/2025	44.40	44.38	0.02	3629.99				
6/12/2025	44.10	44.06	0.04	3630.30				
9/8/2025	44.09	44.01	0.08	3630.35				
12/10/2025	44.34	44.13	0.21	3630.21				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-30 4"	3675.39	40	60	3/9/2016	39.96	39.95	0.01	3635.44
				6/8/2016	42.30	39.46	2.84	3635.46
				9/21/2016	40.94	40.10	0.84	3635.15
				12/7/2016	41.93	40.58	1.35	3634.59
				3/22/2017	41.15	40.00	1.15	3635.20
				5/24/2017	40.95	40.30	0.65	3634.98
				9/18/2017	41.73	40.33	1.40	3634.83
				12/13/2017	41.23	40.59	0.64	3634.69
				3/29/2018	40.10	39.96	0.14	3635.41
				6/19/2018	41.30	40.90	0.40	3634.42
				9/18/2018	41.04	41.03	0.01	3634.36
				1/16/2019	41.00	40.80	0.20	3634.56
				3/19/2019	42.46	40.76	1.70	3634.35
				6/27/2019	41.33	41.20	0.13	3634.17
				9/20/2019	41.82	41.21	0.61	3634.08
				12/11/2019	41.60	41.40	0.20	3633.96
				3/23/2020	41.64	41.43	0.21	3633.93
				6/24/2020	41.88	41.86	0.02	3633.53
				9/11/2020	42.40	42.33	0.07	3633.05
				12/3/2020	44.03	43.91	0.12	3631.46
				12/6/2020	42.64	42.62	0.02	3632.77
				3/24/2021	42.82	42.58	0.24	3632.77
				6/22/2021	43.25	43.20	0.05	3632.18
				9/21/2021	43.20	43.08	0.12	3632.29
				12/15/2021	43.58	43.48	0.10	3631.89
				3/22/2022	43.40	43.39	0.01	3632.00
				6/21/2022	43.85	43.84	0.01	3631.55
				9/26/2022	44.21	44.20	0.01	3631.19
				12/27/2022	44.06	44.05	0.01	3631.34
				3/23/2023	44.25	44.24	0.01	3631.15
6/20/2023	44.70	-	-	3630.69				
9/25/2023	44.86	-	-	3630.53				
12/26/2023	44.39	44.38	0.01	3631.01				
3/18/2024	44.16	44.15	0.01	3631.24				
6/17/2024	44.92	44.91	0.01	3630.48				
9/18/2024	45.26	45.25	0.01	3630.14				
12/16/2024	44.71	44.70	0.01	3630.69				
3/26/2025	44.82	44.81	0.01	3630.58				
6/12/2025	44.45	44.44	0.01	3630.95				
9/8/2025	44.40	44.39	0.01	3631.00				
12/10/2025	44.49	-	-	3630.90				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-31 2"	3674.36	40	60	3/9/2016	39.60	-	-	3634.76
				6/8/2016	40.55	-	-	3633.81
				9/21/2016	39.80	-	-	3634.56
				12/7/2016	40.20	-	-	3634.16
				3/22/2017	39.98	-	-	3634.38
				5/24/2017	40.04	-	-	3634.32
				9/18/2017	40.25	-	-	3634.11
				12/13/2017	40.31	-	-	3634.05
				3/29/2018	40.60	-	-	3633.76
				6/19/2018	40.57	-	-	3633.79
				9/18/2018	40.74	-	-	3633.62
				1/16/2019	40.70	-	-	3633.66
				3/19/2019	40.73	-	-	3633.63
				6/27/2019	40.87	-	-	3633.49
				9/20/2019	40.96	-	-	3633.40
				12/11/2019	41.09	-	-	3633.27
				3/23/2020	41.15	-	-	3633.21
				6/24/2020	41.43	-	-	3632.93
				9/10/2020	41.86	-	-	3632.50
				12/3/2020	42.11	-	-	3632.25
				3/23/2021	42.18	-	-	3632.18
				6/22/2021	42.70	-	-	3631.66
				9/21/2021	42.65	-	-	3631.71
				12/15/2021	43.00	-	-	3631.36
				3/22/2022	42.95	-	-	3631.41
				6/21/2022	43.31	-	-	3631.05
				9/26/2022	43.69	-	-	3630.67
				12/27/2022	43.63	-	-	3630.73
				3/23/2023	43.75	-	-	3630.61
				6/20/2023	44.10	-	-	3630.26
9/25/2023	44.36	-	-	3630.00				
12/26/2023	43.97	-	-	3630.39				
3/18/2024	43.78	-	-	3630.58				
6/17/2024	44.38	-	-	3629.98				
9/18/2024	44.68	-	-	3629.68				
12/16/2024	44.21	-	-	3630.15				
3/26/2025	44.34	-	-	3630.02				
6/12/2025	44.03	-	-	3630.33				
9/8/2025	44.01	-	-	3630.35				
12/10/2025	44.11	-	-	3630.25				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-32 2"	3672.48	40	60	3/9/2016	39.62	-	-	3632.86
				6/8/2016	39.63	-	-	3632.85
				9/21/2016	39.85	-	-	3632.63
				12/7/2016	40.04	-	-	3632.44
				3/22/2017	40.00	-	-	3632.48
				5/24/2017	40.06	-	-	3632.42
				9/18/2017	40.26	-	-	3632.22
				12/13/2017	40.38	-	-	3632.10
				3/29/2018	40.55	-	-	3631.93
				6/19/2018	40.59	-	-	3631.89
				9/18/2018	41.73	-	-	3630.75
				1/16/2019	40.91	-	-	3631.57
				3/19/2019	40.88	-	-	3631.60
				6/27/2019	41.00	-	-	3631.48
				9/20/2019	41.09	-	-	3631.39
				12/10/2019	41.23	-	-	3631.25
				3/23/2020	41.30	-	-	3631.18
				6/24/2020	41.48	-	-	3631.00
				9/11/2020	41.75	-	-	3630.73
				12/3/2020	41.68	-	-	3630.80
				3/23/2021	42.12	-	-	3630.36
				6/22/2021	42.25	-	-	3630.23
				9/21/2021	42.59	-	-	3629.89
				12/15/2021	42.51	-	-	3629.97
				3/22/2022	42.74	-	-	3629.74
				6/21/2022	42.87	-	-	3629.61
				9/26/2022	43.35	-	-	3629.13
				12/27/2022	43.42	-	-	3629.06
				3/23/2023	43.50	-	-	3628.98
				6/20/2023	43.69	-	-	3628.79
9/25/2023	44.00	-	-	3628.48				
12/26/2023	43.87	-	-	3628.61				
3/18/2024	47.73	-	-	3624.75				
6/17/2024	44.02	-	-	3628.46				
9/18/2024	44.21	-	-	3628.27				
12/16/2024	43.94	-	-	3628.54				
3/26/2025	44.03	-	-	3628.45				
6/12/2025	43.95	-	-	3628.53				
9/8/2025	43.94	-	-	3628.54				
12/10/2025	44.01	-	-	3628.47				

**Table 1 - Groundwater Gauging Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-33 2"	3679.19	40	60	3/9/2016	44.07	-	-	3635.12
				6/8/2016	44.08	-	-	3635.11
				9/21/2016	44.28	-	-	3634.91
				12/7/2016	44.53	-	-	3634.66
				3/22/2017	44.44	-	-	3634.75
				5/24/2017	44.52	-	-	3634.67
				9/18/2017	43.70	-	-	3635.49
				12/13/2017	44.83	-	-	3634.36
				3/29/2018	45.03	-	-	3634.16
				6/19/2018	45.11	-	-	3634.08
				9/18/2018	45.22	-	-	3633.97
				1/14/2019	45.25	-	-	3633.94
				3/19/2019	45.34	-	-	3633.85
				6/26/2019	45.48	-	-	3633.71
				9/20/2019	45.57	-	-	3633.62
				12/10/2019	45.68	-	-	3633.51
				3/23/2020	45.77	-	-	3633.42
				6/24/2020	46.09	-	-	3633.10
				9/8/2020	46.48	-	-	3632.71
				12/3/2020	46.85	-	-	3632.34
				3/23/2021	46.84	-	-	3632.35
				6/21/2021	47.38	-	-	3631.81
				9/21/2021	47.32	-	-	3631.87
				12/15/2021	47.70	-	-	3631.49
				3/22/2022	47.65	-	-	3631.54
				6/21/2022	48.11	-	-	3631.08
				9/26/2022	48.43	-	-	3630.76
				12/27/2022	48.31	-	-	3630.88
				3/23/2023	48.46	-	-	3630.73
				6/20/2023	48.83	-	-	3630.36
9/25/2023	49.06	-	-	3630.13				
12/26/2023	48.65	-	-	3630.54				
3/18/2024	48.45	-	-	3630.74				
6/17/2024	49.07	-	-	3630.12				
9/18/2024	49.43	-	-	3629.76				
12/16/2024	49.05	-	-	3630.14				
3/26/2025	49.13	-	-	3630.06				
6/12/2025	48.87	-	-	3630.32				
9/8/2025	48.76	-	-	3630.43				
12/10/2025	48.86	-	-	3630.33				

Specific Gravity: 0.835

Notes:

- DR = Well dry
- DS = Well destroyed
- NG = Well not gauged
- NL = Well not located
- NSA = No access
- OB = Obstruction in well

**Table 2 - Groundwater Analytical Data - Current
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-7	03/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	12/16/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	03/26/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/23/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
MW-8	12/11/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	3/26/2025	-	-	-	-	-	PSH
	6/12/2025	-	-	-	-	-	PSH
	9/8/2025	-	-	-	-	-	PSH
MW-13	12/11/2025	<0.00100	<0.00100	0.0025	<0.00100	<0.00100	-
	3/26/2025	-	-	-	-	-	NWP
	6/12/2025	-	-	-	-	-	NWP
	9/8/2025	-	-	-	-	-	NWP
MW-16	12/10/2025	-	-	-	-	-	NWP
	3/26/2025	-	-	-	-	-	PSH
	6/12/2025	-	-	-	-	-	PSH
	9/8/2025	-	-	-	-	-	PSH
MW-18	12/11/2025	0.0375	0.00635	0.0594	0.0268	0.130	-
	3/26/2025	-	-	-	-	-	DR
	6/12/2025	-	-	-	-	-	DR
	9/8/2025	-	-	-	-	-	DR
MW-19	12/10/2025	-	-	-	-	-	NWP
	3/26/2025	-	-	-	-	-	NWP
	6/12/2025	-	-	-	-	-	NWP
	9/8/2025	-	-	-	-	-	NWP
MW-21	12/11/2025	-	-	-	-	-	NWP
	03/19/2024	0.213	<0.0010	0.359	0.304	0.877	-
	06/17/2024	0.146	<0.00100	0.243	0.00846	0.398	-
	09/18/2024	0.00515	<0.00100	0.173	0.00467	0.183	-
	12/17/2024	<0.00100	<0.00100	0.00137	<0.00100	0.00137	-
	03/27/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/24/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
MW-22	12/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	03/20/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	12/16/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	03/26/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/23/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
MW-23	12/11/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	03/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	12/17/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	03/27/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/24/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
MW-24	09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	12/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	03/20/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	12/17/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	03/27/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-

**Table 2 - Groundwater Analytical Data - Current
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-25	03/19/2024	0.018	<0.00100	<0.00100	<0.00100	0.0180	-
	06/17/2024	0.321	<0.00100	0.0307	0.0132	0.365	-
	9/18/2024	-	-	-	-	-	OB
	12/16/2024	-	-	-	-	-	OB
	3/26/2025	-	-	-	-	-	OB
	6/12/2025	-	-	-	-	-	OB
	9/8/2025	-	-	-	-	-	OB
MW-26	12/10/2025	-	-	-	-	-	OB
	3/18/2024	-	-	-	-	-	PSH
	6/17/2024	-	-	-	-	-	PSH
	9/18/2024	-	-	-	-	-	PSH
	12/16/2024	-	-	-	-	-	PSH
	3/26/2025	-	-	-	-	-	PSH
	6/12/2025	-	-	-	-	-	PSH
MW-28	9/8/2025	-	-	-	-	-	PSH
	12/11/2025	1.44	0.00106	0.199	0.0445	1.69	-
	03/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	12/16/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	03/26/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
MW-30	06/23/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	12/11/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	3/18/2024	-	-	-	-	-	PSH
	6/17/2024	-	-	-	-	-	PSH
	9/18/2024	-	-	-	-	-	PSH
	12/16/2024	-	-	-	-	-	PSH
MW-31	3/26/2025	-	-	-	-	-	PSH
	6/12/2025	-	-	-	-	-	PSH
	9/8/2025	-	-	-	-	-	PSH
	12/11/2025	0.0308	<0.00100	0.0381	0.00567	0.0746	-
	03/20/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
MW-32	12/16/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	03/26/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/23/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	12/11/2025	0.00138	<0.00100	0.00127	<0.00100	<0.00100	-
	03/20/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
MW-33	09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	12/16/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	03/26/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	06/23/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	12/11/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
	03/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-

Notes:

Lab Flags noted next to values. See lab report for description.

PSH = Phase Separated Hydrocarbons

DR = Well Dry

OB = Obstruction in Well

NWP = Not Enough Water Present

Analyte concentration exceeds the standard for:

NMWQCC - Groundwater - NMAC 20.6.2

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-7	03/09/2016	0.000400 J	<0.000238	<0.000238	<0.000243	-	-
	06/08/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	09/21/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	12/07/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-
	03/22/2017	0.00728	<0.000367	<0.000657	<0.000630	0.00728	-
	05/24/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-
	09/19/2017	0.000910 J	<0.00100	<0.000657	<0.000630	0.000910 J	-
	12/19/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/29/2018	0.00379	0.000780 J	<0.000657	<0.000630	0.00457	-
	06/19/2018	0.00337	<0.000367	0.00138 J	<0.000630	0.00475	-
	09/19/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/19/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-
	06/26/2019	0.000560	0.000420	<0.000657	<0.00063	0.000980	-
	09/23/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-
	12/11/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/25/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-
	06/24/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	09/10/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	12/03/2020	0.00135 J	0.00111 J	0.000760 J	0.0008700 J	0.004090	-
	03/25/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-
	06/22/2021	0.000553 J B	<0.00200	0.000699 J	<0.00400	0.00125 J B	-
	09/21/2021	<0.00200 U F2 F1	<0.00200 U	<0.00200 U	<0.00400 U	<0.00200 U	-
	12/16/2021	0.00147 J B	<0.00200	<0.00200	<0.00400	0.00147 J	-
	03/23/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/21/2022	<0.000408 *1	<0.000367 *1	<0.000657	<0.000642	<0.000657	-
	09/27/2022	0.00195 J B	<0.000367	<0.000657	<0.000642	0.00195 J	-
	12/28/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	03/24/2023	<0.000408	0.000498 J	<0.000657	<0.000642	<0.000657	-
	06/21/2023	<0.00500	<0.00500	<0.00500	<0.0250	-	-
	09/26/2023	<0.00100	<0.00100	<0.00100	<0.00100	0.000510	-
	12/27/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-
03/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/16/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/26/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/23/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/11/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-8	12/20/2017	0.130	0.0133	0.0904	0.203	0.437	-
	3/29/2018	-	-	-	-	-	PSH
	6/19/2018	-	-	-	-	-	PSH
	9/18/2018	-	-	-	-	-	PSH
	1/16/2019	-	-	-	-	-	PSH
	3/19/2019	-	-	-	-	-	PSH
	6/26/2019	-	-	-	-	-	PSH
	9/20/2019	-	-	-	-	-	PSH
	12/11/2019	-	-	-	-	-	PSH
	3/23/2020	-	-	-	-	-	PSH
	6/24/2020	-	-	-	-	-	PSH
	9/10/2020	-	-	-	-	-	PSH
	12/3/2020	-	-	-	-	-	PSH
	3/24/2021	-	-	-	-	-	PSH
	6/22/2021	-	-	-	-	-	PSH
	9/21/2021	-	-	-	-	-	PSH
	12/15/2021	-	-	-	-	-	PSH
	3/22/2022	-	-	-	-	-	PSH
	6/21/2022	-	-	-	-	-	PSH
	9/26/2022	-	-	-	-	-	PSH
	12/27/2022	-	-	-	-	-	PSH
	3/23/2023	-	-	-	-	-	PSH
	6/20/2023	-	-	-	-	-	PSH
	9/25/2023	-	-	-	-	-	PSH
	12/26/2023	-	-	-	-	-	PSH
	3/18/2024	-	-	-	-	-	PSH
6/17/2024	-	-	-	-	-	PSH	
9/18/2024	-	-	-	-	-	PSH	
12/16/2024	-	-	-	-	-	PSH	
3/26/2025	-	-	-	-	-	PSH	
6/12/2025	-	-	-	-	-	PSH	
9/8/2025	-	-	-	-	-	PSH	
12/11/2025		<0.00100	<0.00100	0.0025	<0.00100	<0.00100	-

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-13	03/09/2016	<0.000223	<0.000238	<0.000238	<0.000243	-	-
	06/08/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	09/21/2016	0.000504 J	<0.000621	<0.000763	<0.000256	-	-
	12/07/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-
	03/22/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	05/24/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-
	09/19/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-
	12/19/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/29/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	06/19/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	09/19/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	12/19/2018	0.000900 J	0.00130	0.00210	0.00300	0.00730	-
	03/19/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-
	06/26/2019	0.00176	<0.000367	<0.000657	<0.00063	0.00176	-
	09/23/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-
	12/11/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/25/2020	0.0148	<0.000512	0.00830	0.00460	0.0277	-
	09/10/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	12/03/2020	0.000730 J	0.00107 J	0.000740 J	0.001530 J	0.004070	-
	03/26/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-
	06/22/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-
	09/21/2021	0.00723	<0.00200	0.00609	0.00130 J	0.0146	-
	06/23/2022	0.00405 B	<0.000367	<0.000657 *1	<0.000642 *1	0.00405	-
	9/26/2022	-	-	-	-	-	NWP
	12/27/2022	-	-	-	-	-	NWP
	3/23/2023	-	-	-	-	-	NWP
	6/20/2023	-	-	-	-	-	NWP
9/25/2023	-	-	-	-	-	NWP	
12/26/2023	-	-	-	-	-	NWP	
3/18/2024	-	-	-	-	-	NWP	
6/17/2024	-	-	-	-	-	NWP	
9/18/2024	-	-	-	-	-	NWP	
12/16/2024	-	-	-	-	-	NWP	
3/26/2025	-	-	-	-	-	NWP	
6/12/2025	-	-	-	-	-	NWP	
9/8/2025	-	-	-	-	-	NWP	
12/10/2025	-	-	-	-	-	NWP	
MW-16	06/21/2023	<0.00500	<0.00500	0.0168	<0.0250	-	-
	9/25/2023	-	-	-	-	-	PSH
	12/26/2023	-	-	-	-	-	PSH
	3/18/2024	-	-	-	-	-	PSH
	6/17/2024	-	-	-	-	-	PSH
	9/18/2024	-	-	-	-	-	PSH
	12/16/2024	-	-	-	-	-	PSH
	3/26/2025	-	-	-	-	-	PSH
	6/12/2025	-	-	-	-	-	PSH
	9/8/2025	-	-	-	-	-	PSH
12/11/2025	0.0375	0.00635	0.0594	0.0268	0.130	-	

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-18	03/09/2016	0.000400 J	<0.000238	<0.000238	<0.000243	-	-
	06/08/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	09/21/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	12/07/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-
	03/22/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	05/24/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-
	09/19/2017	0.0335	<0.00100	0.00463	0.00209	0.0402	-
	12/19/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/29/2018	0.00435	0.000840 J	<0.000657	<0.000630	0.00519	-
	06/19/2018	0.00352	<0.000367	<0.000657	<0.000630	0.00352	-
	03/19/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-
	06/27/2019	0.00126	0.000490	<0.000657	0.000770	0.00252	-
	09/23/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-
	12/11/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/25/2020	0.00590	<0.000512	0.00470	0.00490	0.0155	-
	06/25/2020	0.00854	0.00193 J	0.0678	0.114	0.192	-
	09/11/2020	0.0112	<0.000367	0.00741	0.00137 J	0.0200	-
	12/03/2020	0.00124 J	0.000700 J	0.000870 J	0.0009200 J	0.003730	-
	03/26/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-
	06/22/2021	0.00266 B	<0.00200	0.000696 J	<0.00400	0.00336 J B	-
	09/21/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-
	06/21/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	03/24/2023	<0.000408	0.000393 J	<0.000657	<0.000642	<0.000657	-
	06/21/2023	<0.00500	<0.00500	<0.00500	<0.0250	-	-
	9/25/2023	-	-	-	-	-	NWP
	12/26/2023	-	-	-	-	-	NWP
	3/18/2024	-	-	-	-	-	NWP
	6/17/2024	-	-	-	-	-	NWP
9/18/2024	-	-	-	-	-	DR	
12/16/2024	-	-	-	-	-	DR	
3/26/2025	-	-	-	-	-	DR	
6/12/2025	-	-	-	-	-	DR	
9/8/2025	-	-	-	-	-	DR	
12/10/2025	-	-	-	-	-	NWP	
MW-19	09/19/2017	0.283	0.286	0.429 D	0.585	1.58	-
	12/19/2017	0.324	1.03 D	0.662 D	0.983	3.00	-
	03/29/2018	0.0389	0.186	0.176	0.385	0.786	-
	06/19/2018	0.0258	0.159	0.149	0.222	0.555	-
	09/19/2018	0.0897	0.256	0.756 D	1.16	2.26	-
	12/19/2018	0.0106	0.00570	0.177	0.261	0.454	-
	03/19/2019	0.00387	0.00208	0.29	0.281	0.577	-
	09/21/2021	0.00810	<0.00200	0.0634	0.00768	0.0792	-
	03/23/2022	0.0110	<0.000367	0.0880	0.00490	0.104	-
	06/22/2022	0.0266 *1	0.00962 *1	0.298	0.160	0.494	-
	9/26/2022	-	-	-	-	-	NWP
	12/27/2022	-	-	-	-	-	NWP
	3/23/2023	-	-	-	-	-	NWP
	6/20/2023	-	-	-	-	-	NWP
	9/25/2023	-	-	-	-	-	NWP
	12/26/2023	-	-	-	-	-	NWP
	3/18/2024	-	-	-	-	-	NWP
	6/17/2024	-	-	-	-	-	NWP
	9/18/2024	-	-	-	-	-	NWP
	12/16/2024	-	-	-	-	-	NWP
	3/26/2025	-	-	-	-	-	NWP
	6/12/2025	-	-	-	-	-	NWP
9/8/2025	-	-	-	-	-	NWP	
12/10/2025	-	-	-	-	-	NWP	

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-21	03/09/2016	1.75	<0.00476	0.294	0.0383	-	-
	06/08/2016	1.74	<0.0248	0.280	0.0467	-	-
	09/21/2016	3.38	<0.0329	0.364	0.158	-	-
	12/07/2016	5.32	<0.0250	0.485	0.344	-	-
	03/22/2017	0.371	<0.000367	0.0460	0.0124	0.429	-
	05/24/2017	11.6	<0.0500	1.31	<0.0321	12.9	-
	09/19/2017	8.34 D	<0.00100	1.28 D	0.234	9.85	-
	12/19/2017	1.96 D	<0.000367	0.0338	0.00700	2.00	-
	03/29/2018	0.358	0.000850 J	0.0653	0.0109	0.435	-
	06/19/2018	1.60 D	<0.000367	0.258	0.0508	1.91	-
	09/19/2018	1.18 D	0.000650 J	0.141	0.0170	1.34	-
	12/19/2018	0.374	<0.000512	0.0639	0.0140	0.452	-
	03/20/2019	1.22	<0.0005	0.185	0.0335	1.44	-
	06/27/2019	1.67	<0.00184	0.517	0.0190	2.21	-
	09/23/2019	7.46	<0.000367	0.117	0.0102	7.59	-
	12/11/2019	1.45	<0.000367	0.126	0.0430	1.62	-
	03/25/2020	0.0699	<0.000512	0.00670	0.00170	0.0783	-
	06/24/2020	2.38 D	<0.000367	0.399	0.0589	2.84	-
	09/11/2020	4.55	<0.00734	0.777	0.0926	5.42	-
	12/03/2020	11.9 D	0.00236	1.92 D	0.2209	14.04	-
	03/25/2021	12.9	0.0685	1.07	0.258	15.6	-
	06/22/2021	0.0383 B	0.000559 J	0.390	0.0631 B	0.492 B	-
	09/21/2021	5.17	<0.100 U	1.52	0.3839	7.07	-
	12/15/2021	4.06	<0.00200	1.39	0.115	5.57	-
	03/23/2022	1.91 J	0.574 J	<0.657	0.730 J	3.21 J	-
	06/22/2022	0.119 *1 F2	<0.000367 *1 F	0.121 F2	0.00544 F2	0.245	-
	09/28/2022	<0.000408	<0.000367	0.00102 J	<0.000642	0.00102 J	-
	12/29/2022	0.613	<0.000367	0.211	0.0274	0.851	-
	03/24/2023	0.00844	<0.000367	0.0182	<0.000642	0.0266	-
	06/21/2023	<0.00500	<0.00500	<0.00500	<0.0250	-	-
09/27/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/28/2023	<0.00100	<0.00100	<0.00100	<0.00100	0.000530	-	
03/19/2024	0.213	<0.0010	0.359	0.304	0.877	-	
06/17/2024	0.146	<0.00100	0.243	0.00846	0.398	-	
09/18/2024	0.00515	<0.00100	0.173	0.00467	0.183	-	
12/17/2024	<0.00100	<0.00100	0.00137	<0.00100	0.00137	-	
03/27/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/24/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-22	03/09/2016	2.05	<0.00476	0.304	<0.00486	-	-
	06/08/2016	1.88	<0.0248	0.247	<0.0102	-	-
	09/21/2016	3.20	<0.0329	0.452	0.109	-	-
	12/07/2016	1.28	<0.0200	0.152	<0.0128	-	-
	03/22/2017	0.373	<0.000367	0.0477	<0.000630	0.421	-
	05/24/2017	1.23	<0.00500	0.113	<0.00321	1.34	-
	09/19/2017	0.928 D	<0.00100	0.289	<0.000630	1.22	-
	12/19/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/29/2018	0.00392	0.000750 J	<0.000657	<0.000630	0.00467	-
	06/19/2018	0.00404	0.00121 J	0.000860 J	<0.000630	0.00611	-
	09/19/2018	0.000910 J	<0.000367	0.000760 J	0.00175 J	0.00342	-
	12/19/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-
	03/20/2019	0.00136	<0.0005	0.00323	<0.0005	0.00459	-
	06/27/2019	0.00447	<0.000367	0.0225	<0.00063	0.0270	-
	09/23/2019	0.0471	<0.000367	0.0507	<0.00063	0.0978	-
	12/11/2019	0.0154	0.000500	0.0264	<0.000630	0.0423	-
	03/25/2020	0.0592	<0.000512	0.0134	0.00450	0.0771	-
	06/24/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	09/11/2020	0.108	0.000820 J	0.0317	0.00410	0.145	-
	12/03/2020	0.0302	0.00125 J	0.0166	0.0007500 J	0.04880	-
	03/26/2021	0.0545	<0.00200	0.0305	<0.00400	0.0857	-
	06/22/2021	0.00114 J B	<0.00200	0.00172 J	<0.00400	0.00286 J B	-
	09/21/2021	<0.00200	<0.00200	0.00963	<0.00400	0.00963	-
	12/16/2021	0.000754 J B	<0.00200	<0.00200	<0.00400	0.000754 J	-
	03/23/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/22/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	09/28/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	12/29/2022	0.00291	<0.000367	<0.000657	<0.000642	0.00291 J	-
	03/24/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/21/2023	<0.00500	<0.00500	<0.00500	<0.0250	-	-
09/26/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/27/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/20/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/16/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/26/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/23/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/11/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-23	03/09/2016	0.000500 J	<0.000238	<0.000238	<0.000243	-	-
	06/08/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	09/21/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	12/07/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-
	03/22/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	05/24/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-
	09/19/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-
	12/19/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/29/2018	0.00647	0.000630 J	<0.000657	<0.000630	0.00710	-
	06/19/2018	0.00521	0.00104 J	0.00209	0.00143 J	0.00977	-
	09/19/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	12/19/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-
	03/20/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-
	06/26/2019	0.00130	0.00100	<0.000657	0.000760	0.00306	-
	09/23/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-
	12/11/2019	0.00435	<0.000367	0.00235	0.000810	0.00751	-
	03/25/2020	0.0109	<0.000512	0.00450	0.00180	0.0172	-
	06/24/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	09/11/2020	0.0161	<0.000367	0.0103	0.00130 J	0.0277	-
	12/03/2020	0.00131 J	0.000870 J	0.000840 J	0.0007800 J	0.003800	-
	03/25/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-
	06/22/2021	0.000928 J B	<0.00200	0.000660 J	<0.00400	0.00159 J B	-
	09/21/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-
	12/16/2021	0.000813 J B	<0.00200	<0.00200	<0.00400	0.000813 J	-
	03/23/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/22/2022	<0.000408 *1	<0.000367 *1	<0.000657	<0.000642	<0.000657	-
	09/29/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	12/28/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	03/27/2023	<0.000408	<0.000367	<0.000657 *1	<0.000642 *1	<0.000657	-
	06/21/2023	<0.00500	<0.00500	<0.00500	<0.0250	-	-
09/27/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/28/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/17/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/27/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/24/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-24	03/09/2016	0.000300 J	<0.000238	<0.000238	<0.000243	-	-
	06/08/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	09/21/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	12/07/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-
	03/22/2017	0.00480	<0.000367	<0.000657	<0.000630	0.00480	-
	05/24/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-
	09/19/2017	0.000930 J	<0.00100	<0.000657	<0.000630	0.000930 J	-
	12/19/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/29/2018	0.00399	0.000790 J	<0.000657	0.000650 J	0.00543	-
	06/19/2018	0.00130 J	<0.000367	0.00197 J	0.000850 J	0.00412	-
	09/19/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	12/19/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-
	03/20/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-
	06/27/2019	0.000510	<0.000367	<0.000657	<0.00063	0.000510	-
	09/23/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-
	12/11/2019	0.0178	<0.000367	0.00685	0.00217	0.0268	-
	03/25/2020	0.0164	<0.000512	0.00690	0.00220	0.0255	-
	06/24/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	09/11/2020	0.0122	<0.000367	0.00856	0.00176 J	0.0225	-
	12/03/2020	0.000860 J	0.000890 J	<0.002000	<0.002000	0.001750 J	-
	03/25/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-
	06/22/2021	0.0195 B	<0.00200	0.000929 J	<0.00400	0.0204 B	-
	09/21/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-
	12/16/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-
	03/23/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/22/2022	<0.000408 *1	<0.000367 *1	0.00241	0.001070 J	0.00348 J	-
	09/29/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	12/29/2022	0.00140 J	<0.000367	0.000889 J	<0.000642	0.00229 J	-
	03/28/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/21/2023	<0.00500	<0.00500	<0.00500	<0.0250	-	-
09/27/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/28/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/20/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/17/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/27/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/24/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-25	09/19/2017	7.91	0.204	0.852	1.00	9.97	-
	12/20/2017	4.95 D	0.0112	0.243	0.176	5.38	-
	03/29/2018	1.15 D	0.00367	0.0851	0.0889	1.33	-
	06/19/2018	1.48 D	0.000810 J	0.134	0.109	1.72	-
	09/19/2018	1.40 D	0.00158 J	0.00371	0.0681	1.47	-
	12/19/2018	3.64	<0.0051	0.330	0.320	4.29	-
	03/20/2019	2.45	0.000820	0.397	0.253	3.10	-
	06/26/2019	4.67	<0.0367	0.776	0.513	5.96	-
	03/25/2020	0.434	<0.00256	0.104	0.0830	0.621	-
	06/25/2020	0.137	0.00105 J	0.0324	0.0464	0.217	-
	09/11/2020	0.146	<0.000367	0.0165	0.00572	0.168	-
	03/25/2021	0.170	<0.00200	0.0403	0.0288	0.239	-
	06/22/2021	0.00431 B	0.000407 J	0.0478	0.0141 B	0.0666 B	-
	09/21/2021	0.833	0.000406 J	0.130	0.104	1.07	-
	12/15/2021	2.02	<0.00200	0.0732	0.0317	2.12	-
	03/23/2022	1.26	<0.000367	0.0676	0.0501	1.38	-
	06/23/2022	0.268 F2 F1 B	<0.000367	0.0117 F2 F1 *	0.0653 F2 F1 *	0.286	-
	09/27/2022	0.392 B	0.000603 J B	0.00666	0.00321 J B	0.402	-
	12/29/2022	0.00333	0.000607 J	0.00189 J	<0.000642	0.00583	-
	03/24/2023	0.0137 J	<0.00367	<0.00657	<0.00642	0.0137 J	-
	06/21/2023	0.0123	<0.00500	0.00657	<0.0250	-	-
	09/27/2023	0.00140	<0.00100	<0.00100	<0.00100	0.00204	-
	12/28/2023	0.00209	<0.00100	<0.00100	<0.00100	0.00293	-
	03/19/2024	0.018	<0.00100	<0.00100	<0.00100	0.0180	-
	06/17/2024	0.321	<0.00100	0.0307	0.0132	0.365	-
	9/18/2024	-	-	-	-	-	OB
12/16/2024	-	-	-	-	-	OB	
3/26/2025	-	-	-	-	-	OB	
6/12/2025	-	-	-	-	-	OB	
9/8/2025	-	-	-	-	-	OB	
12/10/2025	-	-	-	-	-	OB	
MW-26	3/26/2025	-	-	-	-	-	PSH
	6/12/2025	-	-	-	-	-	PSH
	9/8/2025	-	-	-	-	-	PSH
	12/11/2025	1.44	0.00106	0.199	0.0445	1.69	-

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-28	03/09/2016	0.000900 J	<0.000238	<0.000238	<0.000243	-	-
	06/08/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	09/21/2016	0.00130	<0.000621	<0.000763	<0.000256	-	-
	12/07/2016	0.00485	<0.00100	<0.000657	<0.000642	-	-
	03/22/2017	0.00392	<0.000367	<0.000657	<0.000630	0.00392	-
	05/24/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-
	09/19/2017	0.0171	<0.00100	0.00191 J	0.00130 J	0.0203	-
	12/19/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/29/2018	0.00558	0.00101 J	<0.000657	0.000800 J	0.00739	-
	06/19/2018	0.000960 J	<0.000367	<0.000657	<0.000630	0.000960 J	-
	09/19/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	12/19/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-
	03/20/2019	0.00496	<0.0005	0.000760	<0.0005	0.00572	-
	06/26/2019	0.000660	0.000520	<0.000657	<0.00063	0.00118	-
	09/23/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-
	12/11/2019	0.00226	<0.000367	0.00151	0.000680	0.00445	-
	03/25/2020	<0.000480	<0.000512	<0.000616	0.000500 J	0.000500 J	-
	06/24/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	09/10/2020	<0.000408	<0.000367	<0.000657	0.00112 J	0.00112 J	-
	12/03/2020	0.00103 J	0.00160 J	0.00100 J	0.001370 J	0.005000	-
	03/25/2021	0.000755 J	<0.00200	<0.00200	<0.00400	<0.00200	-
	06/22/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-
	09/21/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-
	12/16/2021	0.00323 B	<0.00200	0.00164 J	<0.00400	0.00487	-
	03/23/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/21/2022	<0.000408 *1	<0.000367 *1	<0.000657	<0.000642	<0.000657	-
	09/27/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	12/28/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	03/24/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/21/2023	<0.00500	<0.00500	<0.00500	<0.0250	-	-
09/26/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/26/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/16/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/26/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/23/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/11/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
MW-29	03/29/2018	1.12 D	0.212	0.134	0.219	1.68	-
MW-30	06/21/2023	0.0661	<0.00500	0.0215	0.0302	-	-
	09/26/2023	0.0494	<0.00100	0.0133	0.000600	0.0634	-
	12/26/2023	-	-	-	-	-	PSH
	3/18/2024	-	-	-	-	-	PSH
	6/17/2024	-	-	-	-	-	PSH
	9/18/2024	-	-	-	-	-	PSH
	12/16/2024	-	-	-	-	-	PSH
	3/26/2025	-	-	-	-	-	PSH
	6/12/2025	-	-	-	-	-	PSH
	9/8/2025	-	-	-	-	-	PSH
	12/11/2025	0.0308	<0.00100	0.0381	0.00567	0.0746	-

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-31	03/09/2016	0.000500 J	<0.000238	<0.000238	<0.000243	-	-
	06/08/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	09/21/2016	0.000600 J	<0.000621	<0.000763	<0.000256	-	-
	12/07/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-
	03/22/2017	0.00279	<0.000367	<0.000657	<0.000630	0.00279	-
	05/24/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-
	09/19/2017	0.0448	0.00429	0.00745	0.00791	0.0645	-
	12/19/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/29/2018	0.00168 J	0.000890 J	<0.000657	<0.000630	0.00257	-
	06/19/2018	0.000860 J	<0.000367	0.000750 J	<0.000630	0.00161 J	-
	09/19/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	12/19/2018	<0.000480	0.000600 J	0.00100 J	0.00210	0.00370	-
	03/20/2019	0.0109	<0.0005	0.00103	<0.0005	0.0119	-
	06/27/2019	0.00107	0.000630	<0.000657	<0.00063	0.00170	-
	09/23/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-
	12/11/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/25/2020	0.0352	<0.000512	0.00940	0.00310	0.0477	-
	06/25/2020	0.0154	<0.000367	0.00766	<0.000630	0.0231	-
	09/10/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	12/03/2020	0.00244	0.000990 J	0.00116 J	0.001130 J	0.005720	-
	03/25/2021	0.000624 J	<0.00200	<0.00200	<0.00400	<0.00200	-
	06/22/2021	0.00146 J B	<0.00200	<0.00200	<0.00400	0.00146 J B	-
	09/21/2021	<0.00200	<0.00200	0.000816 J	<0.00400	<0.00200	-
	12/16/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-
	03/23/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/22/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	09/28/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	12/29/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	03/24/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/21/2023	<0.00500	<0.00500	<0.00500	<0.0250	-	-
09/26/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/27/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/20/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/16/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/26/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/23/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/11/2025	0.00138	<0.00100	0.00127	<0.00100	<0.00100	-	

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-32	03/09/2016	<0.000223	<0.000238	<0.000238	<0.000243	-	-
	06/08/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	09/21/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	12/07/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-
	03/22/2017	0.00533	<0.000367	<0.000657	<0.000630	0.00533	-
	05/24/2017	0.00440	<0.00100	<0.000657	<0.000642	0.00440	-
	09/19/2017	0.0100	<0.00100	0.00133 J	0.000860 J	0.0122	-
	12/19/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/29/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	06/19/2018	0.000640 J	<0.000367	<0.000657	<0.000630	0.000640 J	-
	09/19/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	12/19/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-
	03/20/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-
	06/27/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-
	09/23/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-
	12/11/2019	0.00538	<0.000367	0.00262	0.000900	0.00890	-
	03/25/2020	0.0158	<0.000512	0.00560	0.00200	0.0234	-
	06/24/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	09/11/2020	0.0125	<0.000367	0.00917	0.00164 J	0.0233	-
	12/03/2020	0.000590 J	0.000750 J	0.000850 J	0.0009700 J	0.003160	-
	03/25/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-
	06/22/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-
	09/21/2021	0.00319	0.000431 J	0.00349	0.00130 J	0.00866 *+	-
	12/16/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-
	03/23/2022	0.00115 J	0.000388 J	<0.000657	<0.000642	0.00154 J	-
	06/22/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	09/28/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	12/29/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	03/24/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/21/2023	<0.00500	<0.00500	<0.00500	<0.0250	-	-
09/26/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/27/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/20/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/16/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/26/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/23/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/11/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	

**Table 3 - Groundwater Analytical Data - Historical
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Notes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
NMWQCC - Groundwater		0.010	0.750	0.750	0.620	-	-
MW-33	03/09/2016	0.000700 J	<0.000238	<0.000238	<0.000243	-	-
	06/08/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	09/21/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-
	12/07/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-
	03/22/2017	0.00619	<0.000367	<0.000657	<0.000630	0.00619	-
	05/24/2017	0.00267	<0.00100	<0.000657	<0.000642	0.00267	-
	09/19/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-
	12/19/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	03/29/2018	0.00466	0.000880 J	<0.000657	<0.000630	0.00554	-
	06/19/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	09/19/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	12/19/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-
	03/20/2019	0.00519	<0.0005	0.000570	<0.0005	0.00576	-
	06/26/2019	0.000470	0.000400	<0.000657	<0.00063	0.000870	-
	09/23/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-
	12/11/2019	0.00160	0.000380	0.00105	<0.000630	0.00303	-
	03/25/2020	<0.000480	<0.000512	<0.000616	0.000600 J	0.000600 J	-
	06/24/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	09/10/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-
	12/03/2020	0.000470 J	0.00123 J	0.00114 J	0.0007700 J	0.003610	-
	03/25/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-
	06/22/2021	0.000636 J B	0.000647 J	0.000870 J	0.000764 J B	0.00292 J B	-
	09/21/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-
	12/16/2021	0.00197 J B	<0.00200	0.000815 J	<0.00400	0.00279 J	-
	03/23/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-
	06/21/2022	<0.000408 *1	<0.000367 *1	<0.000657	<0.000642	<0.000657	-
09/27/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	
12/28/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	
03/24/2023	<0.000408	0.000412 J	<0.000657	<0.000642	<0.000657	-	
06/21/2023	<0.00500	<0.00500	<0.00500	<0.0250	-	-	
09/26/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/26/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/19/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/18/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/16/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
03/26/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
06/23/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
09/09/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	
12/11/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	

Notes:

Lab Flags noted next to values. See lab report for description.

NWP = Not Enough Water Present

PSH = Phase separated hydrocarbons

DR = Well Dry

OB = Obstruction in Well

Analyte concentration exceeds the standard for:

NMWQCC - Groundwater - NMAC 20.6.2

Table 4 - Groundwater Analytical - Historical - PAH Supplement
 Hobbs Junction Main Line
 Hobbs, NM
 SRS#: 2003-00017

Sample ID	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno (1,2,3-c,d) pyrene	Naphthalene	Phenanthrene	Pyrene
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
NMWQCC - Groundwater		-	-	0.001	-	0.0007	0.001	-	0.001	-	-	-	0.001	0.001	-	0.03	0.001	0.001
MW-18	08/21/2008	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	08/12/2009	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	03/25/2020	<0.000108	<0.0000911	<0.0000938	<0.000146	<0.0000618	<0.0000770	<0.000123	<0.000126	<0.000169	<0.0000823	-	<0.000170	<0.000109	<0.0000989	0.000197 J	<0.0000921	<0.000141
MW-21	03/24/2023	<0.0000989	<0.0000833	<0.0000890	<0.000133	<0.0000565	<0.0000692	<0.000112	<0.000115	<0.000154	<0.0000752	<0.0000989	<0.0001550	<0.0000999	<0.0000903	<0.0000962	<0.0000841	<0.000129
	03/09/2016	<0.0000410	<0.0000718	<0.0000396	<0.0000890	<0.0000516	<0.0000877	<0.0000641	<0.0000693	<0.000100	<0.0000694	0.000199 J	<0.0000788	<0.0000973	<0.0000663	0.000362	<0.0000637	<0.0000512
	03/29/2018	0.0000263 J	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	0.000317	<0.0000090	0.000182	<0.0000049	0.001143	0.000135	<0.0000092
MW-22	03/20/2019	0.0000454	<0.0000072	<0.0000075	<0.0000063	<0.0000095	<0.0000090	<0.0000079	<0.0000077	<0.0000087	<0.0000049	0.000453	<0.0000089	0.000270	<0.0000049	0.00111	0.000178	<0.0000091
	03/25/2020	<0.000113	<0.0000951	<0.0000979	<0.000152	<0.0000645	<0.0000803	<0.000128	<0.000131	<0.000176	<0.0000859	-	<0.000178	0.000376	<0.000103	0.00128	0.000389	<0.000147
	03/09/2016	<0.0000335	<0.0000587	<0.0000324	<0.0000728	<0.0000422	<0.0000717	<0.0000524	<0.0000567	<0.0000819	<0.0000568	<0.0000613	<0.0000644	<0.0000796	<0.0000542	0.000138 J	<0.0000521	<0.0000419
MW-28	03/29/2018	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	0.0000630	<0.0000090	<0.0000055	<0.0000049	0.000285 J	<0.0000055	<0.0000092
	03/29/2018	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	<0.0000053	<0.0000090	<0.0000055	<0.0000049	0.000128 J	<0.0000055	<0.0000092
	03/20/2019	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	<0.0000053	<0.0000090	<0.0000055	<0.0000049	0.0000045	<0.0000055	<0.0000092
MW-31	03/25/2020	<0.000108	<0.0000908	<0.0000934	<0.000145	<0.0000615	<0.0000767	<0.000122	<0.000125	<0.000168	<0.0000820	-	<0.000170	<0.000109	<0.0000985	<0.000105	<0.0000917	<0.000141
	03/09/2016	<0.0000361	<0.0000632	<0.0000349	<0.0000784	<0.0000454	<0.0000772	<0.0000564	<0.0000610	<0.0000882	<0.0000611	<0.0000660	<0.0000694	<0.0000856	<0.0000584	<0.0000713	<0.0000561	<0.0000451
	03/29/2018	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	<0.0000053	<0.0000090	<0.0000055	<0.0000049	0.0000973 J	<0.0000055	<0.0000092
MW-32	03/20/2019	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	<0.0000053	<0.0000090	<0.0000055	<0.0000049	<0.0000045	<0.0000055	<0.0000092
	03/09/2016	<0.0000426	<0.0000745	<0.0000412	<0.0000924	<0.0000536	<0.0000910	<0.0000665	<0.0000719	<0.000104	<0.0000720	<0.0000778	<0.0000818	<0.000101	<0.0000688	<0.0000841	<0.0000662	<0.0000532
	03/29/2018	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	<0.0000053	<0.0000090	<0.0000055	<0.0000049	<0.0000045	<0.0000055	<0.0000092
MW-33	03/20/2019	<0.0000041	<0.0000074	<0.0000077	<0.0000064	<0.0000096	<0.0000092	<0.0000080	<0.0000079	<0.0000089	<0.0000005	<0.0000054	<0.0000090	<0.0000055	<0.0000005	0.0000671	<0.0000056	<0.0000093
	03/09/2016	<0.0000330	<0.0000578	<0.0000319	<0.0000717	<0.0000416	<0.0000706	<0.0000516	<0.0000558	<0.0000807	<0.0000559	<0.0000604	<0.0000635	<0.0000784	<0.0000534	<0.0000653	<0.0000513	<0.0000413
	03/29/2018	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	<0.0000053	<0.0000090	<0.0000055	<0.0000049	0.0000980 J	<0.0000055	<0.0000092
MW-33	03/20/2019	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	<0.0000053	<0.0000090	<0.0000055	<0.0000049	<0.0000045	<0.0000055	<0.0000092
	03/25/2020	<0.000103	<0.0000869	<0.0000894	<0.000139	<0.0000589	<0.0000734	<0.000117	<0.000120	<0.000161	<0.0000784	-	<0.000162	<0.000104	<0.0000942	<0.000100	<0.0000878	<0.000134

Notes:
 Lab Flags noted next to values. See lab report for description.
 BRL = Below Reporting Limits
 J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
 < = Analyte not detected.

Analyte concentration exceeds the standard for:
NMWQCC - Groundwater - NMAC 20.6.2

**Table 5 - Groundwater Analytical Data - MNA Supplement
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Date Sampled	Ethane	Ethene	Methane	Ferrous Iron	Manganese	Phenolphthalein Alkalinity	Bicarbonate Alkalinity	Hydroxide Alkalinity	Carbonate Alkalinity	Alkalinity	Sulfate	Nitrate as N
		(mg/L)	(mg/L)	(mg/L)*	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-6	03/31/2008	-	-	-	-	BRL	-	-	-	-	-	66.7	3.50
MW-19	12/15/2021	-	-	4180	<0.0500 HF	0.123	<4.00	575	<4.00	<4.00	575	17.8	0.193
	06/22/2022	-	-	486	<0.0280 HF	0.0887 B	<4.00	496	<4.00	<4.00	496	21.8	0.273
MW-21	06/22/2022	-	-	1270	0.0300 J HF	0.0625 B	<4.00	364	<4.00	<4.00	364	43.0	0.210
	09/28/2022	-	-	627	0.0900	0.0691	<4.00	231	<4.00	<4.00	231	56.0	0.496
	12/29/2022	-	-	1860	0.510	0.0611	<4.00	394	<4.00	<4.00	394	26.7	0.352
	03/24/2023	-	-	625	0.170 HF	0.0582	<4.00	300	<4.00	<4.00	300	41.4	0.227
	06/21/2023	-	-	<2.50	0.451	0.0378	-	<10.0	<10.0	<10.0	260	58.6	0.365
	09/27/2023	-	-	119	0.254	0.0385	-	<10.0	<10.0	<10.0	250	60.2	0.359
	12/28/2023	-	-	1480	0.499	0.0534	-	<10.0	<10.0	<10.0	270	55.8	0.313
	03/19/2024	0.0118	<0.00100	1.57	0.520	0.0755	-	<10.0	<10.0	<10.0	250	16.2	<0.200
	06/17/2024	<0.00100	<0.00100	1.33	0.685	0.0814	-	69.0	<10.0	<10.0	69.0	21.6	<0.200
	09/18/2024	<0.00100	<0.00100	1.09	0.659	0.0775	-	488	<10.0	<10.0	488	28.7	0.965
	12/17/2024	<0.00100	<0.00100	0.822	0.561	0.0744	-	-	-	-	491	27.1	<0.200
	03/27/2025	<0.00100	<0.00100	0.0156	0.543	0.0582	-	-	-	-	320	53.4	<0.200
	09/09/2025	0.00700	<0.00100	1.93	0.390	0.0632	-	-	-	-	450	33.9	<0.200
	12/12/2025	0.00321	<0.00100	1.51	0.325	0.0559	-	-	-	-	370	56.1	<0.200
MW-23	06/20/2008	-	-	-	-	0.0430	-	198	BRL	BRL	198	158	3.70
	03/23/2022	-	-	1500	<0.0280 HF	0.0478	<4.00	276	<4.00	<4.00	276	62.3	0.810
	06/22/2022	-	-	0.813 J	0.660	0.0232 B	<4.00	285	<4.00	<4.00	285	121	2.36
	09/29/2022	-	-	<0.453	0.470	0.00507	<4.00	268	<4.00	<4.00	268	121	1.95
	12/28/2022	-	-	<0.453	0.160	0.00528	<4.00	295	<4.00	<4.00	295	109	1.65
	03/27/2023	-	-	<0.453	0.230 HF	0.00122 J	<4.00	280	<4.00	<4.00	280	115	1.73
	06/21/2023	-	-	0.863	<0.200	<0.00500	-	<10.0	<10.0	<10.0	330	107	1.94
	09/27/2023	-	-	0.642	<0.200	<0.00500	-	<10.0	<10.0	<10.0	240	104	1.74
	12/28/2023	-	-	3.10	<0.200	<0.00500	-	<10.0	<10.0	<10.0	340	106	2.50
	03/19/2024	<0.00100	<0.00100	0.0150	<0.200	<0.00500	-	<10.0	<10.0	<10.0	320	84.8	0.616
	06/19/2024	<0.00100	<0.00100	0.0377	<0.200	0.0120	-	69.0	<10.0	<10.0	69.0	162	1.15
	09/18/2024	<0.00100	<0.00100	0.0636	<0.200	<0.00500	-	342	<10.0	<10.0	342	89.3	1.78
	12/17/2024	<0.00500	<0.00100	0.104	<0.200	<0.00500	-	-	-	-	296	97.2	1.13
	03/27/2025	<0.00100	<0.00100	0.00249	<0.200	0.00842	-	-	-	-	260	92.3	0.851
09/09/2025	<0.00100	<0.00100	0.187	<0.200	0.00886	-	-	-	-	360	82.2	0.712	
12/12/2025	<0.00100	<0.00100	0.363	<0.200	0.00543	-	-	-	-	320	79.9	0.569	

**Table 5 - Groundwater Analytical Data - MNA Supplement
Hobbs Junction Main Line
Hobbs, NM
SRS#: 2003-00017**

Sample ID	Date Sampled	Ethane	Ethene	Methane	Ferrous Iron	Manganese	Phenolphthalein Alkalinity	Bicarbonate Alkalinity	Hydroxide Alkalinity	Carbonate Alkalinity	Alkalinity	Sulfate	Nitrate as N
		(mg/L)	(mg/L)	(mg/L)*	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-24	06/20/2008	-	-	-	-	0.0280	-	238	BRL	BRL	238	154	5.27
	12/16/2021	-	-	<5.00	<0.0500 HF	0.00746	<4.00	220	<4.00	<4.00	220	105	2.31
	03/23/2022	-	-	<0.453	<0.0280 HF	0.00472	<4.00	215	<4.00	<4.00	215	125	2.35
	06/22/2022	-	-	0.979 J	0.0600	0.0130 B	<4.00	235	<4.00	<4.00	235	105	2.25
	09/29/2022	-	-	<0.453	0.280	0.00509	<4.00	227	<4.00	<4.00	227	108	2.26
	12/29/2022	-	-	0.554 J	0.160	0.00545	<4.00	234	<4.00	<4.00	234	95.4	2.30
	03/28/2023	-	-	<0.453	0.0800 HF	0.00669	<4.00	231	<4.00	<4.00	231	105	2.07
	06/21/2023	-	-	0.503	<0.200	<0.00500	-	<10.0	<10.0	<10.0	280	98.7	2.46
	09/27/2023	-	-	0.767	<0.200	<0.00500	-	<10.0	<10.0	<10.0	220	95.6	2.26
	12/28/2023	-	-	7.87	<0.200	<0.00500	-	<10.0	<10.0	<10.0	370	116	1.66
	03/20/2024	<0.00100	<0.00100	0.000588	<0.200	<0.00500	-	<10.0	<10.0	<10.0	268	95.5	1.50
	06/19/2024	<0.00100	<0.00100	0.00265	<0.200	<0.00500	-	88.0	<10.0	<10.0	88.0	123	2.41
	09/18/2024	<0.00100	<0.00100	0.00110	<0.200	<0.00500	-	260	<10.0	<10.0	260	95.1	2.87
	12/17/2024	<0.00100	<0.00100	0.00587	<0.200	<0.00500	-	-	-	-	246	97.0	2.00
	03/27/2025	<0.00100	<0.00100	0.000522	<0.200	<0.00500	-	-	-	-	220	94.8	1.97
09/09/2025	<0.00100	<0.00100	0.00133	<0.200	<0.00500	-	-	-	-	270	97.0	2.14	
12/12/2025	<0.00100	<0.00100	0.00105	<0.200	<0.00500	-	-	-	-	260	92.2	1.93	
MW-25	12/15/2021	-	-	2970	0.0300 J HF	0.0783	<4.00	350	<4.00	<4.00	350	49.3	0.754
	03/23/2022	-	-	<0.453	<0.0280 HF	0.0215	<4.00	256	<4.00	<4.00	256	105	2.56
	09/27/2022	-	-	753	0.520	0.121	<4.00	259	<4.00	<4.00	259	74.9	0.678
	12/29/2022	-	-	1330	0.0500	0.0267	<4.00	293	<4.00	<4.00	293	66.0	0.342
	03/24/2023	-	-	1900	0.100 HF	0.0268	<4.00	321	<4.00	<4.00	321	66.0	0.379
	06/21/2023	-	-	1140	0.643	0.0401	-	<10.0	<10.0	<10.0	440	58.0	<0.200
	09/27/2023	-	-	625	<0.200	0.0250	-	<10.0	<10.0	<10.0	420	52.6	0.419
	12/28/2023	-	-	646	<0.200	<0.00500	-	<10.0	<10.0	<10.0	360	76.9	1.03
03/19/2024	0.00388	<0.00100	0.813	107	0.491	-	<10.0	<10.0	<10.0	435	69.2	<0.200	
06/17/2024	<0.00100	<0.00100	1.20	3.03	0.0471	-	<10.0	<10.0	<10.0	73.0	53.6	0.513	

Notes:

Lab Flags noted next to values. See lab report for description.

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

< = Analyte not detected.

(mg/L)* = Data prior to 2024 reported in µg/L



APPENDIX C

Laboratory Analytical Data Reports and Chain of Custody Documentation

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

David Adkins
Talon LPE
2901 S. State Hwy 349
Midland, TX 79706

Project: HOBBS JUNCTION MAINLINE

Project Number: SRS#2003-00017

Location: Lea County, NM

Lab Order Number: 5C27022



Current Certification

Report Date: 04/01/25

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: David Adkins

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-28	5C27022-01	Water	03/26/25 12:18	03-27-2025 11:53
MW-33	5C27022-02	Water	03/26/25 12:35	03-27-2025 11:53
MW-7	5C27022-03	Water	03/26/25 11:59	03-27-2025 11:53
MW-32	5C27022-04	Water	03/26/25 11:01	03-27-2025 11:53
MW-22	5C27022-05	Water	03/26/25 11:18	03-27-2025 11:53
MW-31	5C27022-06	Water	03/26/25 11:35	03-27-2025 11:53
MW-21	5C27022-07	Water	03/27/25 07:06	03-27-2025 11:53
MW-24	5C27022-08	Water	03/27/25 08:35	03-27-2025 11:53
MW-23	5C27022-09	Water	03/27/25 07:49	03-27-2025 11:53

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

MW-28
5C27022-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 16:38	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 16:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 16:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 16:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 16:38	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.5 %	80-120		P5C3110	03/31/25 12:16	03/31/25 16:38	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		91.5 %	80-120		P5C3110	03/31/25 12:16	03/31/25 16:38	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 16:38	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 16:38	EPA 8021B	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

MW-33
5C27022-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:01	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:01	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:01	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:01	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.8 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 17:01</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.3 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 17:01</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 17:01	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 17:01	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

MW-7
5C27022-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:23	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:23	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:23	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:23	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:23	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.4 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 17:23</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		91.4 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 17:23</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 17:23	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 17:23	EPA 8021B	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

MW-32
5C27022-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:46	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:46	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:46	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 17:46	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.4 %			P5C3110	03/31/25 12:16	03/31/25 17:46	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		91.1 %			P5C3110	03/31/25 12:16	03/31/25 17:46	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 17:46	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 17:46	EPA 8021B	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

MW-22
5C27022-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:09	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:09	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:09	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.8 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 18:09</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		92.6 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 18:09</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 18:09	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 18:09	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

MW-31
5C27022-06 (Water)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:31	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:31	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:31	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:31	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.4 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 18:31</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		92.3 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 18:31</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 18:31	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 18:31	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

MW-21
5C27022-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 18:54	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.4 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 18:54</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.0 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 18:54</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 18:54	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 18:54	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

MW-24
5C27022-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 19:16	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 19:16	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 19:16	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 19:16	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 19:16	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.9 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 19:16</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		92.9 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 19:16</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 19:16	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 19:16	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

MW-23
5C27022-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 19:39	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 19:39	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 19:39	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 19:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3110	03/31/25 12:16	03/31/25 19:39	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.1 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 19:39</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		90.6 %			<i>P5C3110</i>	<i>03/31/25 12:16</i>	<i>03/31/25 19:39</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 19:39	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:16	03/31/25 19:39	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: David Adkins

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5C3110 - * DEFAULT PREP *****

Blank (P5C3110-BLK1)										
										Prepared & Analyzed: 03/31/25
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.7	80-120			

LCS (P5C3110-BS1)										
										Prepared & Analyzed: 03/31/25
Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.3	80-120			

LCS Dup (P5C3110-BSD1)										
										Prepared & Analyzed: 03/31/25
Benzene	0.116	0.00100	mg/L	0.100		116	80-120	6.42	20	
Toluene	0.115	0.00100	"	0.100		115	80-120	7.91	20	
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120	8.18	20	
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120	6.49	20	
Xylene (o)	0.109	0.00100	"	0.100		109	80-120	7.69	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

Calibration Blank (P5C3110-CCB1)										
										Prepared & Analyzed: 03/31/25
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		92.1	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: David Adkins

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5C3110 - * DEFAULT PREP *****

Calibration Blank (P5C3110-CCB2)

Prepared & Analyzed: 03/31/25

Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.0	80-120			

Calibration Check (P5C3110-CCV1)

Prepared & Analyzed: 03/31/25

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		112	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

Calibration Check (P5C3110-CCV2)

Prepared & Analyzed: 03/31/25

Benzene	0.117	0.00100	mg/L	0.100		117	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	80-120			

Calibration Check (P5C3110-CCV3)

Prepared: 03/31/25 Analyzed: 04/01/25

Benzene	0.116	0.00100	mg/L	0.100		116	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.235	0.00200	"	0.200		117	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5C3110 - * DEFAULT PREP *****

Matrix Spike (P5C3110-MS1)	Source: 5C27022-01			Prepared: 03/31/25 Analyzed: 04/01/25					
Benzene	0.107	0.00100	mg/L	0.100	ND	107	80-120		
Toluene	0.104	0.00100	"	0.100	ND	104	80-120		
Ethylbenzene	0.105	0.00100	"	0.100	ND	105	80-120		
Xylene (p/m)	0.208	0.00200	"	0.200	ND	104	80-120		
Xylene (o)	0.0968	0.00100	"	0.100	ND	96.8	80-120		
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120		
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.3	80-120		

Matrix Spike Dup (P5C3110-MSD1)	Source: 5C27022-01			Prepared: 03/31/25 Analyzed: 04/01/25					
Benzene	0.106	0.00100	mg/L	0.100	ND	106	80-120	1.48	20
Toluene	0.101	0.00100	"	0.100	ND	101	80-120	1.99	20
Ethylbenzene	0.104	0.00100	"	0.100	ND	104	80-120	1.28	20
Xylene (p/m)	0.207	0.00200	"	0.200	ND	103	80-120	0.526	20
Xylene (o)	0.0949	0.00100	"	0.100	ND	94.9	80-120	1.99	20
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120		
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120		

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: David Adkins

Notes and Definitions

- BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike
- Dup Duplicate

Report Approved By:  Date: 4/1/2025

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab. LP
1400 Rankin HWY
Midland, Texas 79701

L: _____ CH: _____ W: _____
Phone: 432-686-7235

Project Name: Hobbs Junction Mainline (HJM)

Project #: Plains All American Pipeline

Project Loc: Lea County, NM

PO #: SRS# 2003-00017

Project Manager: David Adkins

Company Name: Talon LPE

Company Address: 408 Texas St.

City/State/Zip: Artesia, NM 88210

Telephone No: 575-441-4835

Fax No: _____

Report Format: Standard TRRP NPDES

Sampler Signature: *Bartlett Medley*

e-mail: dadkins@talonpe.com, mgomez@talonpe.com

ORDER #: *5C27022*

(lab use only)

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: TX 1005 TX 1006	Anions (Cl, SO ₄ , Alkalinity)	BTEX 8021B/5030 or BTEX 8260	TCLP:	ANALYZE FOR:
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LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: TX 1005 TX 1006	Anions (Cl, SO ₄ , Alkalinity)	BTEX 8021B/5030 or BTEX 8260	TCLP:	ANALYZE FOR:	
1	MW-28			3-26-25	12:18		3	3								GW						X
2	MW-33			3-26-25	12:35		3	3								GW						X
3	MW-1			3-26-25	11:59		3	3								GW						X
4	MW-32			3-26-25	11:01		3	3								GW						X
5	MW-22			3-26-25	11:18		3	3								GW						X
6	MW-31			3-26-25	11:35		3	3								GW						X
7	MW-21			3-27-25	7:06		3	3								GW						X
8	MW-24			3-27-25	8:35		3	3								GW						X
9	MW-23			3-27-25	7:49		3	3								GW						X

Special Instructions: Email Analyticals to: CJBryant@paalp.com, Maachoa@paalp.com, and KHudgens@paalp.com

Relinquished by: *Bartlett Medley*

Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: *Judy a* Date: *3/27/25* Time: *11:53*

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

David Adkins
Talon LPE
2901 S. State Hwy 349
Midland, TX 79706

Project: Hobbs Junction Mainline (HMJ) - MNA

Project Number: SRS#2003-00017

Location: Lea County, NM

Lab Order Number: 5C27024



Current Certification

Report Date: 04/14/25

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: David Adkins

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-21	5C27024-01	Water	03/27/25 07:06	03-27-2025 11:53
MW-24	5C27024-02	Water	03/27/25 08:35	03-27-2025 11:53
MW-23	5C27024-03	Water	03/27/25 07:49	03-27-2025 11:53

RSK-175, and Dissolved Fe and Cu analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:

https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

MW-21
5C27024-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:09	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:09	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.5 %	80-120		P5C3111	03/31/25 12:24	04/01/25 03:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.7 %	80-120		P5C3111	03/31/25 12:24	04/01/25 03:09	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:24	04/01/25 03:09	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:24	04/01/25 03:09	EPA 8021B	

Organics by GC

Ethane	ND	0.00100	mg/L	1	P5D1014	04/01/25 13:33	04/01/25 15:56	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P5D1014	04/01/25 13:33	04/01/25 15:56	8015M	SUB-13
Methane	0.0156	0.000500	mg/L	1	P5D1014	04/01/25 13:33	04/01/25 15:56	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Alkalinity as CaCO3	320	20.0	mg/L	1	P5D0908	04/07/25 12:00	04/07/25 12:00	EPA 310.1M	QAL1
Nitrate as N	ND	0.200	mg/L	1	P5C2709	03/27/25 12:00	03/27/25 15:15	EPA 300.0	
Sulfate	53.4	1.00	mg/L	1	P5C2709	03/27/25 12:00	03/27/25 15:15	EPA 300.0	

Dissolved Metals by EPA / Standard Methods

Iron	0.543	0.200	mg/L	1	P5D1014	04/01/25 13:33	04/07/25 19:23	EPA 6010B	SUB-13
Manganese	0.0582	0.00500	mg/L	1	P5D1014	04/01/25 13:33	04/07/25 19:23	EPA 6010B	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: David Adkins

MW-24
5C27024-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:32	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:32	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:32	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:32	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.5 %	80-120		P5C3111	03/31/25 12:24	04/01/25 03:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.8 %	80-120		P5C3111	03/31/25 12:24	04/01/25 03:32	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:24	04/01/25 03:32	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:24	04/01/25 03:32	EPA 8021B	

Organics by GC

Ethane	ND	0.00100	mg/L	1	P5D1014	04/01/25 13:33	04/01/25 16:05	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P5D1014	04/01/25 13:33	04/01/25 16:05	8015M	SUB-13
Methane	0.000522	0.000500	mg/L	1	P5D1014	04/01/25 13:33	04/01/25 16:05	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Alkalinity as CaCO3	220	20.0	mg/L	1	P5D0908	04/07/25 12:00	04/07/25 12:00	EPA 310.1M	QAL1
Nitrate as N	1.97	0.200	mg/L	1	P5C2709	03/27/25 12:00	03/27/25 15:35	EPA 300.0	
Sulfate	94.8	1.00	mg/L	1	P5C2709	03/27/25 12:00	03/27/25 15:35	EPA 300.0	

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P5D1014	04/01/25 13:33	04/07/25 19:33	EPA 6010B	SUB-13
Manganese	ND	0.00500	mg/L	1	P5D1014	04/01/25 13:33	04/07/25 19:33	EPA 6010B	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

MW-23
5C27024-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C3111	03/31/25 12:24	04/01/25 03:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.7 %	80-120		P5C3111	03/31/25 12:24	04/01/25 03:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.5 %	80-120		P5C3111	03/31/25 12:24	04/01/25 03:54	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:24	04/01/25 03:54	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/31/25 12:24	04/01/25 03:54	EPA 8021B	

Organics by GC

Ethane	ND	0.00100	mg/L	1	P5D1014	04/01/25 13:33	04/01/25 16:13	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P5D1014	04/01/25 13:33	04/01/25 16:13	8015M	SUB-13
Methane	0.00249	0.000500	mg/L	1	P5D1014	04/01/25 13:33	04/01/25 16:13	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Alkalinity as CaCO3	260	20.0	mg/L	1	P5D0908	04/07/25 12:00	04/07/25 12:00	EPA 310.1M	QAL1
Nitrate as N	0.851	0.200	mg/L	1	P5C2709	03/27/25 12:00	03/27/25 16:33	EPA 300.0	
Sulfate	92.3	1.00	mg/L	1	P5C2709	03/27/25 12:00	03/27/25 16:33	EPA 300.0	

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P5D1014	04/01/25 13:33	04/08/25 11:10	EPA 6010B	SUB-13
Manganese	0.00842	0.00500	mg/L	1	P5D1014	04/01/25 13:33	04/07/25 19:42	EPA 6010B	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: David Adkins

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5C3111 - * DEFAULT PREP *****

Blank (P5C3111-BLK1) Prepared: 03/31/25 Analyzed: 04/01/25										
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		97.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.5	80-120			

LCS (P5C3111-BS1) Prepared: 03/31/25 Analyzed: 04/01/25										
Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0962	0.00100	"	0.100		96.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	80-120			

LCS Dup (P5C3111-BSD1) Prepared: 03/31/25 Analyzed: 04/01/25										
Benzene	0.107	0.00100	mg/L	0.100		107	80-120	5.00	20	
Toluene	0.105	0.00100	"	0.100		105	80-120	4.47	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120	4.67	20	
Xylene (p/m)	0.213	0.00200	"	0.200		107	80-120	4.08	20	
Xylene (o)	0.0997	0.00100	"	0.100		99.7	80-120	3.56	20	
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.6	80-120			

Calibration Check (P5C3111-CCV1) Prepared: 03/31/25 Analyzed: 04/01/25										
Benzene	0.116	0.00100	mg/L	0.100		116	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.235	0.00200	"	0.200		117	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: David Adkins

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5C3111 - * DEFAULT PREP *****

Calibration Check (P5C3111-CCV2)

Prepared: 03/31/25 Analyzed: 04/01/25

Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.7	80-120			

Calibration Check (P5C3111-CCV3)

Prepared: 03/31/25 Analyzed: 04/01/25

Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.221	0.00200	"	0.200		111	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.2	80-120			

Matrix Spike (P5C3111-MS1)

Source: 5C27024-01

Prepared: 03/31/25 Analyzed: 04/01/25

Benzene	0.106	0.00100	mg/L	0.100	ND	106	80-120			
Toluene	0.103	0.00100	"	0.100	ND	103	80-120			
Ethylbenzene	0.104	0.00100	"	0.100	ND	104	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200	ND	102	80-120			
Xylene (o)	0.0955	0.00100	"	0.100	ND	95.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.0	80-120			

Matrix Spike Dup (P5C3111-MSD1)

Source: 5C27024-01

Prepared: 03/31/25 Analyzed: 04/01/25

Benzene	0.106	0.00100	mg/L	0.100	ND	106	80-120	0.245	20	
Toluene	0.103	0.00100	"	0.100	ND	103	80-120	0.485	20	
Ethylbenzene	0.106	0.00100	"	0.100	ND	106	80-120	1.28	20	
Xylene (p/m)	0.206	0.00200	"	0.200	ND	103	80-120	1.09	20	
Xylene (o)	0.0968	0.00100	"	0.100	ND	96.8	80-120	1.37	20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: David Adkins

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5C2709 - *** DEFAULT PREP ***										
Blank (P5C2709-BLK1) Prepared & Analyzed: 03/27/25										
Nitrate as N	ND	0.200	mg/L							
Sulfate	ND	1.00	"							
LCS (P5C2709-BS1) Prepared & Analyzed: 03/27/25										
Nitrate as N	18.6		mg/L	20.0		93.2	90-110			
Sulfate	18.2		"	20.0		90.8	90-110			
LCS Dup (P5C2709-BSD1) Prepared & Analyzed: 03/27/25										
Nitrate as N	18.6		mg/L	20.0		93.1	90-110	0.0376	10	
Sulfate	18.2		"	20.0		90.8	90-110	0.0661	10	
Calibration Check (P5C2709-CCV1) Prepared & Analyzed: 03/27/25										
Sulfate	18.3		mg/L	20.0		91.4	90-110			
Nitrate as N	18.7		"	20.0		93.3	90-110			
Calibration Check (P5C2709-CCV2) Prepared & Analyzed: 03/27/25										
Nitrate as N	18.7		mg/L	20.0		93.4	90-110			
Sulfate	18.2		"	20.0		91.2	90-110			
Duplicate (P5C2709-DUP1) Source: 5C25019-01 Prepared & Analyzed: 03/27/25										
Nitrate as N	1.59	0.200	mg/L		1.62			1.62	20	
Sulfate	60.0	1.00	"		63.4			5.57	20	
Duplicate (P5C2709-DUP2) Source: 5C25022-01 Prepared & Analyzed: 03/27/25										
Nitrate as N	ND	0.200	mg/L		0.475				20	
Sulfate	99.1	25.0	"		91.7			7.76	20	
Duplicate (P5C2709-DUP3) Source: 5C27024-03 Prepared & Analyzed: 03/27/25										
Sulfate	92.4	1.00	mg/L		92.3			0.102	20	
Nitrate as N	0.795	0.200	"		0.851			6.80	20	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
 Project Number: SRS#2003-00017
 Project Manager: David Adkins

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5D0908 - *** DEFAULT PREP ***										
Blank (P5D0908-BLK1)										
Prepared & Analyzed: 04/07/25										
Alkalinity as CaCO3	ND	20.0	mg/L							QAL1
LCS (P5D0908-BS1)										
Prepared & Analyzed: 04/07/25										
Alkalinity as CaCO3	260	20.0	mg/L				80-120			QAL1
LCS Dup (P5D0908-BSD1)										
Prepared & Analyzed: 04/07/25										
Alkalinity as CaCO3	200	20.0	mg/L				80-120	26.1	20	QAL1, R2
Duplicate (P5D0908-DUP1)										
Source: 5C25019-01										
Prepared & Analyzed: 04/07/25										
Alkalinity as CaCO3	280	20.0	mg/L		290			3.51	200	QAL1

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: David Adkins

Notes and Definitions

- SUB-13 Subcontract of analyte/analysis to ALS Houston.
- R2 The RPD exceeded the acceptance limit.
- QAL1 The Laboratory is not TNI Certified for this analyte or analysis.
- BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike
- Dup Duplicate



Report Approved By: _____ Date: 4/14/2025

Raland Tuttle, Laboratory Manager/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
 1400 Rankin HWY
 Midland, Texas 79701

L: _____ CH: _____ W: _____
 Phone: 432-686-7235

Project Manager: David Adkins

Company Name: Talon LPE

Company Address: 408 Texas St.

City/State/Zip: Artesia, NM 88210

Telephone No.: 575-441-4835

Sampler Signature: *Bartlett Madley*

e-mail: dadkins@talonlpe.com, mgomez@talonlpe.com

Report Format: Standard TRRP NPDES

Project Name: Hobbs Junction Mainline (HJM)

Project #: Plains All American Pipeline

Project Loc: Lea County, NM

PO #: SRS# 2003-00017

ORDER #: *SC 27024*

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	Matrix	TPH: TX 1005	TX 1006	Anions (Cl, SO ₄ , Alkalinity)	BTEX 8021B/5030 or BTEX 8260	MNA Parameters	TOTAL	TCP:	Standard TAT	
	MW-21			3-27-25	7:06		5	5	1	3					1	GW									X
	MW-24			3-27-25	8:35		5	5	1	3					1	GW									X
	MW-23			3-27-25	7:49		5	5	1	3					1	GW									X

Special Instructions: Email Analyticals to: CJBryant@paalp.com, Maochoa@paalp.com, and KHudgens@paalp.com

Relinquished by: <i>Bartlett Madley</i>	Date	Time	Received by:	Date	Time	Date	Time	Laboratory Comments:
Relinquished by:	Date	Time	Received by:	Date	Time	3/27/25	11:53	Sample Containers Intact? <input type="checkbox"/> VOCs Free of Headspace? <input type="checkbox"/> Labels on containers(s) <input type="checkbox"/> Custody seals on container(s) <input type="checkbox"/> Custody seals on cooler(s) <input type="checkbox"/> Sample Hand Delivered by Sampler/Client Rep. ? <input type="checkbox"/> by Courier? <input type="checkbox"/> Temperature Upon Receipt: <input type="checkbox"/> Adjusted: <i>5.3</i> °C Thermometer Factor: <input type="checkbox"/>



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Raland Tuttle
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-661-4184
Fax No:
Sampler Signature: N/A
e-mail: raland@pbelab.com, sara@pbelab.com, tressa@pbelab.com

Project Name: SUBCONTRACT
Project #:
Project Loc:
PO #:
Report Format: X Standard [] TRRP [] NPDES

Table with columns: LAB # (lab use only), FIELD CODE, Beginning Depth, Ending Depth, Date Sampled, Time Sampled, Field Filtered, Total #. of Containers, ICE, HNO3 250 poly 1, HCl 3 40mL VOA, H2SO4 1 AMBER 500/250POLY, NaOH /Ascorbic Acid 250ML P, Na2S2O3, NONE, 125 ml. amber boston rounds, DW=Drinking Water SL=Sludge, GW = Groundwater S=Soil/Solid, NP=Non-Potable Specify Other, RSK SOP-175, Mn DISS ICP 6010B, Fe DISS ICP 6010B, Analyze For, 24 HOUR RUSH STANDARD.

Table with columns: Relinquished by, Date, Time, Received by, Date, Time, Laboratory Comments (Sample Containers Intact?, VOCs Free of Headspace?, Labels on container(s), Custody seals on container(s), Custody seals on cooler(s), Sample Hand Delivered, by Sampler/Client Rep.?, by Courier?, UPS, DHL, FedEx, Lone Star), Received, Adjusted, °C Factor.

Page 107 of 337

Released to Imaging: 5/20/2026 4:59:53 PM

Received by OCD: 3/26/2026 1:48:55 PM



10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

April 08, 2025

Brent Barron
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS25040050**

Laboratory Results for: **5C27024**

Dear Brent Barron,

ALS Environmental received 3 sample(s) on Apr 01, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
Jessica Monfore
Project manager

ALS Houston, US

Date: 08-Apr-25

Client: Permian Basin Environmental Lab, LP
Project: 5C27024
Work Order: HS25040050

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS25040050-01	5C-27024-01	Water		31-Mar-2025 00:00	01-Apr-2025 09:15	<input type="checkbox"/>
HS25040050-02	5C-27024-02	Water		31-Mar-2025 00:00	01-Apr-2025 09:15	<input type="checkbox"/>
HS25040050-03	5C-27024-03	Water		31-Mar-2025 00:00	01-Apr-2025 09:15	<input type="checkbox"/>

ALS Houston, US

Date: 08-Apr-25

Client: Permian Basin Environmental Lab, LP
Project: 5C27024
Work Order: HS25040050

CASE NARRATIVE

GC Semivolatiles by Method RSK-175

Batch ID: R510137

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
-

Metals by Method SW6020A

Batch ID: 226305

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
-

ALS Houston, US

Date: 08-Apr-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C27024
 Sample ID: 5C-27024-01
 Collection Date: 31-Mar-2025 00:00

ANALYTICAL REPORT
 WorkOrder:HS25040050
 Lab ID:HS25040050-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175				Analyst: RG
Ethane	ND		1.00	ug/L	1	01-Apr-2025 15:56
Ethene	ND		1.00	ug/L	1	01-Apr-2025 15:56
Methane	15.6		0.500	ug/L	1	01-Apr-2025 15:56
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)			Prep:SW3010A / 04-Apr-2025	Analyst: JC
Iron	0.543		0.200	mg/L	1	07-Apr-2025 19:23
Manganese	0.0582		0.00500	mg/L	1	07-Apr-2025 19:23

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 08-Apr-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C27024
 Sample ID: 5C-27024-02
 Collection Date: 31-Mar-2025 00:00

ANALYTICAL REPORT
 WorkOrder:HS25040050
 Lab ID:HS25040050-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175				Analyst: RG
Ethane	ND		1.00	ug/L	1	01-Apr-2025 16:05
Ethene	ND		1.00	ug/L	1	01-Apr-2025 16:05
Methane	0.522		0.500	ug/L	1	01-Apr-2025 16:05
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)			Prep:SW3010A / 04-Apr-2025	Analyst: JC
Iron	ND		0.200	mg/L	1	07-Apr-2025 19:33
Manganese	ND		0.00500	mg/L	1	07-Apr-2025 19:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 08-Apr-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C27024
 Sample ID: 5C-27024-03
 Collection Date: 31-Mar-2025 00:00

ANALYTICAL REPORT
 WorkOrder:HS25040050
 Lab ID:HS25040050-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175				Analyst: RG
Ethane	ND		1.00	ug/L	1	01-Apr-2025 16:13
Ethene	ND		1.00	ug/L	1	01-Apr-2025 16:13
Methane	2.49		0.500	ug/L	1	01-Apr-2025 16:13
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)			Prep:SW3010A / 04-Apr-2025	Analyst: JC
Iron	ND		0.200	mg/L	1	08-Apr-2025 11:10
Manganese	0.00842		0.00500	mg/L	1	07-Apr-2025 19:42

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 08-Apr-25

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP

Project: 5C27024

WorkOrder: HS25040050

Batch ID: 226305	Start Date: 04 Apr 2025 12:00	End Date: 04 Apr 2025 12:00
Method: DISS METALS PREP - WATER - SW3010A	Prep Code: 3010A DISS	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25040050-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS25040050-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS25040050-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

ALS Houston, US

Date: 08-Apr-25

Client: Permian Basin Environmental Lab, LP
Project: 5C27024
WorkOrder: HS25040050

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 226305 (0)		Test Name : DISSOLVED METALS BY SW6020A			Matrix: Water	
HS25040050-01	5C-27024-01	31 Mar 2025 00:00		04 Apr 2025 12:00	07 Apr 2025 19:23	1
HS25040050-02	5C-27024-02	31 Mar 2025 00:00		04 Apr 2025 12:00	07 Apr 2025 19:33	1
HS25040050-03	5C-27024-03	31 Mar 2025 00:00		04 Apr 2025 12:00	08 Apr 2025 11:10	1
HS25040050-03	5C-27024-03	31 Mar 2025 00:00		04 Apr 2025 12:00	07 Apr 2025 19:42	1
Batch ID: R510137 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS25040050-01	5C-27024-01	31 Mar 2025 00:00			01 Apr 2025 15:56	1
HS25040050-02	5C-27024-02	31 Mar 2025 00:00			01 Apr 2025 16:05	1
HS25040050-03	5C-27024-03	31 Mar 2025 00:00			01 Apr 2025 16:13	1

ALS Houston, US

Date: 08-Apr-25

Client: Permian Basin Environmental Lab, LP
Project: 5C27024
WorkOrder: HS25040050

QC BATCH REPORT

Batch ID: R510137 (0)	Instrument: FID-4	Method: DISSOLVED GASES BY RSK-175
--------------------------------	--------------------------	---

MBLK	Sample ID: MBLK-250401	Units: ug/L	Analysis Date: 01-Apr-2025 15:25							
Client ID:	Run ID: FID-4_510137	SeqNo: 8760201	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Ethane	ND	1.00								
Ethene	ND	1.00								
Methane	ND	0.500								

LCS	Sample ID: LCS-250401	Units: ug/L	Analysis Date: 01-Apr-2025 15:33							
Client ID:	Run ID: FID-4_510137	SeqNo: 8760202	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Ethane	18.18	1.00	18.04	0	101	75 - 125				
Ethene	16.18	1.00	16.8	0	96.3	75 - 125				
Methane	8.571	0.500	9.647	0	88.8	75 - 125				

LCSD	Sample ID: LCSD-250401	Units: ug/L	Analysis Date: 01-Apr-2025 15:48							
Client ID:	Run ID: FID-4_510137	SeqNo: 8760203	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Ethane	18.52	1.00	18.04	0	103	75 - 125	18.18	1.86	30	
Ethene	17.84	1.00	16.8	0	106	75 - 125	16.18	9.76	30	
Methane	9.3	0.500	9.647	0	96.4	75 - 125	8.571	8.16	30	

The following samples were analyzed in this batch: HS25040050-01 HS25040050-02 HS25040050-03

ALS Houston, US

Date: 08-Apr-25

Client: Permian Basin Environmental Lab, LP
Project: 5C27024
WorkOrder: HS25040050

QC BATCH REPORT

Batch ID: 226305 (0)	Instrument: ICPMS05	Method: DISSOLVED METALS BY SW6020A (DISSOLVED)
-------------------------------	----------------------------	--

MBLK	Sample ID: MBLK-226305	Units: mg/L	Analysis Date: 07-Apr-2025 19:06							
Client ID:	Run ID: ICPMS05_510475	SeqNo: 8769462	PrepDate: 04-Apr-2025 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Iron	ND	0.200								
Manganese	ND	0.00500								

LCS	Sample ID: LCS-226305	Units: mg/L	Analysis Date: 08-Apr-2025 11:07							
Client ID:	Run ID: ICPMS05_510560	SeqNo: 8770295	PrepDate: 04-Apr-2025 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Iron	4.834	0.200	5	0	96.7	80 - 120				
Manganese	0.04826	0.00500	0.05	0	96.5	80 - 120				

MS	Sample ID: HS25040050-01MS	Units: mg/L	Analysis Date: 07-Apr-2025 19:26							
Client ID: 5C-27024-01	Run ID: ICPMS05_510475	SeqNo: 8769467	PrepDate: 04-Apr-2025 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Iron	5.97	0.200	5	0.543	109	75 - 125				
Manganese	0.1056	0.00500	0.05	0.05816	94.8	75 - 125				

MSD	Sample ID: HS25040050-01MSD	Units: mg/L	Analysis Date: 07-Apr-2025 19:28							
Client ID: 5C-27024-01	Run ID: ICPMS05_510475	SeqNo: 8769468	PrepDate: 04-Apr-2025 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Iron	5.813	0.200	5	0.543	105	75 - 125	5.97	2.67	20	
Manganese	0.103	0.00500	0.05	0.05816	89.6	75 - 125	0.1056	2.5	20	

PDS	Sample ID: HS25040050-01PDS	Units: mg/L	Analysis Date: 07-Apr-2025 19:30							
Client ID: 5C-27024-01	Run ID: ICPMS05_510475	SeqNo: 8769469	PrepDate: 04-Apr-2025 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual
Iron	11.11	0.200	10	0.543	106	75 - 125				
Manganese	0.1505	0.00500	0.1	0.05816	92.4	75 - 125				

ALS Houston, US

Date: 08-Apr-25

Client: Permian Basin Environmental Lab, LP
Project: 5C27024
WorkOrder: HS25040050

QC BATCH REPORT

Batch ID: 226305 (0)		Instrument: ICPMS05		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)						
SD	Sample ID: HS25040050-01SD		Units: mg/L		Analysis Date: 07-Apr-2025 19:11					
Client ID: 5C-27024-01	Run ID: ICPMS05_510475		SeqNo: 8769464		PrepDate: 04-Apr-2025		DF: 5			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	Limit	Qual
Iron	0.5874	1.00					0.543	0	10	J
Manganese	0.05919	0.0250					0.05816	1.78	10	
The following samples were analyzed in this batch: HS25040050-01 HS25040050-02 HS25040050-03										

ALS Houston, US

Date: 08-Apr-25

Client: Permian Basin Environmental Lab, LP
Project: 5C27024
WorkOrder: HS25040050

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US

Date: 08-Apr-25

CERTIFICATIONS, ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
California	2919; 2025	30-Apr-2025
Dept of Defense	L24-239	30-Apr-2026
Dept of Defense	L24-240	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025

ALS Houston, US

Date: 08-Apr-25

Sample Receipt Checklist

Work Order ID: HS25040050

Date/Time Received: 01-Apr-2025 09:15

Client Name: Permian Basin Lab

Received by: Edgar Zheku

Completed By: /S/ Belinda Gomez	01-Apr-2025 14:31	Reviewed by: /S/ Jessica Monfore	03-Apr-2025 12:05
eSignature	Date/Time	eSignature	Date/Time

Matrices: w

Carrier name: FedEx

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- VOA/TX1005/TX1006 Solids in hermetically sealed vials? Yes No Not Present
- Chain of custody present? Yes No 1 Page(s)
- Chain of custody signed when relinquished and received? Yes No
- Samplers name present on COC? 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
- Container/Temp Blank temperature in compliance? Yes No

Temperature(s)/Thermometer(s):	2.4uc/2.4c	ir34
Cooler(s)/Kit(s):	black	
Date/Time sample(s) sent to storage:	4/1/25 1430	
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted by:		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments: [Empty text box]

Corrective Action: [Empty text box]



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

HS25040050

Permian Basin Environmental Lab, LP
5C27024

Project Manager: Raland Tuttle

Company Name: PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184 Fax No: _____

Sampler Signature: N/A e-mail: raland@pbelab.com, sara@pbelab.com, tressa@pbelab.com



Project Loc: _____

PO #: _____

Report Format: Standard TRRP NPDES

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	ICE	HNO ₃ 250 poly 1	HCl 3 40mL VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	Na ₂ S ₂ O ₃	NONE	125 ml. amber boston rounds	DWR=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Portable Specify Other	RSK SOP-175	Min DISS ICP 6010B	Fe DISS ICP 6010B	Analyze For:		24 HOUR RUSH	STANDARD		
																				Matrix	Matrix				
	5C27024-01			3/31/2025		X	X			X													X		
	5C27024-02			3/31/2025		X	X			X														X	
	5C27024-03			3/31/2025		X	X			X														X	

Please add tressa@pbelab.com to woa's.

Laboratory Comments:			
Sample Containers Intact?		Y	N
VOCs Free of Headspace?		Y	N
Labels on container(s)		Y	N
Custody seals on container(s)		Y	N
Custody seals on cooler(s)		Y	N
Sample Hand Delivered		Y	N
by Sampler/Cilent Rep. ?		Y	N
by Courier?	UPS	DHL	FedEx Lone Star
Temperature Upon Receipt:			
Received:		°C	
Adjusted:		°C Factor	

Relinquished by:	3/31/2025	17:00	Received by:	Date	Time
Brent Barron					
Relinquished by:	Date	Time	Received by:	Date	Time
			<i>[Signature]</i>	4/01/2025	09:15
Relinquished by:	Date	Time	Received by:	Date	Time

Black 2.4°

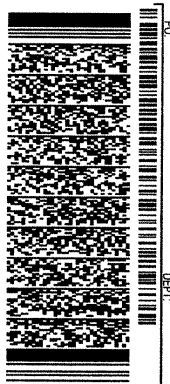
ORIGIN ID:MAFA (432) 886-7235
FRESH BLEND
PERMANENT ENVIRONMENTAL LAB, LP
1400 PARKWAY
MIDLAND, TX 79701

SHIP DATE: 31MAR25
ACT WGT: 35.00 LB
DIM: 07.88X9.6X7.6355
DIMS: 18X15X13 IN
BILL RECIPIENT

TO: **SAMPLE RECEIVING**
AL-S-HOUSTON
10450 STANCLIFF RD

HOUSTON TX 77099
REF: (281) 530-5615

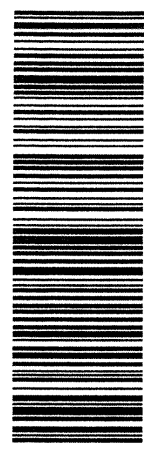
58CJ3459E/C8C4



225162412170140

TUE - 01 APR 5:00P
STANDARD OVERNIGHT
TM# 8802 0255 2936
0201

AB SGRA
TX-US IAH
77099



After printing this label,
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Brian Payton
Talon LPE
2901 S. State Hwy 349
Midland, TX 79706

Project: HOBBS JUNCTION MAINLINE

Project Number: SRS#2003-00017

Location: Lea County, NM

Lab Order Number: 5F24020



Current Certification

Report Date: 06/25/25

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Brian Payton

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-28	5F24020-01	Water	06/23/25 08:03	06-24-2025 12:03
MW-33	5F24020-02	Water	06/23/25 08:20	06-24-2025 12:03
MW-7	5F24020-03	Water	06/23/25 07:43	06-24-2025 12:03
MW-32	5F24020-04	Water	06/23/25 06:58	06-24-2025 12:03
MW-22	5F24020-05	Water	06/23/25 07:10	06-24-2025 12:03
MW-31	5F24020-06	Water	06/23/25 07:26	06-24-2025 12:03
MW-21	5F24020-07	Water	06/24/25 07:27	06-24-2025 12:03
MW-24	5F24020-08	Water	06/24/25 08:12	06-24-2025 12:03
MW-23	5F24020-09	Water	06/24/25 08:54	06-24-2025 12:03

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Brian Payton

MW-28

5F24020-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:14	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:14	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>91.6 %</i>	<i>80-120</i>		<i>P5F2413</i>	<i>06/24/25 14:58</i>	<i>06/24/25 20:14</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>91.3 %</i>	<i>80-120</i>		<i>P5F2413</i>	<i>06/24/25 14:58</i>	<i>06/24/25 20:14</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 20:14	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 20:14	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Brian Payton

MW-33

5F24020-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:37	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:37	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:37	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:37	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:37	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.2 %	80-120		P5F2413	06/24/25 14:58	06/24/25 20:37	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		91.6 %	80-120		P5F2413	06/24/25 14:58	06/24/25 20:37	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 20:37	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 20:37	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Brian Payton

MW-7
5F24020-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:59	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 20:59	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.0 %			<i>P5F2413</i>	<i>06/24/25 14:58</i>	<i>06/24/25 20:59</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		92.6 %			<i>P5F2413</i>	<i>06/24/25 14:58</i>	<i>06/24/25 20:59</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 20:59	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 20:59	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Brian Payton

MW-32

5F24020-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 21:21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 21:21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 21:21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 21:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 21:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		91.8 %	80-120		P5F2413	06/24/25 14:58	06/24/25 21:21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.8 %	80-120		P5F2413	06/24/25 14:58	06/24/25 21:21	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 21:21	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 21:21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Brian Payton

MW-22

5F24020-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 22:27	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 22:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 22:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 22:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 22:27	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.7 %			<i>P5F2413</i>	<i>06/24/25 14:58</i>	<i>06/24/25 22:27</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		91.1 %			<i>P5F2413</i>	<i>06/24/25 14:58</i>	<i>06/24/25 22:27</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 22:27	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 22:27	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Brian Payton

MW-31

5F24020-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 22:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 22:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 22:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 22:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 22:49	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.2 %	80-120		P5F2413	06/24/25 14:58	06/24/25 22:49	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		92.0 %	80-120		P5F2413	06/24/25 14:58	06/24/25 22:49	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 22:49	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 22:49	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Brian Payton

MW-21

5F24020-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:11	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.5 %	80-120		P5F2413	06/24/25 14:58	06/24/25 23:11	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		91.5 %	80-120		P5F2413	06/24/25 14:58	06/24/25 23:11	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 23:11	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 23:11	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Brian Payton

MW-24

5F24020-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:33	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:33	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:33	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		90.5 %			<i>P5F2413</i>	<i>06/24/25 14:58</i>	<i>06/24/25 23:33</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		91.9 %			<i>P5F2413</i>	<i>06/24/25 14:58</i>	<i>06/24/25 23:33</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 23:33	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 23:33	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Brian Payton

MW-23

5F24020-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:55	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:55	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:55	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:55	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F2413	06/24/25 14:58	06/24/25 23:55	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.0 %			<i>P5F2413</i>	<i>06/24/25 14:58</i>	<i>06/24/25 23:55</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		91.4 %			<i>P5F2413</i>	<i>06/24/25 14:58</i>	<i>06/24/25 23:55</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 23:55	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/24/25 14:58	06/24/25 23:55	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Brian Payton

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5F2413 - * DEFAULT PREP *****

Blank (P5F2413-BLK1)

Prepared & Analyzed: 06/24/25

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		91.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.5	80-120			

LCS (P5F2413-BS1)

Prepared & Analyzed: 06/24/25

Benzene	0.0970	0.00100	mg/L	0.100		97.0	80-120			
Toluene	0.0964	0.00100	"	0.100		96.4	80-120			
Ethylbenzene	0.0959	0.00100	"	0.100		95.9	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		94.8	80-120			
Xylene (o)	0.0912	0.00100	"	0.100		91.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.0	80-120			

LCS Dup (P5F2413-BSD1)

Prepared & Analyzed: 06/24/25

Benzene	0.100	0.00100	mg/L	0.100		100	80-120	3.22	20	
Toluene	0.0963	0.00100	"	0.100		96.3	80-120	0.166	20	
Ethylbenzene	0.0958	0.00100	"	0.100		95.8	80-120	0.0522	20	
Xylene (p/m)	0.192	0.00200	"	0.200		96.2	80-120	1.50	20	
Xylene (o)	0.0906	0.00100	"	0.100		90.6	80-120	0.682	20	
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.4	80-120			

Calibration Blank (P5F2413-CCB1)

Prepared & Analyzed: 06/24/25

Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.200		"							
Xylene (p/m)	0.190		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.7	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Brian Payton

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5F2413 - * DEFAULT PREP *****

Calibration Blank (P5F2413-CCB2)

Prepared & Analyzed: 06/24/25

Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.180		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.7	80-120			

Calibration Check (P5F2413-CCV1)

Prepared & Analyzed: 06/24/25

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0977	0.00100	"	0.100		97.7	80-120			
Ethylbenzene	0.0933	0.00100	"	0.100		93.3	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.4	80-120			
Xylene (o)	0.0932	0.00100	"	0.100		93.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.4	80-120			

Calibration Check (P5F2413-CCV2)

Prepared & Analyzed: 06/24/25

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.0995	0.00100	"	0.100		99.5	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		103	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.5	80-120			

Calibration Check (P5F2413-CCV3)

Prepared: 06/24/25 Analyzed: 06/25/25

Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.229	0.00200	"	0.200		114	80-120			
Xylene (o)	0.113	0.00100	"	0.100		113	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.7	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Brian Payton

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5F2413 - * DEFAULT PREP *****

Matrix Spike (P5F2413-MS1)	Source: 5F19009-01			Prepared: 06/24/25 Analyzed: 06/25/25						
Benzene	0.0736	0.00100	mg/L	0.100	ND	73.6	80-120			QM-05
Toluene	0.0828	0.00100	"	0.100	ND	82.8	80-120			
Ethylbenzene	0.0998	0.00100	"	0.100	ND	99.8	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200	ND	99.8	80-120			
Xylene (o)	0.100	0.00100	"	0.100	ND	100	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.0	80-120			

Matrix Spike Dup (P5F2413-MSD1)	Source: 5F19009-01			Prepared: 06/24/25 Analyzed: 06/25/25						
Benzene	0.0656	0.00100	mg/L	0.100	ND	65.6	80-120	11.5	20	QM-05
Toluene	0.0731	0.00100	"	0.100	ND	73.1	80-120	12.4	20	QM-05
Ethylbenzene	0.0890	0.00100	"	0.100	ND	89.0	80-120	11.4	20	
Xylene (p/m)	0.182	0.00200	"	0.200	ND	90.8	80-120	9.52	20	
Xylene (o)	0.0884	0.00100	"	0.100	ND	88.4	80-120	12.7	20	
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Brian Payton

Notes and Definitions

- ROI Received on Ice
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike
- Dup Duplicate



Report Approved By: _____ Date: 6/25/2025

Raland Tuttle, Laboratory Manager/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
 1400 Rankin HWY
 Midland, Texas 79701

L: _____ CH: _____ W: _____
 Phone: 432-686-7235

Project Manager: Brian Payton
 Company Name: Talon LPE
 Company Address: 408 Texas St.
 City/State/Zip: Artesia, NM 88210
 Telephone No: 210-870-4749
 Fax No: _____
 e-mail: bpayton@talonlpe.com

Project Name: Hobbs Junction Mainline (HJM)
 Project #: Plains All American Pipeline
 Project Loc: Lea County, NM
 PO #: SRS# 2003-00017

Report Format: Standard TRRP NPDES

ORDER #: 5F24020
 Sampler Signature: Bartlett Melley
 (lab use only)

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Matrix	TPH: TX 1005 TX 1006	Anions (Cl, SO ₄ , Alkalinity)	BTEX 8021B/5030 or BTEX 8260	TCLP:	TOTAL:	Analyze For:	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
1	MW-28			6-23-25	8:03		3	3	3							GW	GW			X				X	X
2	MW-33			6-23-25	8:20		3	3	3							GW	GW			X				X	X
3	MW-7			6-23-25	7:43		3	3	3							GW	GW			X				X	X
4	MW-32			6-23-25	6:58		3	3	3							GW	GW			X				X	X
5	MW-22			6-23-25	7:10		3	3	3							GW	GW			X				X	X
6	MW-31			6-23-25	7:26		3	3	3							GW	GW			X				X	X
7	MW-21			6-24-25	7:27		3	3	3							GW	GW			X				X	X
8	MW-24			6-24-25	8:12		3	3	3							GW	GW			X				X	X
9	MW-23			6-24-25	8:54		3	3	3							GW	GW			X				X	X

Special Instructions: Email Analyticals to: CJBryant@paalp.com, Maoschoa@paalp.com, and KHUDGENS@paalp.com

Relinquished by: Bartlett Melley

Date _____ Time _____ Received by: _____

Date _____ Time _____

Relinquished by: _____ Date _____ Time _____ Received by: _____

Date _____ Time _____

PBEL_COC_2021_1 Revision #: 2021_1 Effective Date: 9-21-21

Laboratory Comments:
 Sample Containers Intact? Y
 VOCs Free of Headspace? Y
 Labels on container(s) Y
 Custody seals on container(s) Y
 Custody seals on cooler(s) Y
 Sample Hand Delivered by Sampler/Client Rep. ? Y
 by Counter? UPS DHL FedEx
 Temperature Upon Receipt: _____ °C Thermometer: _____
 Adjusted: 40 °C Factor: _____

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Kevin Weichert
Talon LPE
2901 S. State Hwy 349
Midland, TX 79706

Project: HOBBS JUNCTION MAINLINE

Project Number: SRS#2003-00017

Location: Lea County, NM

Lab Order Number: 5109012



Current Certification

Report Date: 09/12/25

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-21	5109012-01	Water	09/09/25 11:18	09-09-2025 15:12
MW-24	5109012-02	Water	09/09/25 09:50	09-09-2025 15:12
MW-28	5109012-03	Water	09/09/25 08:21	09-09-2025 15:12
MW-33	5109012-04	Water	09/09/25 08:40	09-09-2025 15:12
MW-7	5109012-05	Water	09/09/25 07:57	09-09-2025 15:12
MW-23	5109012-06	Water	09/09/25 10:36	09-09-2025 15:12
MW-32	5109012-07	Water	09/09/25 07:30	09-09-2025 15:12
MW-22	5109012-08	Water	09/09/25 07:05	09-09-2025 15:12
MW-31	5109012-09	Water	09/09/25 09:03	09-09-2025 15:12

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-21
5I09012-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 15:32	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 15:32	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 15:32	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 15:32	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 15:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P5I1111	09/11/25 10:44	09/11/25 15:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		84.0 %	80-120		P5I1111	09/11/25 10:44	09/11/25 15:32	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 15:32	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 15:32	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-24
5I09012-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 15:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 15:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 15:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 15:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 15:54	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		105 %			<i>P5I1111</i>	<i>09/11/25 10:44</i>	<i>09/11/25 15:54</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		85.5 %			<i>P5I1111</i>	<i>09/11/25 10:44</i>	<i>09/11/25 15:54</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 15:54	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 15:54	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-28
5I09012-03 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
Benzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 16:16	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 16:16	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 16:16	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 16:16	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 16:16	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %			P5I1111	09/11/25 10:44	09/11/25 16:16	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		85.7 %			P5I1111	09/11/25 10:44	09/11/25 16:16	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 16:16	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 16:16	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-33
5I09012-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 16:38	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 16:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 16:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 16:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 16:38	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		105 %			P5I1111	09/11/25 10:44	09/11/25 16:38	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		84.4 %			P5I1111	09/11/25 10:44	09/11/25 16:38	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 16:38	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 16:38	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-7
5I09012-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:00	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:00	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:00	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		110 %			P5I1111	09/11/25 10:44	09/11/25 17:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		85.3 %			P5I1111	09/11/25 10:44	09/11/25 17:00	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 17:00	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 17:00	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-23
5I09012-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:22	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:22	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:22	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:22	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %			<i>P5I1111</i>	<i>09/11/25 10:44</i>	<i>09/11/25 17:22</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		84.4 %			<i>P5I1111</i>	<i>09/11/25 10:44</i>	<i>09/11/25 17:22</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 17:22	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 17:22	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-32
5I09012-07 (Water)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:44	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:44	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:44	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 17:44	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		107 %			P5I1111	09/11/25 10:44	09/11/25 17:44	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		86.0 %			P5I1111	09/11/25 10:44	09/11/25 17:44	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 17:44	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 17:44	EPA 8021B	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

MW-22
5109012-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P511111	09/11/25 10:44	09/11/25 18:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511111	09/11/25 10:44	09/11/25 18:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511111	09/11/25 10:44	09/11/25 18:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511111	09/11/25 10:44	09/11/25 18:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511111	09/11/25 10:44	09/11/25 18:49	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		110 %			P511111	09/11/25 10:44	09/11/25 18:49	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		85.1 %			P511111	09/11/25 10:44	09/11/25 18:49	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 18:49	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 18:49	EPA 8021B	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

MW-31
5I09012-09 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
Benzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 19:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 19:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 19:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 19:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5I1111	09/11/25 10:44	09/11/25 19:11	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %			<i>P5I1111</i>	<i>09/11/25 10:44</i>	<i>09/11/25 19:11</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		85.5 %			<i>P5I1111</i>	<i>09/11/25 10:44</i>	<i>09/11/25 19:11</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 19:11	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/25 10:44	09/11/25 19:11	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P51111 - * DEFAULT PREP *****

Blank (P51111-BLK1)

Prepared & Analyzed: 09/11/25

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.102		"	0.120		85.4	80-120			

LCS (P51111-BS1)

Prepared & Analyzed: 09/11/25

Benzene	0.102	0.00100	mg/L	0.100		102	80-120		20	
Toluene	0.106	0.00100	"	0.100		106	80-120		20	
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120		20	
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120		20	
Xylene (o)	0.102	0.00100	"	0.100		102	80-120		20	
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		88.9	80-120			

LCS Dup (P51111-BSD1)

Prepared & Analyzed: 09/11/25

Benzene	0.0978	0.00100	mg/L	0.100		97.8	80-120	4.56	20	
Toluene	0.103	0.00100	"	0.100		103	80-120	2.94	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	2.34	20	
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120	2.24	20	
Xylene (o)	0.101	0.00100	"	0.100		101	80-120	0.523	20	
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		86.7	80-120			

Calibration Blank (P51111-CCB1)

Prepared & Analyzed: 09/11/25

Benzene	0.00		ug/l							
Toluene	0.190		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		87.0	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5I1111 - * DEFAULT PREP *****

Calibration Blank (P5I1111-CCB2)

Prepared & Analyzed: 09/11/25

Benzene	0.170		ug/l							
Toluene	0.320		"							
Ethylbenzene	0.630		"							
Xylene (p/m)	1.44		"							
Xylene (o)	0.590		"							
Surrogate: 4-Bromofluorobenzene	0.131		"	0.120		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.103		"	0.120		85.8	80-120			

Calibration Check (P5I1111-CCV1)

Prepared & Analyzed: 09/11/25

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		107	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		86.5	80-120			

Calibration Check (P5I1111-CCV2)

Prepared & Analyzed: 09/11/25

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.237	0.00200	"	0.200		118	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	0.132		"	0.120		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.102		"	0.120		85.3	80-120			

Calibration Check (P5I1111-CCV3)

Prepared & Analyzed: 09/11/25

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	0.141		"	0.120		117	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.6	80-120			

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5I1111 - * DEFAULT PREP *****

Matrix Spike (P5I1111-MS1)	Source: 5I08021-01			Prepared & Analyzed: 09/11/25						
Benzene	0.126	0.00100	mg/L	0.100	0.0234	103	80-120		20	
Toluene	0.104	0.00100	"	0.100	0.00569	98.3	80-120		20	
Ethylbenzene	0.103	0.00100	"	0.100	0.00663	96.7	80-120		20	
Xylene (p/m)	0.214	0.00200	"	0.200	0.0243	94.9	80-120		20	
Xylene (o)	0.0970	0.00100	"	0.100	0.00409	92.9	80-120		20	
Surrogate: 4-Bromofluorobenzene	0.135		"	0.120		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.105		"	0.120		87.1	80-120			

Matrix Spike Dup (P5I1111-MSD1)	Source: 5I08021-01			Prepared & Analyzed: 09/11/25						
Benzene	0.131	0.00100	mg/L	0.100	0.0234	108	80-120	4.84	20	
Toluene	0.107	0.00100	"	0.100	0.00569	101	80-120	2.69	20	
Ethylbenzene	0.109	0.00100	"	0.100	0.00663	102	80-120	5.76	20	
Xylene (p/m)	0.227	0.00200	"	0.200	0.0243	102	80-120	6.81	20	
Xylene (o)	0.104	0.00100	"	0.100	0.00409	99.7	80-120	7.09	20	
Surrogate: 4-Bromofluorobenzene	0.134		"	0.120		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.101		"	0.120		84.4	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

Notes and Definitions

- ROI Received on Ice
- pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike
- Dup Duplicate



Report Approved By: _____ Date: 9/12/2025

Raland Tuttle, Laboratory Manager/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

L: _____ CH: _____ W: _____
Phone: 432-686-7235

Project Manager: Kevin Weichert

Project Name: Hobbs Junction Mainline (HJM)

Company Name: Talon LPE

Project #: Plains All American Pipeline

Company Address: 408 Texas St.

Project Loc: Lea County, NM

City/State/zip: Artesia, NM 88210

PO #: SRS# 2003-00017

Telephone No: 307-251-2529

Fax No: _____

Report Format: Standard TRRP NPDES

Sampler Signature: *Bartlett Medley*

e-mail: kweichert@talonlpe.com

(lab use only)

ORDER #:

SI09012

Preservation & # of Containers

Matrix

Analyze For:

TCLP:

TOTAL:

LAB # (lab use only)

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 8021B/5030 or BTEX 8260

RUSH TAT (Pre-Schedule) 24, 48, 72 h

Standard TAT

FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	Matrix	TPH: TX 1005 TX 1006	Anions (Cl, SO ₄ , Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
MW-21			9-9-25	11:18		3									GW				X	X
MW-24			9-9-25	9:50		3									GW				X	X
MW-28			9-9-25	8:21		3									GW				X	X
MW-33			9-9-25	8:40		3									GW				X	X
MW-7			9-9-25	7:57		3									GW				X	X
MW-23			9-9-25	10:36		3									GW				X	X
MW-32			9-9-25	7:30		3									GW				X	X
MW-22			9-9-25	7:05		3									GW				X	X
MW-31			9-9-25	9:03		3									GW				X	X

Special Instructions:

Email Analyticals to: CJBryant@paalp.com, Maachoa@paalp.com, and KHudgens@paalp.com

Relinquished by: *Bartlett Medley* Date: 9-9-25 Time: 11:36 Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: 9-9-25 Time: 15:12 Received by: *Juan Medley* Date: 9/9/25 Time: 15:12

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Laboratory Comments:

Sample Containers Intact? Y
VOCs Free of Headspace? Y
Labels on container(s) Y
Custody seals on container(s) Y
Custody seals on cooler(s) Y
Sample Hand Delivered by Sampler/Client Rep.? Y
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: °C °F 5.9
Adjusted: Factor: _____

PBEL_COC_2021_1 Revision #: 2021_1 Effective Date: 9-21-21

Page ___ of ___

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Kevin Weichert
Talon LPE
2901 S. State Hwy 349
Midland, TX 79706

Project: Hobbs Junction Mainline (HMJ) - MNA

Project Number: SRS#2003-00017

Location: Lea County, NM

Lab Order Number: 5I09011



Current Certification

Report Date: 09/23/25

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-21	5109011-01	Water	09/09/25 11:18	09-09-2025 15:12
MW-24	5109011-02	Water	09/09/25 09:50	09-09-2025 15:12
MW-23	5109011-03	Water	09/09/25 10:36	09-09-2025 15:12

Dissolved Iron and Manganese and RSK-175 analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:

https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-21
5I09011-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Ethane	0.00700	0.00100	mg/L	1	P511727	09/11/25 00:00	09/12/25 09:33	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P511727	09/11/25 00:00	09/12/25 09:33	8015M	SUB-13
Methane	1.93	0.0500	mg/L	1	P511727	09/11/25 00:00	09/12/25 10:05	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Alkalinity as CaCO3	450	10.0	mg/L	1	P511724	09/19/25 11:05	09/19/25 11:05	SM 2320B	QAL1
Nitrate as N	ND	0.200	mg/L	1	P511015	09/10/25 17:04	09/11/25 15:26	EPA 300.0	
Sulfate	33.9	1.00	mg/L	1	P511015	09/10/25 17:04	09/11/25 15:26	EPA 300.0	

Dissolved Metals by EPA / Standard Methods

Iron	0.390	0.200	mg/L	1	P511727	09/11/25 00:00	09/16/25 10:41	EPA 6020A	SUB-13
Manganese	0.0632	0.00500	mg/L	1	P511727	09/11/25 00:00	09/16/25 10:41	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-24
5I09011-02 (Water)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

Organics by GC

Ethane	ND	0.00100	mg/L	1	P511727	09/11/25 00:00	09/12/25 09:44	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P511727	09/11/25 00:00	09/12/25 09:44	8015M	SUB-13
Methane	0.00133	0.000500	mg/L	1	P511727	09/11/25 00:00	09/12/25 09:44	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Alkalinity as CaCO3	270	10.0	mg/L	1	P511724	09/19/25 11:05	09/19/25 11:05	SM 2320B	QAL1
Nitrate as N	2.14	0.200	mg/L	1	P511015	09/10/25 17:04	09/11/25 16:03	EPA 300.0	
Sulfate	97.0	1.00	mg/L	1	P511015	09/10/25 17:04	09/11/25 16:03	EPA 300.0	

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P511727	09/11/25 00:00	09/16/25 10:55	EPA 6020A	SUB-13
Manganese	ND	0.00500	mg/L	1	P511727	09/11/25 00:00	09/16/25 10:55	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-23
5I09011-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Ethane	ND	0.00100	mg/L	1	P511727	09/11/25 00:00	09/12/25 09:57	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P511727	09/11/25 00:00	09/12/25 09:57	8015M	SUB-13
Methane	0.187	0.00500	mg/L	1	P511727	09/11/25 00:00	09/12/25 10:16	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Alkalinity as CaCO3	360	10.0	mg/L	1	P511724	09/19/25 11:05	09/19/25 11:05	SM 2320B	QAL1
Nitrate as N	0.712	0.200	mg/L	1	P511015	09/10/25 17:04	09/11/25 16:21	EPA 300.0	
Sulfate	82.2	1.00	mg/L	1	P511015	09/10/25 17:04	09/11/25 16:21	EPA 300.0	

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P511727	09/11/25 00:00	09/16/25 10:57	EPA 6020A	SUB-13
Manganese	0.00886	0.00500	mg/L	1	P511727	09/11/25 00:00	09/16/25 10:57	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

**General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5I1015 - * DEFAULT PREP *****

Blank (P5I1015-BLK1) Prepared: 09/10/25 Analyzed: 09/11/25

Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							

LCS (P5I1015-BS1) Prepared: 09/10/25 Analyzed: 09/11/25

Nitrate as N	19.8		mg/L	20.0		99.2	90-110		10	
Sulfate	19.3		"	20.0		96.5	90-110		10	

LCS Dup (P5I1015-BSD1) Prepared: 09/10/25 Analyzed: 09/11/25

Sulfate	19.4		mg/L	20.0		96.9	90-110	0.460	10	
Nitrate as N	19.9		"	20.0		99.6	90-110	0.453	10	

Calibration Check (P5I1015-CCV1) Prepared: 09/10/25 Analyzed: 09/11/25

Sulfate	19.2		mg/L	20.0		96.2	90-110			
Nitrate as N	19.8		"	20.0		99.1	90-110			

Calibration Check (P5I1015-CCV2) Prepared: 09/10/25 Analyzed: 09/11/25

Sulfate	19.8		mg/L	20.0		99.1	90-110			
Nitrate as N	20.3		"	20.0		102	90-110			

Duplicate (P5I1015-DUP1) Source: 5I09011-01 Prepared: 09/10/25 Analyzed: 09/11/25

Nitrate as N	0.139	0.200	mg/L		0.151			8.28	20	
Sulfate	33.5	1.00	"		33.9			1.07	20	

Batch P5I1724 - * DEFAULT PREP *****

Blank (P5I1724-BLK1) Prepared & Analyzed: 09/19/25

Alkalinity as CaCO3	ND	10.0	mg/L							QAL1
---------------------	----	------	------	--	--	--	--	--	--	------

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P5I1724 - *** DEFAULT PREP ***										
LCS (P5I1724-BS1)				Prepared & Analyzed: 09/19/25						
Alkalinity as CaCO3	260	10.0	mg/L				80-120		20	QAL1
LCS Dup (P5I1724-BSD1)				Prepared & Analyzed: 09/19/25						
Alkalinity as CaCO3	270	10.0	mg/L				80-120	3.77	20	QAL1
Duplicate (P5I1724-DUP1)				Source: 5I09011-01 Prepared & Analyzed: 09/19/25						
Alkalinity as CaCO3	460	10.0	mg/L		450			2.20	200	QAL1

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

Notes and Definitions

- SUB-13 Subcontract of analyte/analysis to ALS Houston.
- ROI Received on Ice
- QAL1 The Laboratory is not TNI Certified for this analyte or analysis.
- pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
- NPBEL C Chain of Custody was not generated at PBELAB
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike
- Dup Duplicate



Report Approved By: _____ Date: 9/23/2025

Raland Tuttle, Laboratory Manager/Technical Director

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

L: _____ CH: _____ W: _____
Phone: 432-686-7235

Project Manager: Kevin Weichert

Company Name: Talon LPE

Company Address: 408 Texas St.
Artesia, NM 88210

City/State/Zip:

Telephone No: 307-251-2529

Fax No:

Sampler Signature: *Bartlett Medley* e-mail: kweichert@talonlpe.com

Project Name: Hobbs Junction Mainline (HJM)

Project #: Plains All American Pipeline

Project Loc: Lea County, NM

PO #: SRS# 2003-00017

Report Format: Standard TRRP NPDES

(lab use only)

ORDER #: 5109011

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	MNA Parameters	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
								Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None							
1	MW-21			9-9-25	11:18		5	5	1	3								X		X	
2	MW-24			9-9-25	9:50		5	5	1	3								X		X	
3	MW-23			9-9-25	10:36		5	5	1	3								X		X	

Analyze For:

TCLP: _____
TOTAL: _____

Special Instructions: Email Analyticals to: CJBryant@paalp.com, Maachoa@paalp.com, and KHudgens@paalp.com

Relinquished by: *Bartlett Medley* Date: 9-9-25 Time: 11:36 Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

PBEL_COC_2021_1 Revision #: 2021_1 Effective Date: 9-21-21

Laboratory Comments: Sample Containers Intact? Y
VOCs Free of Headspace? Y
Labels on container(s) Y
Custody seals on container(s) Y
Custody seals on cooler(s) Y
Sample Hand Delivered Y
by Sampler/Client Rep. ? Y
Temperature Upon Receipt: _____ °C
Adjusted: 5.9 °C Factor: _____
FedEx Y
UPS Y
DHL Y
Temperature Upon Receipt: _____ °C
Adjusted: _____ °C Factor: _____
FedEx Y
UPS Y
DHL Y

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Raland Tuttle
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-686-7235
Fax No:
Sampler Signature: N/A
e-mail: raland@pbelab.com, sara@pbelab.com, tressa@pbelab.com

Project Name: SUBCONTRACT
Project #:
Project Loc:
PO #:
Report Format: X Standard [] TRRP [] NPDES

Table with columns: LAB # (lab use only), FIELD CODE, Beginning Depth, Ending Depth, Date Sampled, Time Sampled, Field Filtered, Total #. of Containers, ICE, HNO3 250 poly 1, HCl 3 40mL VOA, H2SO4 1 AMBER 500/250POLY, NaOH /Ascorbic Acid 250ML P, Na2S2O3, NONE, 125 ml. amber boston rounds, DW=Drinking Water SL=Sludge, GW = Groundwater S=Soil/Solid, NP=Non-Portable Specify Other, RSK SOP-175, Mn DISS ICP 6010B, Fe DISS ICP 6010B, Analyze For, 24 HOUR RUSH STANDARD.

Please add tressa@pbelab.com AND sara@pbelab.com for WOA's

Table with columns: Relinquished by, Date, Time, Received by, Date, Time. Includes entries for RALAND TUTTLE on 9/10/2025.

Laboratory Comments table with rows for Sample Containers Intact?, VOCs Free of Headspace?, Labels on container(s), Custody seals on container(s), Custody seals on cooler(s), Sample Hand Delivered, by Sampler/Client Rep.?, by Courier?, UPS, DHL, FedEx, Lone Star, Temperature Upon Receipt, Received: °C, Adjusted: °C Factor.



10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

September 16, 2025

Sara Gotcher
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS25090485**

Laboratory Results for: **5109011**

Dear Sara Gotcher,

ALS Environmental received 3 sample(s) on Sep 11, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
Jessica Monfore
Project Manager

ALS Houston, US

Date: 16-Sep-25

Client: Permian Basin Environmental Lab, LP
Project: 5I09011
Work Order: HS25090485

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS25090485-01	5I09011-01	Water		09-Sep-2025 11:18	11-Sep-2025 08:50	<input type="checkbox"/>
HS25090485-02	5I09011-02	Water		09-Sep-2025 09:50	11-Sep-2025 08:50	<input type="checkbox"/>
HS25090485-03	5I09011-03	Water		09-Sep-2025 10:36	11-Sep-2025 08:50	<input type="checkbox"/>

ALS Houston, US

Date: 16-Sep-25

Client: Permian Basin Environmental Lab, LP
Project: 5I09011
Work Order: HS25090485

CASE NARRATIVE

GC Semivolatiles by Method RSK-175

Batch ID: R521624

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
-

Metals by Method SW6020A

Batch ID: 232862

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
-

ALS Houston, US

Date: 16-Sep-25

Client: Permian Basin Environmental Lab, LP
 Project: 5I09011
 Sample ID: 5I09011-01
 Collection Date: 09-Sep-2025 11:18

ANALYTICAL REPORT

WorkOrder:HS25090485
 Lab ID:HS25090485-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175				Analyst: RG
Ethane	7.00		1.00	ug/L	1	12-Sep-2025 09:33
Ethene	ND		1.00	ug/L	1	12-Sep-2025 09:33
Methane	1,930		50.0	ug/L	100	12-Sep-2025 10:05
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)			Prep:SW3010A / 13-Sep-2025	Analyst: JC
Iron	0.390		0.200	mg/L	1	16-Sep-2025 10:41
Manganese	0.0632		0.00500	mg/L	1	16-Sep-2025 10:41

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 16-Sep-25

Client: Permian Basin Environmental Lab, LP
 Project: 5I09011
 Sample ID: 5I09011-02
 Collection Date: 09-Sep-2025 09:50

ANALYTICAL REPORT
 WorkOrder:HS25090485
 Lab ID:HS25090485-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175				Analyst: RG
Ethane	ND		1.00	ug/L	1	12-Sep-2025 09:44
Ethene	ND		1.00	ug/L	1	12-Sep-2025 09:44
Methane	1.33		0.500	ug/L	1	12-Sep-2025 09:44
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)			Prep:SW3010A / 13-Sep-2025	Analyst: JC
Iron	ND		0.200	mg/L	1	16-Sep-2025 10:55
Manganese	ND		0.00500	mg/L	1	16-Sep-2025 10:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 16-Sep-25

Client: Permian Basin Environmental Lab, LP
 Project: 5I09011
 Sample ID: 5I09011-03
 Collection Date: 09-Sep-2025 10:36

ANALYTICAL REPORT
 WorkOrder:HS25090485
 Lab ID:HS25090485-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175				Analyst: RG
Ethane	ND		1.00	ug/L	1	12-Sep-2025 09:57
Ethene	ND		1.00	ug/L	1	12-Sep-2025 09:57
Methane	187		5.00	ug/L	10	12-Sep-2025 10:16
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)			Prep:SW3010A / 13-Sep-2025	Analyst: JC
Iron	ND		0.200	mg/L	1	16-Sep-2025 10:57
Manganese	0.00886		0.00500	mg/L	1	16-Sep-2025 10:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 16-Sep-25

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP

Project: 5I09011

WorkOrder: HS25090485

Batch ID: 232862	Start Date: 13 Sep 2025 10:00	End Date: 13 Sep 2025 10:00
Method: DISS METALS PREP - WATER - SW3010A	Prep Code: 3010A DISS	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25090485-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS25090485-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS25090485-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

ALS Houston, US

Date: 16-Sep-25

Client: Permian Basin Environmental Lab, LP
Project: 5I09011
WorkOrder: HS25090485

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 232862 (0)		Test Name : DISSOLVED METALS BY SW6020A			Matrix: Water	
HS25090485-01	5I09011-01	09 Sep 2025 11:18		13 Sep 2025 10:00	16 Sep 2025 10:41	1
HS25090485-02	5I09011-02	09 Sep 2025 09:50		13 Sep 2025 10:00	16 Sep 2025 10:55	1
HS25090485-03	5I09011-03	09 Sep 2025 10:36		13 Sep 2025 10:00	16 Sep 2025 10:57	1
Batch ID: R521624 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS25090485-01	5I09011-01	09 Sep 2025 11:18			12 Sep 2025 10:05	100
HS25090485-01	5I09011-01	09 Sep 2025 11:18			12 Sep 2025 09:33	1
HS25090485-02	5I09011-02	09 Sep 2025 09:50			12 Sep 2025 09:44	1
HS25090485-03	5I09011-03	09 Sep 2025 10:36			12 Sep 2025 10:16	10
HS25090485-03	5I09011-03	09 Sep 2025 10:36			12 Sep 2025 09:57	1

ALS Houston, US

Date: 16-Sep-25

Client: Permian Basin Environmental Lab, LP
Project: 5I09011
WorkOrder: HS25090485

QC BATCH REPORT

Batch ID: R521624 (0)	Instrument: FID-4	Method: DISSOLVED GASES BY RSK-175
--------------------------------	--------------------------	---

MBLK	Sample ID: MBLK-250912	Units: ug/L	Analysis Date: 12-Sep-2025 09:06							
Client ID:	Run ID: FID-4_521624	SeqNo: 9027922	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Ethane	ND	1.00								
Ethene	ND	1.00								
Methane	ND	0.500								

LCS	Sample ID: LCS-250912	Units: ug/L	Analysis Date: 12-Sep-2025 09:14							
Client ID:	Run ID: FID-4_521624	SeqNo: 9027923	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Ethane	21	1.00	18.04	0	116	75 - 125				
Ethene	18.34	1.00	16.8	0	109	75 - 125				
Methane	9.812	0.500	9.647	0	102	75 - 125				

LCSD	Sample ID: LCSD-250912	Units: ug/L	Analysis Date: 12-Sep-2025 09:22							
Client ID:	Run ID: FID-4_521624	SeqNo: 9027924	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Ethane	21.15	1.00	18.04	0	117	75 - 125	21	0.717	30	
Ethene	18.72	1.00	16.8	0	111	75 - 125	18.34	2.01	30	
Methane	10.43	0.500	9.647	0	108	75 - 125	9.812	6.14	30	

The following samples were analyzed in this batch: HS25090485-01 HS25090485-02 HS25090485-03

ALS Houston, US

Date: 16-Sep-25

Client: Permian Basin Environmental Lab, LP
Project: 5I09011
WorkOrder: HS25090485

QC BATCH REPORT

Batch ID: 232862 (0) **Instrument:** ICPMS06 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

MBLK		Sample ID: MBLK-232862		Units: mg/L		Analysis Date: 15-Sep-2025 19:54			
Client ID:		Run ID: ICPMS06_521729		SeqNo: 9032585		PrepDate: 13-Sep-2025		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Iron	ND	0.200							
Manganese	ND	0.00500							

LCS		Sample ID: LCS-232862		Units: mg/L		Analysis Date: 15-Sep-2025 19:56			
Client ID:		Run ID: ICPMS06_521729		SeqNo: 9032586		PrepDate: 13-Sep-2025		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Iron	4.647	0.200	5	0	92.9	80 - 120			
Manganese	0.04642	0.00500	0.05	0	92.8	80 - 120			

MS		Sample ID: HS25090485-01MS		Units: mg/L		Analysis Date: 16-Sep-2025 10:45			
Client ID: 5I09011-01		Run ID: ICPMS06_521835		SeqNo: 9033236		PrepDate: 13-Sep-2025		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Iron	4.834	0.200	5	0.3903	88.9	75 - 125			
Manganese	0.1074	0.00500	0.05	0.06317	88.5	75 - 125			

MSD		Sample ID: HS25090485-01MSD		Units: mg/L		Analysis Date: 16-Sep-2025 10:47			
Client ID: 5I09011-01		Run ID: ICPMS06_521835		SeqNo: 9033237		PrepDate: 13-Sep-2025		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Iron	4.924	0.200	5	0.3903	90.7	75 - 125	4.834	1.86	20
Manganese	0.1106	0.00500	0.05	0.06317	94.8	75 - 125	0.1074	2.89	20

PDS		Sample ID: HS25090485-01PDS		Units: mg/L		Analysis Date: 16-Sep-2025 10:49			
Client ID: 5I09011-01		Run ID: ICPMS06_521835		SeqNo: 9033238		PrepDate: 13-Sep-2025		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Iron	12.37	0.200	10	0.3903	120	75 - 125			
Manganese	0.1838	0.00500	0.1	0.06317	121	75 - 125			

ALS Houston, US

Date: 16-Sep-25

Client: Permian Basin Environmental Lab, LP
Project: 5I09011
WorkOrder: HS25090485

QC BATCH REPORT

Batch ID: 232862 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)						
SD	Sample ID: HS25090485-01SD		Units: mg/L		Analysis Date: 16-Sep-2025 10:43					
Client ID: 5I09011-01	Run ID: ICPMS06_521835		SeqNo: 9033235		PrepDate: 13-Sep-2025		DF: 5			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	Limit	Qual
Iron	0.423	1.00					0.3903	0	10	J
Manganese	0.06518	0.0250					0.06317	3.19	10	
The following samples were analyzed in this batch: HS25090485-01 HS25090485-02 HS25090485-03										

ALS Houston, US

Date: 16-Sep-25

Client: Permian Basin Environmental Lab, LP
Project: 5I09011
WorkOrder: HS25090485

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US

Date: 16-Sep-25

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2026
Arkansas	88-00356_2024	17-Mar-2026
California	2919 - 2025	30-Apr-2026
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-2025	30-Jun-2026
Illinois	200032 - 2025	31-Jul-2026
Kansas	KS-C25-00168	31-Jul-2026
Kentucky	123043-2025	30-Apr-2026
Louisiana	03087-2025	30-Jun-2026
Maine	2024017	23-Jun-2026
Michigan	9971-2025	30-Apr-2026
Minnesota	2856348	31-Dec-2025
Missouri	136	30-Sep-2026
Nebraska	NE-OS-25-13 - 2025	30-Apr-2026
Nevada	NV-C25-00124 - 2025	31-Jul-2026
New Hampshire	209425	24-Apr-2026
New Jersey	TX008-2025	30-Jun-2026
New York	11707 - 2025	01-Apr-2026
North Carolina	624 - 2024	31-Dec-2025
North Dakota	R-193 2023-2024	30-Sep-2025
Oregon	TX200002-013	15-May-2026
Pennsylvania	019	01-Jul-2026
Tennessee	TN	30-Apr-2026
Texas	TX-C25-00104	30-Apr-2026

ALS Houston, US

Date: 16-Sep-25

Sample Receipt Checklist

Work Order ID: HS25090485

Date/Time Received: 11-Sep-2025 08:50

Client Name: Permian Basin Lab

Received by: Belinda Gomez

Completed By: /S/ Belinda Gomez	11-Sep-2025 16:23	Reviewed by: /S/ Jessica Monfore	12-Sep-2025 00:15
eSignature	Date/Time	eSignature	Date/Time

Matrices: w

Carrier name: FedEx

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- VOA/TX1005/TX1006 Solids in hermetically sealed vials? Yes No Not Present
- Chain of custody present? Yes No 1 Page(s)
- Chain of custody signed when relinquished and received? Yes No
- Samplers name present on COC? 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
- Container/Temp Blank temperature in compliance? Yes No

Temperature(s)/Thermometer(s):	2.8uc/2.8c	ir34
Cooler(s)/Kit(s):	black	
Date/Time sample(s) sent to storage:	9-11-25	
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted by:		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments: [Empty text box]

Corrective Action: [Empty text box]

ORIGIN ID:MAFA (432) 898/7235
PRESSA BLEDSOE
PREMAN BASIN ENVIRONMENTAL LAB, LP
1400 PARKWAY HWY
MIDLAND, TX 79701

SHIP DATE: 10SEP25
ACT/WT: 13.00 LB
C/D: 01/388/000/NET/4535
DIMS: 13.5X5 X 11
BILL RECEIPT

TO **SAMPLE RECEIVING**
ALS-HOUSTON
10450 STANCLIFF RD

HOUSTON TX 77099

58GJ3780E/59F2

REF: (261) 500-5615

DEPT:

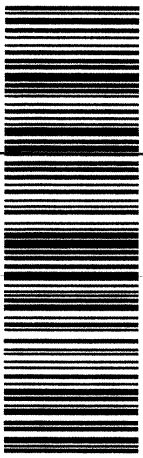


TRK# 8842 7140 0416
0207

THU - 11 SEP 5:00P
STANDARD OVERNIGHT

AB SGRA

77099
TX-US TAH



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2. Place label in shipping pouch and affix it to your shipment.

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**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Kevin Weichert
Talon LPE
2901 S. State Hwy 349
Midland, TX 79706

Project: HOBBS JUNCTION MAINLINE

Project Number: SRS#2003-00017

Location: Lea County, NM

Lab Order Number: 5L12007



Current Certification

Report Date: 12/15/25

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-28	5L12007-01	Water	12/11/25 12:50	12-12-2025 13:30
MW-33	5L12007-02	Water	12/11/25 13:01	12-12-2025 13:30
MW-7	5L12007-03	Water	12/11/25 12:03	12-12-2025 13:30
MW-32	5L12007-04	Water	12/11/25 11:04	12-12-2025 13:30
MW-22	5L12007-05	Water	12/11/25 10:37	12-12-2025 13:30
MW-31	5L12007-06	Water	12/11/25 11:22	12-12-2025 13:30
MW-8	5L12007-07	Water	12/11/25 12:17	12-12-2025 13:30
MW-30	5L12007-08	Water	12/11/25 09:14	12-12-2025 13:30
MW-16	5L12007-09	Water	12/11/25 10:10	12-12-2025 13:30
MW-26	5L12007-10	Water	12/11/25 09:40	12-12-2025 13:30
MW-21	5L12007-11	Water	12/12/25 07:49	12-12-2025 13:30
MW-24	5L12007-12	Water	12/12/25 09:47	12-12-2025 13:30
MW-23	5L12007-13	Water	12/12/25 08:40	12-12-2025 13:30

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-28
5L12007-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 14:48	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 14:48	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 14:48	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 14:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 14:48	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.8 %	80-120		P5L1303	12/13/25 10:18	12/14/25 14:48	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		101 %	80-120		P5L1303	12/13/25 10:18	12/14/25 14:48	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 14:48	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 14:48	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-33

5L12007-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:09	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:09	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.8 %		80-120		P5L1303	12/13/25 10:18	12/14/25 15:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P5L1303	12/13/25 10:18	12/14/25 15:09	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 15:09	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 15:09	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-7
5L12007-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:31	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:31	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:31	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:31	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.3 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 15:31</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		100 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 15:31</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 15:31	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 15:31	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-32
5L12007-04 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
Benzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:53	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 15:53	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.2 %			P5L1303	12/13/25 10:18	12/14/25 15:53	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		101 %			P5L1303	12/13/25 10:18	12/14/25 15:53	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 15:53	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 15:53	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-22
5L12007-05 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
Benzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 16:15	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 16:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 16:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 16:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 16:15	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.5 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 16:15</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.8 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 16:15</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 16:15	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 16:15	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-31
5L12007-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00138	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 17:21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 17:21	EPA 8021B	
Ethylbenzene	0.00127	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 17:21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 17:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 17:21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.6 %	80-120		P5L1303	12/13/25 10:18	12/14/25 17:21	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		100 %	80-120		P5L1303	12/13/25 10:18	12/14/25 17:21	EPA 8021B	
Total BTEX	0.00265	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 17:21	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 17:21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-8
5L12007-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 17:43	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 17:43	EPA 8021B	
Ethylbenzene	0.00250	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 17:43	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 17:43	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 17:43	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 17:43</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		98.9 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 17:43</i>	<i>EPA 8021B</i>	
Total BTEX	0.00250	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 17:43	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 17:43	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-30
5L12007-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0308	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:05	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:05	EPA 8021B	
Ethylbenzene	0.0381	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:05	EPA 8021B	
Xylene (p/m)	0.00567	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:05	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.4 %	80-120		P5L1303	12/13/25 10:18	12/14/25 18:05	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		104 %	80-120		P5L1303	12/13/25 10:18	12/14/25 18:05	EPA 8021B	
Total BTEX	0.0746	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 18:05	EPA 8021B	
Xylenes (total)	0.00567	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 18:05	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-16
5L12007-09 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0375	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:27	EPA 8021B	
Toluene	0.00635	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:27	EPA 8021B	
Ethylbenzene	0.0594	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:27	EPA 8021B	
Xylene (p/m)	0.0183	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:27	EPA 8021B	
Xylene (o)	0.00845	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:27	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.4 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 18:27</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		94.9 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 18:27</i>	<i>EPA 8021B</i>	
Total BTEX	0.130	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 18:27	EPA 8021B	
Xylenes (total)	0.0268	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 18:27	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-26
5L12007-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.44	0.00500	mg/L	5	P5L1303	12/13/25 10:18	12/15/25 10:39	EPA 8021B	
Toluene	0.00106	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:49	EPA 8021B	
Ethylbenzene	0.199	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:49	EPA 8021B	
Xylene (p/m)	0.0445	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 18:49	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		90.9 %	80-120		P5L1303	12/13/25 10:18	12/14/25 18:49	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		102 %	80-120		P5L1303	12/13/25 10:18	12/14/25 18:49	EPA 8021B	
Total BTEX	1.69	0.00100	mg/L	5	[CALC]	12/13/25 10:18	12/15/25 10:39	EPA 8021B	
Xylenes (total)	0.0445	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 18:49	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-21

5L12007-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:11	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.7 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 19:11</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.6 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 19:11</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 19:11	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 19:11	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-24
5L12007-12 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
Benzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:33	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:33	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:33	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.8 %	80-120		P5L1303	12/13/25 10:18	12/14/25 19:33	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.5 %	80-120		P5L1303	12/13/25 10:18	12/14/25 19:33	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 19:33	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 19:33	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-23
5L12007-13 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:55	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:55	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:55	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:55	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L1303	12/13/25 10:18	12/14/25 19:55	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.2 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 19:55</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		100 %			<i>P5L1303</i>	<i>12/13/25 10:18</i>	<i>12/14/25 19:55</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 19:55	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/25 10:18	12/14/25 19:55	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5L1303 - * DEFAULT PREP *****

Blank (P5L1303-BLK1) Prepared: 12/13/25 Analyzed: 12/14/25										
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

LCS (P5L1303-BS1) Prepared: 12/13/25 Analyzed: 12/14/25										
Benzene	0.113	0.00100	mg/L	0.100		113	80-120		20	
Toluene	0.117	0.00100	"	0.100		117	80-120		20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120		20	
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120		20	
Xylene (o)	0.109	0.00100	"	0.100		109	80-120		20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

LCS Dup (P5L1303-BSD1) Prepared: 12/13/25 Analyzed: 12/14/25										
Benzene	0.107	0.00100	mg/L	0.100		107	80-120	5.69	20	
Toluene	0.109	0.00100	"	0.100		109	80-120	7.16	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120	6.47	20	
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120	4.06	20	
Xylene (o)	0.103	0.00100	"	0.100		103	80-120	5.43	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

Calibration Blank (P5L1303-CCB1) Prepared: 12/13/25 Analyzed: 12/14/25										
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.100		"							
Xylene (p/m)	0.240		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5L1303 - * DEFAULT PREP *****

Calibration Blank (P5L1303-CCB2)

Prepared: 12/13/25 Analyzed: 12/14/25

Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.110		"							
Xylene (p/m)	0.220		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

Calibration Check (P5L1303-CCV1)

Prepared: 12/13/25 Analyzed: 12/14/25

Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		104	80-120			

Calibration Check (P5L1303-CCV2)

Prepared: 12/13/25 Analyzed: 12/14/25

Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Calibration Check (P5L1303-CCV3)

Prepared: 12/13/25 Analyzed: 12/14/25

Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5L1303 - * DEFAULT PREP *****

Matrix Spike (P5L1303-MS1)	Source: 5L12001-03			Prepared: 12/13/25 Analyzed: 12/14/25						
Benzene	0.0985	0.00100	mg/L	0.100	ND	98.5	80-120		20	
Toluene	0.100	0.00100	"	0.100	ND	100	80-120		20	
Ethylbenzene	0.0981	0.00100	"	0.100	ND	98.1	80-120		20	
Xylene (p/m)	0.210	0.00200	"	0.200	ND	105	80-120		20	
Xylene (o)	0.0927	0.00100	"	0.100	ND	92.7	80-120		20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

Matrix Spike Dup (P5L1303-MSD1)	Source: 5L12001-03			Prepared: 12/13/25 Analyzed: 12/14/25						
Benzene	0.108	0.00100	mg/L	0.100	ND	108	80-120	9.20	20	
Toluene	0.112	0.00100	"	0.100	ND	112	80-120	10.6	20	
Ethylbenzene	0.109	0.00100	"	0.100	ND	109	80-120	10.8	20	
Xylene (p/m)	0.231	0.00200	"	0.200	ND	116	80-120	9.57	20	
Xylene (o)	0.103	0.00100	"	0.100	ND	103	80-120	10.2	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: HOBBS JUNCTION MAINLINE
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

Notes and Definitions

- ROI Received on Ice
- pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike
- Dup Duplicate



Report Approved By: _____ Date: 12/15/2025

Raland Tuttle, Laboratory Manager/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

L: _____ CH: _____

W: _____
Phone: 432-686-7235

Project Manager: Kevin Weichert

Company Name: Talon LPE

Company Address: 408 Texas St.

City/State/Zip: Artesia, NM 88210

Telephone No: 307-251-2529

Fax No: _____

Sampler Signature: *Bartlett Macley* e-mail: kweichert@talonlpe.com

Project Name: Hobbs Junction Mainline (HJM)

Project #: Plains All American Pipeline

Project Loc: Lea County, NM

PO #: SRS# 2003-00017

Report Format: Standard TRRP NPDES

(lab use only)

ORDER #: 5L12007

Preservation & # of Containers

Matrix

TCLP: _____
TOTAL: _____

Analyze For:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: TX 1005 TX 1006	Anions (Cl, SO ₄ , Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
1	MW-28			12-11-25	12:50		3	3								GW				X	X
2	MW-33			12-11-25	1:01		3	3								GW				X	X
3	MW-7			12-11-25	12:03		3	3								GW				X	X
4	MW-32			12-11-25	11:04		3	3								GW				X	X
5	MW-22			12-11-25	10:37		3	3								GW				X	X
6	MW-31			12-11-25	11:22		3	3								GW				X	X
7	MW-8			12-11-25	12:17		3	3								GW				X	X
8	MW-30			12-11-25	9:14		3	3								GW				X	X
9	MW-16			12-11-25	10:10		3	3								GW				X	X
10	MW-26			12-11-25	9:40		3	3								GW				X	X

Special Instructions: Email Analyticals to: CJBryant@paalp.com, Maochoa@paalp.com, and KHudgens@paalp.com

acquired by: <i>Bartlett Macley</i>	Date: 12-12-25	Time: 10:15	Received by: <i>JKS</i>	Date: 12-12-25	Time: 12:00
acquired by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____

acquired by: <i>JKS</i>	Date: 12-12-25	Time: 18:20	Received by: <i>Funmi Budwe</i>	Date: 12-12-25	Time: 18:20
acquired by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____

Laboratory Comments:

Sample Containers Intact? _____
 VOCs Free of Headspace? _____
 Labels on container(s) _____
 Custody seals on container(s) _____
 Custody seals on cooler(s) _____
 Sample Hand Delivered _____
 by Sampler/Client Rep. ? _____
 by Courier? _____
 Temperature Upon Receipt: _____
 Adjusted: _____
 °C _____
 °F _____
 Thermometer: _____
 FedEx _____
 UPS _____
 DHL _____
 Lone Star _____
 DCF _____
 LC _____

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Kevin Weichert
Talon LPE
2901 S. State Hwy 349
Midland, TX 79706

Project: Hobbs Junction Mainline (HMJ) - MNA

Project Number: SRS#2003-00017

Location: Lea County, NM

Lab Order Number: 5L12006



Current Certification

Report Date: 01/02/26

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-21	5L12006-01	Water	12/12/25 07:49	12-12-2025 13:30
MW-24	5L12006-02	Water	12/12/25 09:47	12-12-2025 13:30
MW-23	5L12006-03	Water	12/12/25 08:40	12-12-2025 13:30

RSK-175, and Dissolved Iron and Manganese analysis were subcontracted to ALS Houston . Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:

https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-21
5L12006-01 (Water)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

Organics by GC

Ethane	0.00321	0.00100	mg/L	1	P5L3014	12/17/25 00:00	12/17/25 11:16	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P5L3014	12/17/25 00:00	12/17/25 11:16	8015M	SUB-13
Methane	1.51	0.0250	mg/L	1	P5L3014	12/17/25 00:00	12/17/25 11:48	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Alkalinity as CaCO3	370	10.0	mg/L	1	P5L1813	12/29/25 14:05	12/29/25 14:05	SM 2320B	O-05, QAL1
Nitrate as N	ND	0.200	mg/L	1	P5L1518	12/12/25 15:00	12/15/25 17:03	EPA 300.0	
Sulfate	56.1	1.00	mg/L	1	P5L1518	12/12/25 15:00	12/15/25 17:03	EPA 300.0	

Dissolved Metals by EPA / Standard Methods

Iron	0.325	0.200	mg/L	1	P5L3014	12/17/25 00:00	12/23/25 10:42	EPA 6020A	SUB-13
Manganese	0.0559	0.00500	mg/L	1	P5L3014	12/17/25 00:00	12/23/25 10:42	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-24
5L12006-02 (Water)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

Organics by GC

Ethane	ND	0.00100	mg/L	1	P5L3014	12/17/25 00:00	12/17/25 11:25	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P5L3014	12/17/25 00:00	12/17/25 11:25	8015M	SUB-13
Methane	0.00105	0.000500	mg/L	1	P5L3014	12/17/25 00:00	12/17/25 11:25	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Alkalinity as CaCO3	260	10.0	mg/L	1	P5L1813	12/29/25 14:05	12/29/25 14:05	SM 2320B	O-05, QAL1
Nitrate as N	1.93	0.200	mg/L	1	P5L1518	12/12/25 15:00	12/15/25 17:38	EPA 300.0	
Sulfate	92.2	1.00	mg/L	1	P5L1518	12/12/25 15:00	12/15/25 17:38	EPA 300.0	

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P5L3014	12/17/25 00:00	12/23/25 10:44	EPA 6020A	SUB-13
Manganese	ND	0.00500	mg/L	1	P5L3014	12/17/25 00:00	12/23/25 10:44	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

MW-23
5L12006-03 (Water)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

Organics by GC

Ethane	ND	0.00100	mg/L	1	P5L3014	12/17/25 00:00	12/17/25 11:35	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P5L3014	12/17/25 00:00	12/17/25 11:35	8015M	SUB-13
Methane	0.363	0.00500	mg/L	1	P5L3014	12/17/25 00:00	12/17/25 11:56	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Alkalinity as CaCO3	320	10.0	mg/L	1	P5L1813	12/29/25 14:05	12/29/25 14:05	SM 2320B	O-05, QAL1
Nitrate as N	0.569	0.200	mg/L	1	P5L1518	12/12/25 15:00	12/15/25 17:56	EPA 300.0	
Sulfate	79.9	1.00	mg/L	1	P5L1518	12/12/25 15:00	12/15/25 17:56	EPA 300.0	

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P5L3014	12/17/25 00:00	12/23/25 10:46	EPA 6020A	SUB-13
Manganese	0.00543	0.00500	mg/L	1	P5L3014	12/17/25 00:00	12/23/25 10:46	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5L1518 - * DEFAULT PREP *****

Blank (P5L1518-BLK1) Prepared: 12/12/25 Analyzed: 12/15/25

Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							

LCS (P5L1518-BS1) Prepared: 12/12/25 Analyzed: 12/15/25

Sulfate	0.00		mg/L	20.0			90-110		10	
Nitrate as N	19.7		"	20.0		98.6	90-110		10	

LCS Dup (P5L1518-BSD1) Prepared: 12/12/25 Analyzed: 12/15/25

Sulfate	14.0		mg/L	20.0		70.2	90-110	200	10	
Nitrate as N	19.8		"	20.0		98.8	90-110	0.253	10	

Calibration Check (P5L1518-CCV1) Prepared: 12/12/25 Analyzed: 12/15/25

Sulfate	0.00		mg/L	20.0			90-110			
Nitrate as N	19.7		"	20.0		98.4	90-110			

Calibration Check (P5L1518-CCV2) Prepared: 12/12/25 Analyzed: 12/15/25

Sulfate	14.3		mg/L	20.0		71.5	90-110			
Nitrate as N	20.1		"	20.0		100	90-110			

Duplicate (P5L1518-DUP1) Source: 5L12006-01 Prepared: 12/12/25 Analyzed: 12/15/25

Sulfate	41.8	1.00	mg/L		56.1			29.3	20	
Nitrate as N	ND	0.200	"		0.102				20	

Batch P5L1813 - * DEFAULT PREP *****

LCS (P5L1813-BS1) Prepared & Analyzed: 12/29/25

Alkalinity as CaCO3	220	10.0	mg/L				80-120		20	O-05, QAL1
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Talon LPE
 2901 S. State Hwy 349
 Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
 Project Number: SRS#2003-00017
 Project Manager: Kevin Weichert

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P5L1813 - * DEFAULT PREP *****

Duplicate (P5L1813-DUP1)

Source: 5L12006-01

Prepared & Analyzed: 12/29/25

Alkalinity as CaCO3	350	10.0	mg/L		370			5.56	200	O-05, QAL1
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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

Notes and Definitions

- SUB-13 Subcontract of analyte/analysis to ALS Houston.
- ROI Received on Ice
- QAL1 The Laboratory is not TNI Certified for this analyte or analysis.
- pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
- O-05 This sample was extracted outside of the EPA recommended holding time.
- NPBEL C Chain of Custody was not generated at PBELAB
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike
- Dup Duplicate



Report Approved By: _____ Date: 1/2/2026

Raland Tuttle, Laboratory Manager/Technical Director

Talon LPE
2901 S. State Hwy 349
Midland TX, 79706

Project: Hobbs Junction Mainline (HMJ) - MNA
Project Number: SRS#2003-00017
Project Manager: Kevin Weichert

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.



10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

December 23, 2025

Sara Gotcher
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS25120713**

Laboratory Results for: **5L12006**

Dear Sara Gotcher,

ALS Environmental received 3 sample(s) on Dec 16, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,



Generated By: JUMOKE.LAWAL
Jessica Monfore
Project Manager

ALS Houston, US

Date: 23-Dec-25

Client: Permian Basin Environmental Lab, LP
Project: 5L12006
Work Order: HS25120713

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS25120713-01	5L12006-01	Water		12-Dec-2025 07:49	16-Dec-2025 10:45	<input type="checkbox"/>
HS25120713-02	5L12006-02	Water		12-Dec-2025 09:47	16-Dec-2025 10:45	<input type="checkbox"/>
HS25120713-03	5L12006-03	Water		12-Dec-2025 08:40	16-Dec-2025 10:45	<input type="checkbox"/>

ALS Houston, US

Date: 23-Dec-25

Client: Permian Basin Environmental Lab, LP
Project: 5L12006
Work Order: HS25120713

CASE NARRATIVE

GC Semivolatiles by Method RSK-175

Batch ID: R528423

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method SW6020A

Batch ID: 236928

Sample ID: HS25120630-02MSD

- MSD is for an unrelated sample
-

ALS Houston, US

Date: 23-Dec-25

Client: Permian Basin Environmental Lab, LP
 Project: 5L12006
 Sample ID: 5L12006-01
 Collection Date: 12-Dec-2025 07:49

ANALYTICAL REPORT
 WorkOrder:HS25120713
 Lab ID:HS25120713-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175				Analyst: RG
Ethane	3.21		1.00	ug/L	1	17-Dec-2025 11:16
Ethene	ND		1.00	ug/L	1	17-Dec-2025 11:16
Methane	1,510		25.0	ug/L	50	17-Dec-2025 11:48
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)			Prep:SW3010A / 22-Dec-2025	Analyst: JC
Iron	0.325		0.200	mg/L	1	23-Dec-2025 10:42
Manganese	0.0559		0.00500	mg/L	1	23-Dec-2025 10:42

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 23-Dec-25

Client: Permian Basin Environmental Lab, LP
 Project: 5L12006
 Sample ID: 5L12006-02
 Collection Date: 12-Dec-2025 09:47

ANALYTICAL REPORT

WorkOrder:HS25120713
 Lab ID:HS25120713-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175				Analyst: RG
Ethane	ND		1.00	ug/L	1	17-Dec-2025 11:25
Ethene	ND		1.00	ug/L	1	17-Dec-2025 11:25
Methane	1.05		0.500	ug/L	1	17-Dec-2025 11:25
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)			Prep:SW3010A / 22-Dec-2025	Analyst: JC
Iron	ND		0.200	mg/L	1	23-Dec-2025 10:44
Manganese	ND		0.00500	mg/L	1	23-Dec-2025 10:44

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 23-Dec-25

Client: Permian Basin Environmental Lab, LP
 Project: 5L12006
 Sample ID: 5L12006-03
 Collection Date: 12-Dec-2025 08:40

ANALYTICAL REPORT

WorkOrder:HS25120713
 Lab ID:HS25120713-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175				Analyst: RG
Ethane	ND		1.00	ug/L	1	17-Dec-2025 11:35
Ethene	ND		1.00	ug/L	1	17-Dec-2025 11:35
Methane	363		5.00	ug/L	10	17-Dec-2025 11:56
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)			Prep:SW3010A / 22-Dec-2025	Analyst: JC
Iron	ND		0.200	mg/L	1	23-Dec-2025 10:46
Manganese	0.00543		0.00500	mg/L	1	23-Dec-2025 10:46

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 23-Dec-25

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP

Project: 5L12006

WorkOrder: HS25120713

Batch ID: 236928	Start Date: 22 Dec 2025 10:30	End Date: 22 Dec 2025 10:30
Method: DISS METALS PREP - WATER - SW3010A		Prep Code: 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25120713-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS25120713-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS25120713-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

ALS Houston, US

Date: 23-Dec-25

Client: Permian Basin Environmental Lab, LP
Project: 5L12006
WorkOrder: HS25120713

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 236928 (0)		Test Name : DISSOLVED METALS BY SW6020A			Matrix: Water	
HS25120713-01	5L12006-01	12 Dec 2025 07:49		22 Dec 2025 10:30	23 Dec 2025 10:42	1
HS25120713-02	5L12006-02	12 Dec 2025 09:47		22 Dec 2025 10:30	23 Dec 2025 10:44	1
HS25120713-03	5L12006-03	12 Dec 2025 08:40		22 Dec 2025 10:30	23 Dec 2025 10:46	1
Batch ID: R528423 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS25120713-01	5L12006-01	12 Dec 2025 07:49			17 Dec 2025 11:48	50
HS25120713-01	5L12006-01	12 Dec 2025 07:49			17 Dec 2025 11:16	1
HS25120713-02	5L12006-02	12 Dec 2025 09:47			17 Dec 2025 11:25	1
HS25120713-03	5L12006-03	12 Dec 2025 08:40			17 Dec 2025 11:56	10
HS25120713-03	5L12006-03	12 Dec 2025 08:40			17 Dec 2025 11:35	1

ALS Houston, US

Date: 23-Dec-25

Client: Permian Basin Environmental Lab, LP
Project: 5L12006
WorkOrder: HS25120713

QC BATCH REPORT

Batch ID: R528423 (0)	Instrument: FID-4	Method: DISSOLVED GASES BY RSK-175
--------------------------------	--------------------------	---

MBLK	Sample ID: MBLK-251217	Units: ug/L	Analysis Date: 17-Dec-2025 10:09							
Client ID:	Run ID: FID-4_528423	SeqNo: 9193689	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Ethane	ND	1.00								
Ethene	ND	1.00								
Methane	ND	0.500								

LCS	Sample ID: LCS-251217	Units: ug/L	Analysis Date: 17-Dec-2025 10:31							
Client ID:	Run ID: FID-4_528423	SeqNo: 9193690	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Ethane	20.98	1.00	18.04	0	116	75 - 125				
Ethene	13.43	1.00	16.8	0	80.0	75 - 125				
Methane	10.72	0.500	9.647	0	111	75 - 125				

LCSD	Sample ID: LCSD-251217	Units: ug/L	Analysis Date: 17-Dec-2025 11:06							
Client ID:	Run ID: FID-4_528423	SeqNo: 9193691	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Ethane	20.97	1.00	18.04	0	116	75 - 125	20.98	0.0524	30	
Ethene	13.33	1.00	16.8	0	79.3	75 - 125	13.43	0.785	30	
Methane	10.95	0.500	9.647	0	113	75 - 125	10.72	2.06	30	

The following samples were analyzed in this batch: HS25120713-01 HS25120713-02 HS25120713-03

ALS Houston, US

Date: 23-Dec-25

Client: Permian Basin Environmental Lab, LP
Project: 5L12006
WorkOrder: HS25120713

QC BATCH REPORT

Batch ID: 236928 (0) **Instrument:** ICPMS06 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

MBLK		Sample ID: MBLK-236928		Units: mg/L		Analysis Date: 23-Dec-2025 10:07			
Client ID:		Run ID: ICPMS06_528794		SeqNo: 9202391		PrepDate: 22-Dec-2025		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	ND	0.200							
Manganese	ND	0.00500							

LCS		Sample ID: LCS-236928		Units: mg/L		Analysis Date: 23-Dec-2025 10:09			
Client ID:		Run ID: ICPMS06_528794		SeqNo: 9202392		PrepDate: 22-Dec-2025		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	4.919	0.200	5	0	98.4	80 - 120			
Manganese	0.04728	0.00500	0.05	0	94.6	80 - 120			

MS		Sample ID: HS25120630-02MS		Units: mg/L		Analysis Date: 23-Dec-2025 10:23			
Client ID:		Run ID: ICPMS06_528794		SeqNo: 9202440		PrepDate: 22-Dec-2025		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	10.13	0.200	5	5.186	98.9	75 - 125			
Manganese	1.778	0.00500	0.05	1.732	92.6	75 - 125			O

MSD		Sample ID: HS25120630-02MSD		Units: mg/L		Analysis Date: 23-Dec-2025 10:25			
Client ID:		Run ID: ICPMS06_528794		SeqNo: 9202441		PrepDate: 22-Dec-2025		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	9.948	0.200	5	5.186	95.2	75 - 125	10.13	1.8	20
Manganese	1.754	0.00500	0.05	1.732	45.6	75 - 125	1.778	1.33	20 SO

PDS		Sample ID: HS25120630-02PDS		Units: mg/L		Analysis Date: 23-Dec-2025 10:27			
Client ID:		Run ID: ICPMS06_528794		SeqNo: 9202442		PrepDate: 22-Dec-2025		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	15.39	0.200	10	5.186	102	75 - 125			

ALS Houston, US

Date: 23-Dec-25

Client: Permian Basin Environmental Lab, LP
Project: 5L12006
WorkOrder: HS25120713

QC BATCH REPORT

Batch ID: 236928 (0)	Instrument: ICPMS06	Method: DISSOLVED METALS BY SW6020A (DISSOLVED)								
PDS	Sample ID: HS25120630-02PDS	Units: mg/L	Analysis Date: 23-Dec-2025 11:36							
Client ID:	Run ID: ICPMS06_528794	SeqNo: 9202729	PrepDate: 22-Dec-2025 DF: 20							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Manganese 3.757 0.100 2 1.779 98.9 75 - 125

SD	Sample ID: HS25120630-02SD	Units: mg/L	Analysis Date: 23-Dec-2025 10:16							
Client ID:	Run ID: ICPMS06_528794	SeqNo: 9202437	PrepDate: 22-Dec-2025 DF: 5							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual

Iron 5.444 1.00 5.186 4.96 10

SD	Sample ID: HS25120630-02SD	Units: mg/L	Analysis Date: 23-Dec-2025 11:34							
Client ID:	Run ID: ICPMS06_528794	SeqNo: 9202728	PrepDate: 22-Dec-2025 DF: 100							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual

Manganese 1.859 0.500 1.779 4.53 10

The following samples were analyzed in this batch: HS25120713-01 HS25120713-02 HS25120713-03

ALS Houston, US

Date: 23-Dec-25

Client: Permian Basin Environmental Lab, LP
Project: 5L12006
WorkOrder: HS25120713

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US

Date: 23-Dec-25

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2026
Arkansas	88-00356_2024	17-Mar-2026
California	2919 - 2025	30-Apr-2026
Dept of Defense	L24-240-R4	30-Apr-2026
Dept of Defense	L24-239-R1	30-Apr-2026
Florida	E87611-2025	30-Jun-2026
Illinois	200032 - 2025	31-Jul-2026
Kansas	KS-C25-00168	31-Jul-2026
Kentucky	123043-2025	30-Apr-2026
Louisiana	03087-2025	30-Jun-2026
Louisiana	LA028	31-Dec-2026
Maine	2024017	23-Jun-2026
Maryland	343-2025-26	30-Jun-2026
Michigan	9971-2025	30-Apr-2026
Minnesota	2856348	31-Dec-2025
Missouri	136	30-Sep-2026
Nebraska	NE-OS-25-13 - 2025	30-Apr-2026
Nevada	NV-C25-00124 - 2025	31-Jul-2026
New Hampshire	209425	24-Apr-2026
New Jersey	TX008-2025	30-Jun-2026
New York	11707 - 2025	01-Apr-2026
North Carolina	624 - 2024	31-Dec-2025
Oklahoma	2023-140	31-Dec-2025
Oregon	TX200002-013	15-May-2026
Pennsylvania	019	01-Jul-2026
Tennessee	TN	30-Apr-2026
Texas	TX-C25-00104	30-Apr-2026
Utah	TX026932025-17	31-Jul-2026

ALS Houston, US

Date: 23-Dec-25

Sample Receipt Checklist

Work Order ID: HS25120713

Date/Time Received: 16-Dec-2025 10:45

Client Name: Permian Basin Lab

Received by: Si Ma

Completed By: /S/ Edgar Zheku	16-Dec-2025 14:09	Reviewed by: /S/ Beverly Mustafa	16-Dec-2025 15:06
eSignature	Date/Time	eSignature	Date/Time

Matrices: **W**

Carrier name: **FedEx**

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- VOA/TX1005/TX1006 Solids in hermetically sealed vials? Yes No Not Present
- Chain of custody present? Yes No 1 Page(s)
- Chain of custody signed when relinquished and received? Yes No
- Samplers name present on COC? 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
- Container/Temp Blank temperature in compliance? Yes No

Temperature(s)/Thermometer(s):	1.5UC/C	IR 34
Cooler(s)/Kit(s):	RED	
Date/Time sample(s) sent to storage:	12/16/2025 14:09	
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted by:		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

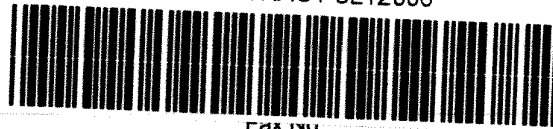
Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland Texas 79701

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Raland Tuttle
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-686-7235

HS25120713

Permian Basin Environmental Lab, LP
SUBCONTRACT 5L12006



Project Name: SUBCONTRACT
Project #:
Project Loc:
PO #:

Report Format: X Standard [] TRRP [] NPDES

Sampler Signature: N/A

e-mail: raland@pbelab.com, sara@pbelab.com, tressa@pbelab.com

Table with columns: ORDER #, LAB #, FIELD CODE, Beginning Depth, Ending Depth, Date Sampled, Time Sampled, Field Filtered, Total #. of Containers, ICE, HNO3 250 poly1, HCl 3 40mL VOA, H2SO4 1 AMBER 500/250POLY, NaOH /Ascorbic Acid 250ML P, Na2S2O3, NONE, 125 ml. amber boston rounds, DW=Drinking Water SL=Sludge, GW = Groundwater S=Soil/Solid, NP=Non-Portable Specify Other, RSK SOP-175, Mn DISS ICP 6010B, Fe DISS ICP 6010B, Analyze For, 24 HOUR RUSH, STANDARD

Please add tressa@pbelab.com AND sara@pbelab.com for WOA's

Wolfram Red Temp 1.5 TRM 34

Table with columns: Relinquished by, Date, Time, Received by, Date, Time, Laboratory Comments (Sample Containers intact?, VOCs Free of Headspace?, Labels on container(s), Custody seals on container(s), Custody seals on cooler(s), Sample Hand Delivered by Sampler/Client Rep.?, by Courier?, UPS, DHL, FedEx, Lone Star, Temperature Upon Receipt, Received, Adjusted, °C, °C Factor)

ORIGIN ID:MAFA (432) 686-7235
TRESSA BLEDSOE
PERMIAN BASIN ENVIRONMENTAL LAB, LP
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US

SHIP DATE: 15DEC25
ACTWGT: 12.00 LB
CAD: 107136848/NET4535
DIMS: 13x9x9 IN
BILL RECIPIENT

TO **SAMPLE RECEIVING**
ALS-HOUSTON
10450 STANCLIFF RD

HOUSTON TX 77099

(281) 530-5615 REF:
INV: DEPT:
PO:

68148075566Z



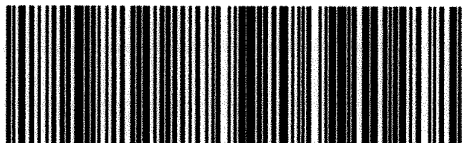
TUE - 16 DEC 5:00P
STANDARD OVERNIGHT

TRK# 8870 9943 5921
0201

AB SGRA

77099

TX-US IAH



After printing this label:
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APPENDIX D

Mann-Kendall Analysis

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 30-Jan-25 Facility Name: Hobbs Junction Mainline Conducted By: Paul Santos	Job ID: 700376.052 Constituent: Benzene Concentration Units: mg/L
--	--

Sampling Point ID:	MW-19	MW-21	MW-22	MW-25		
--------------------	--------------	--------------	--------------	--------------	--	--

Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)			
1	9-Mar-16		1.75	2.05	
2	8-Jun-16		1.74	1.88	
3	21-Sep-16		3.38	3.20	
4	7-Dec-16		5.32	1.28	
5	22-Mar-17		0.371	0.373	
6	24-May-17		11.6	1.23	
7	19-Sep-17	0.283	8.34	0.928	7.91
8	19-Dec-17	0.324	1.96	0.000204	4.59
9	29-Mar-18	0.0389	0.358	0.00392	1.15
10	19-Jun-18	0.0258	1.6	0.00404	1.48
11	19-Sep-18	0.0897	1.18	0.000910	1.40
12	19-Dec-18	0.0106	0.374	0.000240	3.64
13	20-Mar-19	0.00387	1.22	0.00136	2.45
14	27-Jun-19		1.67	0.00447	4.67
15	23-Sep-19		7.46	0.0471	
16	11-Dec-19		1.45	0.0154	
17	25-Mar-20		0.0699	0.0592	0.434
18	24-Jun-20		2.38	0.000204	0.137
19	11-Sep-20		4.55	0.108	0.146
20	3-Dec-20		11.9	0.0302	
21	25-Mar-21		12.9	0.0545	0.170
22	22-Jun-21		0.0383	0.00114	0.00431
23	21-Sep-21	0.00810	5.17	0.00100	0.833
24	15-Dec-21		4.06	0.000754	2.02
25	23-Mar-22	0.011	1.91	0.000204	1.26
26	22-Jun-22	0.0266	0.119	0.000204	0.268
27	7-Sep-22		0.000204	0.000204	0.392
28	29-Dec-22		0.613	0.00291	0.00333
29	24-Mar-23		0.00844		0.0137
30	21-Jun-23		0.00500	0.00500	0.0123
31	26-Sep-23		0.00100	0.00100	0.00140
32	26-Dec-23		0.00100	0.00100	0.00209
33	19-Mar-24		0.213	0.001	0.018
34	17-Jun-24		0.146	<0.00100	0.321
35	18-Sep-24		0.00515	0.001	
36	16-Dec-24		0.001	<0.00100	
37	27-Mar-25		<0.00100	<0.00100	
38	24-Jun-25		<0.00100	<0.00100	
39	9-Sep-25		<0.00100	<0.00100	
40	12-Dec-25		<0.00100	<0.00100	

Coefficient of Variation:	1.46	1.39	2.21	1.47
Mann-Kendall Statistic (S):	-21	-241	-226	-162
Confidence Factor:	96.4%	>99.9%	>99.9%	>99.9%
Concentration Trend:	Decreasing	Decreasing	Decreasing	Decreasing

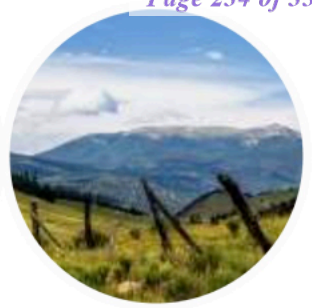
Notes:

- At least four independent sampling events per well are required for calculating the trend. Methodology is valid for 4 to 40 samples.
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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APPENDIX E
2025 MDPE Report



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Mobile Dual Phase Extraction (MDPE) Report

Hobbs Junction Mainline

Lea County, New Mexico

SRS # 2003-00017

NMOCD# AP-054

2025 MDPE Events

Prepared For:

Plains Pipeline, L.P.

333 Clay Street

Suite 1600

Houston, Texas 77002

Prepared By:

Talon/LPE, Ltd.

921 N. Bivins Street

Amarillo, Texas 79107

Distribution:

Copy 1 - Plains Pipeline, L.P. - Midland

Copy 2 - Plains Pipeline, L.P. - Houston

December 31, 2025



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Attachments:

- Attachment 1 - MDPE Field Logs
- Attachment 2 - Laboratory Analytical Results
- Attachment 3 - Oxidizer Charts

I. MDPE SUMMARY REPORT AND WASTE DISPOSITION

A. MDPE Results

The following report summarizes data collected during the twelve (12) 24-hour Mobile Dual Phase Extraction (MDPE) events conducted during 2025 at the Hobbs Junction Mainline site, located in Lea County, New Mexico. The objective of the MDPE treatment was to remove both vapor and liquid phase separated hydrocarbons (PSH) from groundwater monitoring wells. Talon/LPE utilized an MDPE unit which consisted of a Soil Vapor Extraction (SVE) pump capable of generating vacuum up to 25 inHg. Off-gas vapors extracted from the extraction wells were destroyed using a propane-fired 1000-SCFM thermal oxidizer capable of processing 172.96 lbs/hr of gasoline.

A total of 12 days of PSH recovery was performed on MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-8, MW-10, MW-12, and RW-4 during the 2025 events.

Prior to and immediately following the events, the groundwater wells were gauged for groundwater elevation and PSH. Depth to groundwater ranges were measured in feet below the top of casing. Refer to [Attachment 1](#) for a summary of data collected during the MDPE events.

The volume of PSH removed during the MDPE events is shown to reflect the portions of PSH in the liquid phase and as off-gas vapor. Air removal rates were calculated from velocity measurements recorded at the influent manifold prior to entry into the MDPE unit. PSH recovery and air flow data has been detailed and is contained in Table 1 through Table 12. Influent air samples were collected over the course of each event. These samples were submitted for laboratory testing in order to compare the predicted vapor concentrations (based on field-screening or calculated based on fuel consumption) to the actual vapor concentrations. Each influent sample from each event were tested for Total-Gas Analysis (Hydrocarbon Composition) by GPA 2261M. Laboratory analytical results can be found in [Attachment 2](#).

Based on collected field data and reported vapor concentrations, a combined estimated total of **5,523.20 equivalent gallons of hydrocarbons (total)** were removed during the events. The combined volume of hydrocarbons removed was comprised of approximately **2,984.38 gallons of PSH (liquid phase)** and approximately **2,538.82 gallons as off-gas vapor**. The calculations used to estimate the off-gas vapor mass recovered reflect the mass of total hydrocarbons recovered and does not necessarily

equate to an equal mass of the product released. The mass recovery calculations may be affected by variations in the specific gravity of hydrocarbon released, age of release, activity of aerobic and/or anaerobic processes, and site specific geochemical factors.

The cumulative air flow measurements for the MDPE events were calculated using a combination of field data measurements and Preso® B+ manufacturer provided formulas. Air flow rates extracted from the recovery wells averaged **210.01 SCFM during the events.**

B. Air Quality

Influent air samples were collected during each event. These samples were submitted for laboratory testing in order to compare the predicted vapor concentrations (based on field-screening or calculated based on fuel consumption) to the actual vapor concentrations. The maximum influent concentration was recorded as 111,260 ppmv for Hydrocarbon Composition. Laboratory analytical results can be found in [Attachment 2](#).

C. Waste Management and Disposition

A cumulative total of 17,027.91 gallons of fluid were generated during these events. The fluids were temporarily transferred to on-site storage tanks prior to being transferred to an authorized disposal facility.

II. SYSTEM OPERATION DATA AND MASS RECOVERY CALCULATIONS

Formula:

$$\text{Concentration (C_mg/l)} = \frac{\text{C_ppmv} \times \text{Mol. wt. in mg} \times 1000 \times 0.000001}{0.0821 \times \text{Temp (K)}}$$

$$\text{Recovery Rate (lbs/hr)} = \frac{(\text{C_mg/l}) \times 2.2 \times (\text{Flowrate}) \times 60 \times 28.32}{1,000,000}$$

$$\text{Recovery (lbs)} = (\text{lbs/hr}) \times (\text{hrs})$$

$$\text{Correction Factor (CF)} = \frac{\text{PID Reading(ppmv)}}{\text{PID Reading at Time of Laboratory Analysis}}$$

$$\frac{8.34 \text{ lbs}}{\text{gallon water}} \times 0.82 \text{ average specific gravity of light crude} = \frac{6.84 \text{ lbs light crude}}{\text{gallon}}$$

Table 1
System Operation Data and Mass Recovery Calculations 1/9/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)								
19:00	1	34	12	163.31	22.6	133.26	1556	77180	77180	1.00	77180	102.51	51.07	51.07	51.07								
20:00	1	34	12	163.31	22.9	134.14	1550	-	77180	1.00	76882	102.11	51.21	51.21	102.27								
21:00	1	34	12	163.31	23.8	136.75	1521	-	77180	0.98	75444	100.20	51.23	51.23	153.50								
22:00	1	32	12	163.31	23.4	135.87	1519	-	77180	0.98	75345	100.48	51.04	51.04	204.53								
23:00	1	32	12	163.31	23.5	136.16	1509	-	77180	0.97	74849	99.82	50.81	50.81	255.34								
0:00	1	32	14	190.53	62.7	209.66	1515	-	77180	0.97	75146	100.21	78.55	78.55	333.88								
1:00	1	32	16	217.74	65.2	199.96	1517	-	74610	1.02	76424	101.65	75.98	75.98	409.86								
2:00	1	30	16	217.74	66.2	201.90	1501	-	74610	1.01	75618	100.98	76.22	76.22	486.08								
3:00	1	30	16	217.74	66.8	202.81	1499	-	74610	1.01	75517	100.85	76.46	76.46	562.54								
4:00	1	30	16	217.74	67.1	203.26	1495	-	74610	1.01	75315	100.58	76.43	76.43	638.97								
5:00	1	30	16	217.74	67.3	203.57	1492	-	74610	1.01	75164	100.38	76.39	76.39	715.35								
6:00	1	30	16	217.74	67.3	203.57	1481	74610	74610	1.00	74610	99.64	75.82	75.82	791.18								
7:00	1	30	16	217.74	67.5	203.87	1480	-	74610	1.00	74560	99.57	75.88	75.88	867.06								
8:00	1	30	16	217.74	68.5	205.37	1472	-	74610	0.99	74157	99.03	76.03	76.03	943.09								
9:00	1	30	16	217.74	68.9	205.97	1469	-	74610	0.99	74005	98.83	76.10	76.10	1019.19								
10:00	1	34	16	217.74	68.8	204.99	1455	-	74610	0.98	73300	97.10	74.40	74.40	1093.60								
11:00	1	38	16	217.74	69.1	204.61	1421	-	74610	0.96	71587	94.07	71.95	71.95	1165.54								
12:00	1	42	16	217.74	69.7	204.67	1436	-	74610	0.97	72343	94.30	72.15	72.15	1237.69								
13:00	1	46	17	231.35	70.3	197.27	1447	-	80130	1.07	85571	112.03	82.61	82.61	1320.31								
14:00	1	46	17	231.35	70.8	197.97	1429	-	80130	1.05	84506	110.64	81.88	81.88	1402.19								
15:00	1	48	17	231.35	71.8	198.97	1398	-	80130	1.03	82673	107.81	80.19	80.19	1482.37								
16:00	1	44	17	231.35	72.0	200.04	1379	-	80130	1.02	81549	107.19	80.15	80.15	1562.53								
17:00	1	40	17	231.35	72.5	201.53	1355	80130	80130	1.00	80130	106.17	79.98	79.98	1642.51								
18:00	1	38	17	231.35	72.8	202.35	1342	-	80130	0.99	79361	105.57	79.86	79.86	1722.37								
Averages:												35.25	15.3	208.67	59.23	188.69	1468.25					Total	1722.37

PSH Mass Recovered in Vapor Phase = 251.81 gallons

Conversion from ppmv to mg/L (Influent 1)						
Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
77180	29.8902	1	0.0821	34	274.11	102.51

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	1722.37 lbs
PSH Mass Recovered in Liquid Phase =	251.81 gallons
	5005.85 lbs
	731.85 gallons
TOTAL =	6728.22 lbs
	983.66 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	731.85
PSH Mass in Pounds=	5005.85

% Vol. Hydrocarbon to ppmv - Influent 1				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	2.107		21070
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.001		10
Iso-Butane (C4H10)	58.12	0.010		100
N-Butane (C4H10)	58.12	0.084		840
Iso-Pentane (C4H12)	72.15	0.273		2730
N-Pentane (C5H12)	72.15	0.413		4130
Hexane+ (C6H14)	93.19	4.830		48300
Total				77180

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	86.722
Methane (CH4)	16.0425	3.926
Carbon Dioxide (CO2)	44.011	7.470
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.001
Iso-Butane (C4H10)	58.1222	0.005
N-Butane (C4H10)	58.1222	0.043
Iso-Pentane (C4H12)	72.1488	0.113
N-Pentane (C5H12)	72.1488	0.171
Hexane+ (C6H14)	93.1887	1.549
Total		100
Calculated MW		29.8902

% Vol. Hydrocarbon to ppmv - Influent 2				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.900		19000
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.003		30
Iso-Butane (C4H10)	58.12	0.008		80
N-Butane (C4H10)	58.12	0.080		800
Iso-Pentane (C4H12)	72.15	0.254		2540
N-Pentane (C5H12)	72.15	0.370		3700
Hexane+ (C6H14)	93.19	4.846		48460
Total				74610

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	87.866
Methane (CH4)	16.0425	3.531
Carbon Dioxide (CO2)	44.011	6.748
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.002
Iso-Butane (C4H10)	58.1222	0.004
N-Butane (C4H10)	58.1222	0.041
Iso-Pentane (C4H12)	72.1488	0.105
N-Pentane (C5H12)	72.1488	0.153
Hexane+ (C6H14)	93.1887	1.550
Total		100
Calculated MW		29.8105

% Vol. Hydrocarbon to ppmv - Influent 3				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	2.231		22310
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.003		30
Iso-Butane (C4H10)	58.12	0.015		150
N-Butane (C4H10)	58.12	0.114		1140
Iso-Pentane (C4H12)	72.15	0.342		3420
N-Pentane (C5H12)	72.15	0.476		4760
Hexane+ (C6H14)	93.19	4.830		48300
Total				80130

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	84.608
Methane (CH4)	16.0425	4.196
Carbon Dioxide (CO2)	44.011	9.220
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.002
Iso-Butane (C4H10)	58.1222	0.008
N-Butane (C4H10)	58.1222	0.059
Iso-Pentane (C4H12)	72.1488	0.143
N-Pentane (C5H12)	72.1488	0.200
Hexane+ (C6H14)	93.1887	1.564
Total		100
Calculated MW		30.1795

Table 2
System Operation Data and Mass Recovery Calculations 2/13/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppmv)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
18:30	1	44	15	204.14	43.9	167.82	889	47310	47310	1.00	47310	59.44	37.29	37.29	37.29
19:30	1	44	15	204.14	43.7	167.43	881	-	47310	0.99	46884	58.90	36.87	36.87	74.15
20:30	1	38	15	204.14	44.1	169.21	876	-	47310	0.99	46618	59.27	37.49	37.49	111.65
21:30	1	34	15	204.14	45.8	173.14	869	-	47310	0.98	46246	59.28	38.37	38.37	150.01
22:30	1	32	15	204.14	46.3	174.43	855	-	47310	0.96	45501	58.56	38.18	38.18	188.20
23:30	1	30	15	204.14	46.4	174.98	840	-	47310	0.94	44702	57.77	37.79	37.79	225.98
0:30	1	30	15	204.14	46.5	175.17	826	-	55620	1.12	62337	80.94	53.00	53.00	278.98
1:30	1	30	15	204.14	46.9	175.92	801	-	55620	1.09	60450	78.49	51.61	51.61	330.59
2:30	1	30	15	204.14	46.8	175.73	792	-	55620	1.07	59771	77.60	50.98	50.98	381.57
3:30	1	30	15	204.14	47.1	176.29	775	-	55620	1.05	58488	75.94	50.04	50.04	431.62
4:30	1	30	15	204.14	47.2	176.48	749	-	55620	1.02	56526	73.39	48.42	48.42	480.04
5:30	1	30	15	204.14	47.3	176.67	737	55620	55620	1.00	55620	72.21	47.69	47.69	527.73
6:30	1	30	15	204.14	47.5	177.04	730	-	55620	0.99	55092	71.53	47.34	47.34	575.07
7:30	1	32	15	204.14	47.5	176.68	727	-	55620	0.99	54865	70.94	46.86	46.86	621.92
8:30	1	34	15	204.14	47.9	177.06	723	-	55620	0.98	54563	70.27	46.51	46.51	668.43
9:30	1	40	15	204.14	48.1	176.36	718	-	55620	0.97	54186	68.94	45.45	45.45	713.89
10:30	1	42	15	204.14	48.5	176.74	711	-	55620	0.96	53658	68.00	44.93	44.93	758.81
11:30	1	48	15	204.14	48.4	175.51	709	-	55620	0.96	53507	67.01	43.96	43.96	802.78
12:30	1	50	15	204.14	48.6	175.53	705	-	80420	1.05	84244	106.03	69.57	69.57	872.35
13:30	1	50	15	204.14	48.7	175.71	693	-	80420	1.03	82810	104.22	68.46	68.46	940.81
14:30	1	52	15	204.14	49.2	176.27	682	-	80420	1.01	81495	102.17	67.32	67.32	1008.13
15:30	1	52	15	204.14	49.6	176.98	679	-	80420	1.01	81137	101.72	67.30	67.30	1075.43
16:30	1	54	15	204.14	49.7	176.81	673	80420	80420	1.00	80420	100.43	66.38	66.38	1141.81
17:30	1	56	15	204.14	49.9	176.83	659	-	80420	0.98	78747	97.96	64.75	64.75	1206.56
Averages:		39.25	15.0	204.14	47.32	175.03	762.46						Total	1206.56	

PSH Mass Recovered in Vapor Phase = 176.40 gallons

Conversion from ppmv to mg/L (Influent 1)						
Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
47310	28.8458	1	0.0821	44	279.67	59.44

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	1206.56 lbs
PSH Mass Recovered in Liquid Phase =	176.40 gallons
	1272.99 lbs
	186.11 gallons
TOTAL =	2479.55 lbs
	362.51 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	186.11
PSH Mass in Pounds=	1272.99

% Vol. Hydrocarbon to ppmv - Influent 1					Molecular Weight Calculations		
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	1.612		16120	Nitrogen (N2)	28.016	92.462
Ethane (C2H6)	30.07	0.000		0	Methane (CH4)	16.0425	2.898
Propane (C3H8)	44.10	0.005		50	Carbon Dioxide (CO2)	44.011	3.584
Iso-Butane (C4H10)	58.12	0.014		140	Ethane (C2H6)	30.069	0.000
N-Butane (C4H10)	58.12	0.117		1170	Propane (C3H8)	44.0956	0.003
Iso-Pentane (C4H12)	72.15	0.340		3400	Iso-Butane (C4H10)	58.1222	0.007
N-Pentane (C5H12)	72.15	0.378		3780	N-Butane (C4H10)	58.1222	0.058
Hexane+ (C6H14)	93.19	2.265		22650	Iso-Pentane (C4H12)	72.1488	0.136
				Total	N-Pentane (C5H12)	72.1488	0.151
				47310	Hexane+ (C6H14)	93.1887	0.701
					Total	100	
					Calculated MW	28.8458	

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

% Vol. Hydrocarbon to ppmv - Influent 2					Molecular Weight Calculations		
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	2.035		20350	Nitrogen (N2)	28.016	90.602
Ethane (C2H6)	30.07	0.000		0	Methane (CH4)	16.0425	3.676
Propane (C3H8)	44.10	0.003		30	Carbon Dioxide (CO2)	44.011	4.514
Iso-Butane (C4H10)	58.12	0.016		160	Ethane (C2H6)	30.069	0.000
N-Butane (C4H10)	58.12	0.138		1380	Propane (C3H8)	44.0956	0.002
Iso-Pentane (C4H12)	72.15	0.393		3930	Iso-Butane (C4H10)	58.1222	0.008
N-Pentane (C5H12)	72.15	0.495		4950	N-Butane (C4H10)	58.1222	0.069
Hexane+ (C6H14)	93.19	2.482		24820	Iso-Pentane (C4H12)	72.1488	0.158
				Total	N-Pentane (C5H12)	72.1488	0.199
				55620	Hexane+ (C6H14)	93.1887	0.772
					Total	100	
					Calculated MW	28.9821	

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

% Vol. Hydrocarbon to ppmv - Influent 3					Molecular Weight Calculations		
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	3.332		33320	Nitrogen (N2)	28.016	85.909
Ethane (C2H6)	30.07	0.000		0	Methane (CH4)	16.0425	6.074
Propane (C3H8)	44.10	0.005		50	Carbon Dioxide (CO2)	44.011	6.414
Iso-Butane (C4H10)	58.12	0.016		160	Ethane (C2H6)	30.069	0.000
N-Butane (C4H10)	58.12	0.147		1470	Propane (C3H8)	44.0956	0.003
Iso-Pentane (C4H12)	72.15	0.405		4050	Iso-Butane (C4H10)	58.1222	0.008
N-Pentane (C5H12)	72.15	0.612		6120	N-Butane (C4H10)	58.1222	0.074
Hexane+ (C6H14)	93.19	3.525		35250	Iso-Pentane (C4H12)	72.1488	0.164
				Total	N-Pentane (C5H12)	72.1488	0.248
				80420	Hexane+ (C6H14)	93.1887	1.106
					Total	100	
					Calculated MW	29.2425	

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Table 3
System Operation Data and Mass Recovery Calculations 3/11/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
14:00	1	80	7	95.26	10.2	96.81	1751	85330	85330	1.00	85330	103.54	37.47	37.47	37.47
15:00	1	82	7	95.26	11.3	101.71	1726	-	85330	0.99	84112	101.69	38.67	38.67	76.14
16:00	1	82	6	81.65	16.2	124.41	1701	-	85330	0.97	82893	100.22	46.61	46.61	122.75
17:00	1	82	10	136.09	18.7	122.00	1683	-	85330	0.96	82016	99.16	45.22	45.22	167.97
18:00	1	82	10	136.09	18.4	121.02	1657	-	85330	0.95	80749	97.62	44.16	44.16	212.13
19:00	1	76	9	122.48	18.1	123.68	1628	-	85330	0.93	79336	96.99	44.84	44.84	256.98
20:00	1	70	9	122.48	17.9	123.69	1611	-	89750	1.02	91743	113.82	52.63	52.63	309.60
21:00	1	68	9	122.48	17.6	122.88	1636	-	89750	1.04	93167	116.02	53.30	53.30	362.90
22:00	1	62	8	108.87	17.5	126.14	1607	-	89750	1.02	91515	115.28	54.36	54.36	417.26
23:00	1	60	8	108.87	17.9	127.82	1592	-	89750	1.01	90661	114.64	54.78	54.78	472.04
0:00	1	58	8	108.87	17.6	126.99	1584	-	89750	1.01	90206	114.51	54.36	54.36	526.39
1:00	1	56	8	108.87	17.4	126.51	1576	89750	89750	1.00	89750	114.37	54.09	54.09	580.48
2:00	1	54	8	108.87	17.8	128.20	1551	-	89750	0.98	88326	112.99	54.15	54.15	634.63
3:00	1	52	8	108.87	18.3	130.24	1538	-	89750	0.98	87586	112.49	54.77	54.77	689.40
4:00	1	52	8	108.87	18.0	129.17	1547	-	89750	0.98	88099	113.14	54.63	54.63	744.04
5:00	1	50	8	108.87	18.2	130.14	1561	-	89750	0.99	88896	114.62	55.76	55.76	799.80
6:00	1	50	8	108.87	17.9	129.07	1589	-	89750	1.01	90490	116.67	56.29	56.29	856.09
7:00	1	50	8	108.87	18.3	130.50	1607	-	89750	1.02	91515	117.99	57.56	57.56	913.65
8:00	1	54	8	108.87	18.1	129.28	1636	-	82930	1.01	83801	106.65	51.54	51.54	965.19
9:00	1	58	8	108.87	17.9	128.07	1627	-	82930	1.00	83340	105.25	50.39	50.39	1015.58
10:00	1	66	8	108.87	17.8	126.73	1607	-	82930	0.99	82315	102.37	48.50	48.50	1064.08
11:00	1	70	8	108.87	18.1	127.31	1593	-	82930	0.98	81598	100.71	47.93	47.93	1112.01
12:00	1	72	8	108.87	18.5	128.47	1619	82930	82930	1.00	82930	101.97	48.97	48.97	1160.98
13:00	1	72	8	108.87	18.3	127.77	1601	-	82930	0.99	82008	100.84	48.16	48.16	1209.14
Averages:		64.92	8.1	110.57	17.33	124.53	1617.83						Total	1209.14	

PSH Mass Recovered in Vapor Phase = 176.77 gallons

Conversion from ppmv to mg/L (Influent 1)						
Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
85330	29.8543	1	0.0821	80	299.67	103.54

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	1209.14 lbs
PSH Mass Recovered in Liquid Phase =	176.77 gallons
	1074.22 lbs
	157.05 gallons
TOTAL =	2283.36 lbs
	333.82 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	157.05
PSH Mass in Pounds=	1074.22

% Vol. Hydrocarbon to ppmv - Influent 1				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	2.768		27680
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.006		60
Iso-Butane (C4H10)	58.12	0.021		210
N-Butane (C4H10)	58.12	0.144		1440
Iso-Pentane (C4H12)	72.15	0.348		3480
N-Pentane (C5H12)	72.15	0.510		5100
Hexane+ (C6H14)	93.19	4.736		47360
Total				85330

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	84.864
Methane (CH4)	16.0425	5.151
Carbon Dioxide (CO2)	44.011	8.024
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.004
Iso-Butane (C4H10)	58.1222	0.011
N-Butane (C4H10)	58.1222	0.074
Iso-Pentane (C4H12)	72.1488	0.144
N-Pentane (C5H12)	72.1488	0.211
Hexane+ (C6H14)	93.1887	1.517
Total		100
Calculated MW		29.8543

% Vol. Hydrocarbon to ppmv - Influent 2				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	3.114		31140
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.007		70
Iso-Butane (C4H10)	58.12	0.027		270
N-Butane (C4H10)	58.12	0.161		1610
Iso-Pentane (C4H12)	72.15	0.383		3830
N-Pentane (C5H12)	72.15	0.564		5640
Hexane+ (C6H14)	93.19	4.719		47190
Total				89750

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	83.142
Methane (CH4)	16.0425	5.814
Carbon Dioxide (CO2)	44.011	9.032
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.005
Iso-Butane (C4H10)	58.1222	0.014
N-Butane (C4H10)	58.1222	0.083
Iso-Pentane (C4H12)	72.1488	0.159
N-Pentane (C5H12)	72.1488	0.234
Hexane+ (C6H14)	93.1887	1.517
Total		100
Calculated MW		29.9566

% Vol. Hydrocarbon to ppmv - Influent 3				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	2.561		25610
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.009		90
Iso-Butane (C4H10)	58.12	0.020		200
N-Butane (C4H10)	58.12	0.140		1400
Iso-Pentane (C4H12)	72.15	0.344		3440
N-Pentane (C5H12)	72.15	0.494		4940
Hexane+ (C6H14)	93.19	4.725		47250
Total				82930

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	85.841
Methane (CH4)	16.0425	4.757
Carbon Dioxide (CO2)	44.011	7.457
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.006
Iso-Butane (C4H10)	58.1222	0.010
N-Butane (C4H10)	58.1222	0.072
Iso-Pentane (C4H12)	72.1488	0.142
N-Pentane (C5H12)	72.1488	0.204
Hexane+ (C6H14)	93.1887	1.511
Total		100
Calculated MW		29.8023

Table 4
System Operation Data and Mass Recovery Calculations 4/22/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
15:00	1	92	15	204.14	87.4	226.26	1855	108440	108440	1.00	108440	130.91	110.72	110.72	110.72
16:00	1	92	15	204.14	91.2	231.13	1836	-	108440	0.99	107329	129.57	111.95	111.95	222.67
17:00	1	90	15	204.14	92.6	233.32	1820	-	108440	0.98	106394	128.90	112.43	112.43	335.10
18:00	1	86	15	204.14	93.8	235.68	1804	-	108440	0.97	105459	128.71	113.40	113.40	448.49
19:00	1	82	15	204.14	95.1	238.18	1785	-	108440	0.96	104348	128.29	114.23	114.23	562.73
20:00	1	80	15	204.14	96.9	240.87	1763	-	108440	0.95	103062	127.18	114.52	114.52	677.24
21:00	1	76	15	204.14	96.3	241.02	1789	-	108270	1.03	111833	138.93	125.17	125.17	802.42
22:00	1	70	14	190.53	95.7	249.57	1801	-	108270	1.04	112583	141.45	131.96	131.96	934.38
23:00	1	70	14	190.53	94.7	248.26	1777	-	108270	1.03	111083	139.56	129.52	129.52	1063.90
0:00	1	68	14	190.53	93.4	247.02	1743	-	108270	1.01	108958	137.41	126.89	126.89	1190.79
1:00	1	64	14	190.53	92.8	247.16	1752	-	108270	1.01	109520	139.18	128.59	128.59	1319.38
2:00	1	62	14	190.53	91.4	245.76	1732	108270	108270	1.00	108270	138.12	126.89	126.89	1446.27
3:00	1	62	14	190.53	91.6	246.03	1719	-	108270	0.99	107457	137.08	126.07	126.07	1572.34
4:00	1	62	14	190.53	91.1	245.35	1704	-	108270	0.98	106520	135.88	124.63	124.63	1696.97
5:00	1	62	14	190.53	91.0	245.22	1689	-	108270	0.98	105582	134.69	123.47	123.47	1820.44
6:00	1	62	14	190.53	90.8	244.95	1673	-	108270	0.97	104582	133.41	122.16	122.16	1942.60
7:00	1	62	14	190.53	90.5	244.55	1696	-	108270	0.98	106020	135.24	123.64	123.64	2066.24
8:00	1	64	15	204.14	90.2	235.92	1705	-	108270	0.98	106582	135.44	119.45	119.45	2185.69
9:00	1	70	15	204.14	90.7	235.23	1721	-	111260	0.97	107936	135.80	119.41	119.41	2305.10
10:00	1	74	15	204.14	90.9	234.60	1746	-	111260	0.98	109504	136.74	119.92	119.92	2425.01
11:00	1	76	15	204.14	91.4	234.81	1732	-	111260	0.98	108626	135.13	118.61	118.61	2543.63
12:00	1	78	15	204.14	91.1	233.98	1760	-	111260	0.99	110382	136.81	119.66	119.66	2663.29
13:00	1	78	15	204.14	91.2	234.11	1774	111260	111260	1.00	111260	137.89	120.68	120.68	2783.97
14:00	1	80	15	204.14	91.5	234.06	1785	-	111260	1.01	111950	138.23	120.95	120.95	2904.93
Averages:		73.42	14.6	198.46	92.22	239.71	1756.71						Total	2904.93	

PSH Mass Recovered in Vapor Phase = 424.70 gallons

Conversion from ppmv to mg/L (Influent 1)						
Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
108440	30.3607	1	0.0821	92	306.33	130.91

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	2904.93 lbs
PSH Mass Recovered in Liquid Phase =	424.70 gallons
	1178.40 lbs
	172.28 gallons
TOTAL =	4083.32 lbs
	596.98 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	172.28
PSH Mass in Pounds=	1178.40

% Vol. Hydrocarbon to ppmv - Influent 1				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	2.062		20620
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.003		30
Iso-Butane (C4H10)	58.12	0.015		150
N-Butane (C4H10)	58.12	0.119		1190
Iso-Pentane (C4H12)	72.15	0.378		3780
N-Pentane (C5H12)	72.15	0.587		5870
Hexane+ (C6H14)	93.19	7.680		76800
Total				108440

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	86.985
Methane (CH4)	16.0425	3.903
Carbon Dioxide (CO2)	44.011	6.132
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.002
Iso-Butane (C4H10)	58.1222	0.008
N-Butane (C4H10)	58.1222	0.062
Iso-Pentane (C4H12)	72.1488	0.159
N-Pentane (C5H12)	72.1488	0.247
Hexane+ (C6H14)	93.1887	2.502
Total		100
Calculated MW		30.3607

% Vol. Hydrocarbon to ppmv - Influent 2				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	2.214		22140
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.003		30
Iso-Butane (C4H10)	58.12	0.013		130
N-Butane (C4H10)	58.12	0.125		1250
Iso-Pentane (C4H12)	72.15	0.383		3830
N-Pentane (C5H12)	72.15	0.599		5990
Hexane+ (C6H14)	93.19	7.490		74900
Total				108270

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	86.452
Methane (CH4)	16.0425	4.187
Carbon Dioxide (CO2)	44.011	6.436
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.002
Iso-Butane (C4H10)	58.1222	0.007
N-Butane (C4H10)	58.1222	0.065
Iso-Pentane (C4H12)	72.1488	0.161
N-Pentane (C5H12)	72.1488	0.252
Hexane+ (C6H14)	93.1887	2.438
Total		100
Calculated MW		30.3373

% Vol. Hydrocarbon to ppmv - Influent 3				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	2.350		23500
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.004		40
Iso-Butane (C4H10)	58.12	0.015		150
N-Butane (C4H10)	58.12	0.124		1240
Iso-Pentane (C4H12)	72.15	0.394		3940
N-Pentane (C5H12)	72.15	0.606		6060
Hexane+ (C6H14)	93.19	7.633		76330
Total				111260

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	85.899
Methane (CH4)	16.0425	4.450
Carbon Dioxide (CO2)	44.011	6.666
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.003
Iso-Butane (C4H10)	58.1222	0.008
N-Butane (C4H10)	58.1222	0.065
Iso-Pentane (C4H12)	72.1488	0.166
N-Pentane (C5H12)	72.1488	0.255
Hexane+ (C6H14)	93.1887	2.488
Total		100
Calculated MW		30.3792

Table 5
System Operation Data and Mass Recovery Calculations 5/27/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
15:30	1	86	12	163.31	63.2	211.97	2011	66980	66980	1.00	66980	79.62	63.09	63.09	63.09
16:30	1	84	13	176.92	82.1	235.20	1996	-	66980	0.99	66480	79.31	69.74	69.74	132.82
17:30	1	82	14	190.53	86.2	234.22	1973	-	66980	0.98	65714	78.69	68.90	68.90	201.72
18:30	1	80	14	190.53	87.7	236.69	1921	-	66980	0.96	63982	76.90	68.04	68.04	269.76
19:30	1	80	15	204.14	88.3	229.93	1943	-	66980	0.97	64715	77.78	66.86	66.86	336.62
20:30	1	78	15	204.14	89.5	231.92	1936	-	66980	0.96	64482	77.79	67.44	67.44	404.06
21:30	1	76	15	204.14	90.1	233.13	1915	-	76840	1.03	79497	97.31	84.81	84.81	488.87
22:30	1	72	15	204.14	90.4	234.39	1901	-	76840	1.03	78916	97.33	85.28	85.28	574.15
23:30	1	70	15	204.14	90.9	235.49	1876	-	76840	1.01	77878	96.41	84.87	84.87	659.02
0:30	1	68	15	204.14	90.6	235.54	1861	-	76840	1.01	77255	96.00	84.53	84.53	743.54
1:30	1	64	15	204.14	91.8	238.00	1870	-	76840	1.01	77629	97.20	86.48	86.48	830.03
2:30	1	64	15	204.14	92.3	238.65	1851	76840	76840	1.00	76840	96.21	85.83	85.83	915.86
3:30	1	64	15	204.14	92.6	239.03	1832	-	76840	0.99	76051	95.23	85.09	85.09	1000.95
4:30	1	62	15	204.14	92.7	239.62	1826	-	76840	0.99	75802	95.28	85.35	85.35	1086.30
5:30	1	60	15	204.14	92.1	239.30	1847	-	76840	1.00	76674	96.75	86.55	86.55	1172.84
6:30	1	60	15	204.14	92.9	240.34	1879	-	76840	1.02	78002	98.42	88.43	88.43	1261.27
7:30	1	60	15	204.14	93.3	240.86	1885	-	76840	1.02	78251	98.74	88.90	88.90	1350.17
8:30	1	60	15	204.14	93.0	240.47	1852	-	76840	1.00	76882	97.01	87.20	87.20	1437.37
9:30	1	62	15	204.14	92.7	239.62	1879	-	71290	0.98	69659	87.14	78.06	78.06	1515.43
10:30	1	72	15	204.14	92.6	237.23	1890	-	71290	0.98	70067	86.00	76.27	76.27	1591.70
11:30	1	78	15	204.14	92.4	235.65	1907	-	71290	0.99	70697	85.81	75.59	75.59	1667.29
12:30	1	80	15	204.14	92.9	235.85	1915	-	71290	1.00	70993	85.85	75.69	75.69	1742.98
13:30	1	80	15	204.14	93.0	235.97	1923	71290	71290	1.00	71290	86.21	76.04	76.04	1819.02
14:30	1	82	15	204.14	93.1	235.66	1936	-	71290	1.01	71772	86.47	76.18	76.18	1895.20
Averages:		71.83	14.7	200.17	89.85	235.61	1901.04						Total	1895.20	

PSH Mass Recovered in Vapor Phase = 277.08 gallons

Conversion from ppmv to mg/L (Influent 1)						
Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
66980	29.5700	1	0.0821	86	303.00	79.62

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	1895.20 lbs
PSH Mass Recovered in Liquid Phase =	277.08 gallons
	3026.84 lbs
	442.52 gallons
TOTAL =	4922.03 lbs
	719.60 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	442.52
PSH Mass in Pounds=	3026.84

% Vol. Hydrocarbon to ppmv - Influent 1				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.354		1354.00
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.006		60
Iso-Butane (C4H10)	58.12	0.016		160
N-Butane (C4H10)	58.12	0.094		940
Iso-Pentane (C4H12)	72.15	0.237		2370
N-Pentane (C5H12)	72.15	0.361		3610
Hexane+ (C6H14)	93.19	4.630		46300
Total				66980

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	90.919
Methane (CH4)	16.0425	2.495
Carbon Dioxide (CO2)	44.011	4.812
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.004
Iso-Butane (C4H10)	58.1222	0.008
N-Butane (C4H10)	58.1222	0.048
Iso-Pentane (C4H12)	72.1488	0.097
N-Pentane (C5H12)	72.1488	0.148
Hexane+ (C6H14)	93.1887	1.469
Total		100
Calculated MW		29.5700

% Vol. Hydrocarbon to ppmv - Influent 2				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.558		15580
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.007		70
Iso-Butane (C4H10)	58.12	0.018		180
N-Butane (C4H10)	58.12	0.113		1130
Iso-Pentane (C4H12)	72.15	0.285		2850
N-Pentane (C5H12)	72.15	0.422		4220
Hexane+ (C6H14)	93.19	5.281		52810
Total				76840

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	88.979
Methane (CH4)	16.0425	2.902
Carbon Dioxide (CO2)	44.011	6.060
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.005
Iso-Butane (C4H10)	58.1222	0.009
N-Butane (C4H10)	58.1222	0.058
Iso-Pentane (C4H12)	72.1488	0.118
N-Pentane (C5H12)	72.1488	0.175
Hexane+ (C6H14)	93.1887	1.694
Total		100
Calculated MW		29.8921

% Vol. Hydrocarbon to ppmv - Influent 3				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.384		13840
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.004		40
Iso-Butane (C4H10)	58.12	0.018		180
N-Butane (C4H10)	58.12	0.109		1090
Iso-Pentane (C4H12)	72.15	0.276		2760
N-Pentane (C5H12)	72.15	0.410		4100
Hexane+ (C6H14)	93.19	4.928		49280
Total				71290

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	90.063
Methane (CH4)	16.0425	2.566
Carbon Dioxide (CO2)	44.011	5.447
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.003
Iso-Butane (C4H10)	58.1222	0.009
N-Butane (C4H10)	58.1222	0.056
Iso-Pentane (C4H12)	72.1488	0.114
N-Pentane (C5H12)	72.1488	0.169
Hexane+ (C6H14)	93.1887	1.573
Total		100
Calculated MW		29.7501

Table 6
System Operation Data and Mass Recovery Calculations 6/3/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
17:30	1	98	16	217.74	87.1	217.01	2276	37430	37430	1.00	37430	42.38	34.38	34.38	34.38
18:30	1	92	16	217.74	86.2	217.06	2253	-	37430	0.99	37052	42.40	34.41	34.41	68.79
19:30	1	90	16	217.74	85.7	216.82	2220	-	37430	0.98	36509	41.94	33.99	33.99	102.78
20:30	1	86	16	217.74	85.1	216.85	2205	-	37430	0.97	36262	41.96	34.01	34.01	136.79
21:30	1	78	16	217.74	84.8	218.07	2217	-	37430	0.97	36460	42.81	34.90	34.90	171.69
22:30	1	74	16	217.74	84.2	218.11	2236	-	37430	0.98	36772	43.50	35.47	35.47	207.16
23:30	1	70	16	217.74	83.6	218.15	2248	-	80520	1.03	83337	102.61	83.68	83.68	290.84
0:30	1	68	16	217.74	82.5	217.12	2225	-	80520	1.02	82485	101.94	82.74	82.74	373.58
1:30	1	64	16	217.74	81.7	216.89	2203	-	80520	1.01	81669	101.71	82.46	82.46	456.04
2:30	1	60	16	217.74	80.3	215.85	2185	-	80520	1.01	81002	101.65	82.02	82.02	538.07
3:30	1	60	16	217.74	80.5	216.12	2179	-	80520	1.00	80780	101.37	81.90	81.90	619.97
4:30	1	60	16	217.74	80.8	216.52	2172	80520	80520	1.00	80520	101.05	81.79	81.79	701.76
5:30	1	58	16	217.74	81.2	217.48	2154	-	80520	0.99	79853	100.60	81.78	81.78	783.54
6:30	1	58	16	217.74	81.7	218.14	2136	-	80520	0.98	79185	99.76	81.35	81.35	864.89
7:30	1	58	16	217.74	81.5	217.88	2120	-	80520	0.98	78592	99.01	80.64	80.64	945.53
8:30	1	58	16	217.74	81.4	217.74	2109	-	80520	0.97	78184	98.50	80.17	80.17	1025.70
9:30	1	58	16	217.74	81.1	217.34	2094	-	80520	0.96	77628	97.80	79.46	79.46	1105.16
10:30	1	64	16	217.74	80.8	215.69	2077	-	80520	0.96	76998	95.89	77.32	77.32	1182.47
11:30	1	68	16	217.74	81.3	215.54	2054	-	68800	1.01	69613	85.34	68.76	68.76	1251.24
12:30	1	70	16	217.74	81.5	215.40	2063	-	68800	1.02	69918	85.39	68.76	68.76	1320.00
13:30	1	76	16	217.74	81.6	214.32	2049	-	68800	1.01	69444	83.86	67.19	67.19	1387.19
14:30	1	78	16	217.74	81.9	214.31	2038	-	68800	1.00	69071	83.10	66.58	66.58	1453.77
15:30	1	82	16	217.74	82.3	214.04	2030	68800	68800	1.00	68800	82.17	65.74	65.74	1519.51
16:30	1	86	16	217.74	82.1	213.00	2021	-	68800	1.00	68495	81.20	64.66	64.66	1584.17
Averages:		71.42	16.0	217.74	82.54	216.48	2148.50					Total		1584.17	

PSH Mass Recovered in Vapor Phase = 231.60 gallons

Conversion from ppmv to mg/L (Influent 1)						
Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
37430	28.7830	1	0.0821	98	309.67	42.38

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	1584.17 lbs
PSH Mass Recovered in Liquid Phase =	231.60 gallons
	2592.70 lbs
	379.05 gallons
TOTAL =	4176.87 lbs
	610.65 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	379.05
PSH Mass in Pounds=	2592.70

% Vol. Hydrocarbon to ppmv - Influent 1				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.378		3780
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.002		20
N-Butane (C4H10)	58.12	0.028		280
Iso-Pentane (C4H12)	72.15	0.125		1250
N-Pentane (C5H12)	72.15	0.196		1960
Hexane+ (C6H14)	93.19	3.014		30140
Total				37430

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	97.120
Methane (CH4)	16.0425	0.678
Carbon Dioxide (CO2)	44.011	1.128
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.001
N-Butane (C4H10)	58.1222	0.014
Iso-Pentane (C4H12)	72.1488	0.050
N-Pentane (C5H12)	72.1488	0.078
Hexane+ (C6H14)	93.1887	0.931
Total		100
Calculated MW		28.7830

% Vol. Hydrocarbon to ppmv - Influent 2				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.315		13150
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.010		100
N-Butane (C4H10)	58.12	0.072		720
Iso-Pentane (C4H12)	72.15	0.284		2840
N-Pentane (C5H12)	72.15	0.437		4370
Hexane+ (C6H14)	93.19	5.934		59340
Total				80520

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	91.403
Methane (CH4)	16.0425	2.437
Carbon Dioxide (CO2)	44.011	3.928
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.005
N-Butane (C4H10)	58.1222	0.037
Iso-Pentane (C4H12)	72.1488	0.117
N-Pentane (C5H12)	72.1488	0.180
Hexane+ (C6H14)	93.1887	1.893
Total		100
Calculated MW		29.7299

% Vol. Hydrocarbon to ppmv - Influent 3				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.920		9200
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.008		80
N-Butane (C4H10)	58.12	0.065		650
Iso-Pentane (C4H12)	72.15	0.245		2450
N-Pentane (C5H12)	72.15	0.377		3770
Hexane+ (C6H14)	93.19	5.265		52650
Total				68800

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	93.420
Methane (CH4)	16.0425	1.692
Carbon Dioxide (CO2)	44.011	2.931
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.004
N-Butane (C4H10)	58.1222	0.033
Iso-Pentane (C4H12)	72.1488	0.100
N-Pentane (C5H12)	72.1488	0.154
Hexane+ (C6H14)	93.1887	1.666
Total		100
Calculated MW		29.4912

Table 7
System Operation Data and Mass Recovery Calculations 7/15/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
15:00	1	98	14	190.53	104.6	254.28	2288	31030	31030	1.00	31030	34.92	33.19	33.19	33.19
16:00	1	98	14	190.53	103.2	252.58	2257	-	31030	0.99	30610	34.45	32.53	32.53	65.72
17:00	1	96	14	190.53	102.9	252.66	2221	-	31030	0.97	30121	34.02	32.13	32.13	97.85
18:00	1	92	13	176.92	102.5	260.89	2203	-	31030	0.96	29877	33.99	33.15	33.15	131.00
19:00	1	88	13	176.92	101.8	260.95	2186	-	31030	0.96	29647	33.97	33.14	33.14	164.14
20:00	1	86	13	176.92	101.5	261.04	2169	-	31030	0.95	29416	33.83	33.01	33.01	197.16
21:00	1	82	13	176.92	101.5	262.00	2172	-	48010	1.03	49538	58.18	56.98	56.98	254.13
22:00	1	80	13	176.92	101.1	261.97	2158	-	48010	1.03	49219	58.02	56.81	56.81	310.95
23:00	1	78	13	176.92	100.7	261.93	2136	-	48010	1.01	48717	57.64	56.44	56.44	367.39
0:00	1	76	13	176.92	99.7	261.11	2119	-	48010	1.01	48329	57.39	56.02	56.02	423.41
1:00	1	72	13	176.92	100.5	263.14	2120	-	48010	1.01	48352	57.85	56.91	56.91	480.32
2:00	1	72	13	176.92	100.8	263.54	2105	48010	48010	1.00	48010	57.44	56.59	56.59	536.91
3:00	1	70	13	176.92	101.6	265.08	2091	-	48010	0.99	47691	57.28	56.76	56.76	593.67
4:00	1	70	13	176.92	102.2	265.86	2076	-	48010	0.99	47349	56.87	56.52	56.52	650.18
5:00	1	68	13	176.92	101.9	265.97	2082	-	48010	0.99	47485	57.25	56.92	56.92	707.10
6:00	1	68	14	190.53	101.5	257.51	2098	-	48010	1.00	47850	57.69	56.53	56.53	762.63
7:00	1	70	14	190.53	101.2	256.64	2103	-	48010	1.00	47964	57.61	55.27	55.27	817.90
8:00	1	74	14	190.53	101.9	256.56	2076	-	48010	0.99	47349	56.44	54.13	54.13	872.03
9:00	1	78	14	190.53	102.6	256.48	2062	-	49090	1.03	50335	59.62	57.17	57.17	929.19
10:00	1	84	14	190.53	101.3	253.44	2057	-	49090	1.02	50213	58.82	55.73	55.73	984.92
11:00	1	92	14	190.53	101.5	251.85	2038	-	49090	1.01	49749	57.43	54.07	54.07	1038.99
12:00	1	96	14	190.53	101.7	251.18	2025	-	49090	1.01	49432	56.66	53.20	53.20	1092.19
13:00	1	100	14	190.53	101.3	249.79	2011	49090	49090	1.00	49090	55.86	52.16	52.16	1144.36
14:00	1	102	14	190.53	101.6	249.72	2001	-	49090	1.00	48846	55.39	51.70	51.70	1196.06
Averages:		82.92	13.5	183.72	101.71	258.17	2118.92					Total		1196.06	

PSH Mass Recovered in Vapor Phase = 174.86 gallons

Conversion from ppmv to mg/L (Influent 1)						
Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
31030	28.6113	1	0.0821	98	309.67	34.92

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	1196.06 lbs
PSH Mass Recovered in Liquid Phase =	174.86 gallons
	1229.63 lbs
	179.77 gallons
TOTAL =	2425.69 lbs
	354.63 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	179.77
PSH Mass in Pounds=	1229.63

% Vol. Hydrocarbon to ppmv - Influent 1				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.588		5880
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.002		20
Iso-Butane (C4H10)	58.12	0.002		20
N-Butane (C4H10)	58.12	0.024		240
Iso-Pentane (C4H12)	72.15	0.078		780
N-Pentane (C5H12)	72.15	0.119		1190
Hexane+ (C6H14)	93.19	2.290		22900
Total				31030

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mg%
Nitrogen (N2)	28.016	96.754
Methane (CH4)	16.0425	1.049
Carbon Dioxide (CO2)	44.011	1.402
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.001
Iso-Butane (C4H10)	58.1222	0.001
N-Butane (C4H10)	58.1222	0.012
Iso-Pentane (C4H12)	72.1488	0.031
N-Pentane (C5H12)	72.1488	0.047
Hexane+ (C6H14)	93.1887	0.703
Total		100
Calculated MW		28.6113

% Vol. Hydrocarbon to ppmv - Influent 2				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.320		13200
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.002		20
Iso-Butane (C4H10)	58.12	0.010		100
N-Butane (C4H10)	58.12	0.060		600
Iso-Pentane (C4H12)	72.15	0.157		1570
N-Pentane (C5H12)	72.15	0.244		2440
Hexane+ (C6H14)	93.19	3.008		30080
Total				48010

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mg%
Nitrogen (N2)	28.016	92.867
Methane (CH4)	16.0425	2.386
Carbon Dioxide (CO2)	44.011	3.614
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.001
Iso-Butane (C4H10)	58.1222	0.005
N-Butane (C4H10)	58.1222	0.030
Iso-Pentane (C4H12)	72.1488	0.063
N-Pentane (C5H12)	72.1488	0.098
Hexane+ (C6H14)	93.1887	0.936
Total		100
Calculated MW		29.0001

% Vol. Hydrocarbon to ppmv - Influent 3				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.375		13750
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.002		20
Iso-Butane (C4H10)	58.12	0.008		80
N-Butane (C4H10)	58.12	0.064		640
Iso-Pentane (C4H12)	72.15	0.171		1710
N-Pentane (C5H12)	72.15	0.256		2560
Hexane+ (C6H14)	93.19	3.033		30330
Total				49090

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mg%
Nitrogen (N2)	28.016	92.521
Methane (CH4)	16.0425	2.488
Carbon Dioxide (CO2)	44.011	3.837
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.001
Iso-Butane (C4H10)	58.1222	0.004
N-Butane (C4H10)	58.1222	0.032
Iso-Pentane (C4H12)	72.1488	0.069
N-Pentane (C5H12)	72.1488	0.103
Hexane+ (C6H14)	93.1887	0.945
Total		100
Calculated MW		29.0346

Table 8
System Operation Data and Mass Recovery Calculations 8/5/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
14:00	1	102	15	204.14	96.5	235.62	2343	72300	72300	1.00	72300	83.80	73.81	73.81	73.81
15:00	1	102	14	190.53	97.1	244.12	2339	-	72300	1.00	72177	83.66	76.35	76.35	150.16
16:00	1	104	14	190.53	97.9	244.69	2352	-	72300	1.00	72578	83.82	76.68	76.68	226.83
17:00	1	104	14	190.53	98.2	245.07	2361	-	72300	1.01	72855	84.15	77.09	77.09	303.92
18:00	1	104	14	190.53	98.6	245.57	2357	-	72300	1.01	72732	84.00	77.11	77.11	381.04
19:00	1	100	14	190.53	98.9	246.82	2348	-	72300	1.00	72454	84.28	77.76	77.76	458.80
20:00	1	96	14	190.53	99.4	248.33	2333	-	68270	1.03	70011	81.79	75.92	75.92	534.72
21:00	1	90	14	190.53	99.2	249.43	2309	-	68270	1.01	69290	81.83	76.30	76.30	611.02
22:00	1	90	14	190.53	99.1	249.30	2296	-	68270	1.01	68900	81.37	75.83	75.83	686.85
23:00	1	86	14	190.53	98.7	249.71	2311	-	68270	1.02	69350	82.50	77.01	77.01	763.86
0:00	1	84	14	190.53	98.5	249.91	2285	-	68270	1.00	68570	81.87	76.49	76.49	840.35
1:00	1	82	14	190.53	98.2	249.99	2275	68270	68270	1.00	68270	81.82	76.46	76.46	916.81
2:00	1	80	14	190.53	98.6	250.96	2252	-	68270	0.99	67580	81.29	76.26	76.26	993.07
3:00	1	80	14	190.53	98.0	250.20	2236	-	68270	0.98	67100	80.71	75.49	75.49	1068.56
4:00	1	78	14	190.53	98.7	251.56	2242	-	68270	0.99	67280	81.23	76.39	76.39	1144.95
5:00	1	78	14	190.53	98.4	251.17	2229	-	68270	0.98	66890	80.76	75.83	75.83	1220.78
6:00	1	76	14	190.53	98.3	251.52	2208	-	68270	0.97	66259	80.30	75.50	75.50	1296.28
7:00	1	74	14	190.53	98.5	252.24	2174	-	68270	0.96	65239	79.36	74.83	74.83	1371.10
8:00	1	76	14	190.53	98.4	251.64	2156	-	87160	1.01	88017	108.38	101.95	101.95	1473.05
9:00	1	80	14	190.53	98.9	251.35	2168	-	87160	1.02	88507	108.17	101.64	101.64	1574.69
10:00	1	86	14	190.53	99.0	250.09	2147	-	87160	1.01	87650	105.94	99.05	99.05	1673.73
11:00	1	92	14	190.53	99.2	248.98	2154	-	87160	1.01	87936	105.13	97.85	97.85	1771.58
12:00	1	100	14	190.53	99.6	247.69	2135	87160	87160	1.00	87160	102.72	95.11	95.11	1866.69
13:00	1	102	14	190.53	99.3	246.87	2149	-	87160	1.01	87732	103.02	95.08	95.08	1961.76
Averages:		89.42	14.0	191.09	98.55	248.45	2256.63					Total		1961.76	

PSH Mass Recovered in Vapor Phase = 286.81 gallons

Conversion from ppmv to mg/L (Influent 1)						
Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
72300	29.6794	1	0.0821	102	311.89	83.80

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	1961.76 lbs
PSH Mass Recovered in Liquid Phase =	286.81 gallons
	1585.79 lbs
	231.84 gallons
TOTAL =	3547.55 lbs
	518.65 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	231.84
PSH Mass in Pounds=	1585.79

% Vol. Hydrocarbon to ppmv - Influent 1				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.164		11640
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.001		10
Iso-Butane (C4H10)	58.12	0.006		60
N-Butane (C4H10)	58.12	0.065		650
Iso-Pentane (C4H12)	72.15	0.207		2070
N-Pentane (C5H12)	72.15	0.326		3260
Hexane+ (C6H14)	93.19	5.461		54610
Total				72300

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	91.598
Methane (CH4)	16.0425	2.154
Carbon Dioxide (CO2)	44.011	4.253
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.001
Iso-Butane (C4H10)	58.1222	0.003
N-Butane (C4H10)	58.1222	0.033
Iso-Pentane (C4H12)	72.1488	0.085
N-Pentane (C5H12)	72.1488	0.134
Hexane+ (C6H14)	93.1887	1.739
Total		100
Calculated MW		29.6794

% Vol. Hydrocarbon to ppmv - Influent 2				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.095		10950
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.012		120
N-Butane (C4H10)	58.12	0.069		690
Iso-Pentane (C4H12)	72.15	0.205		2050
N-Pentane (C5H12)	72.15	0.319		3190
Hexane+ (C6H14)	93.19	5.127		51270
Total				68270

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	92.025
Methane (CH4)	16.0425	2.020
Carbon Dioxide (CO2)	44.011	4.071
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.006
N-Butane (C4H10)	58.1222	0.035
Iso-Pentane (C4H12)	72.1488	0.084
N-Pentane (C5H12)	72.1488	0.131
Hexane+ (C6H14)	93.1887	1.628
Total		100
Calculated MW		29.5935

% Vol. Hydrocarbon to ppmv - Influent 3				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.571		15710
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.003		30
Iso-Butane (C4H10)	58.12	0.015		150
N-Butane (C4H10)	58.12	0.085		850
Iso-Pentane (C4H12)	72.15	0.274		2740
N-Pentane (C5H12)	72.15	0.420		4200
Hexane+ (C6H14)	93.19	6.348		63480
Total				87160

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	88.870
Methane (CH4)	16.0425	2.945
Carbon Dioxide (CO2)	44.011	5.794
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.002
Iso-Butane (C4H10)	58.1222	0.008
N-Butane (C4H10)	58.1222	0.044
Iso-Pentane (C4H12)	72.1488	0.114
N-Pentane (C5H12)	72.1488	0.175
Hexane+ (C6H14)	93.1887	2.048
Total		100
Calculated MW		30.0684

Table 9
System Operation Data and Mass Recovery Calculations 9/2/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
15:00	1	104	16	217.74	86.2	214.74	1943	67140	67140	1.00	67140	77.94	62.57	62.57	62.57
16:00	1	104	14	190.53	104.6	252.93	1957	-	67140	1.01	67624	78.50	74.22	74.22	136.79
17:00	1	100	14	190.53	103.1	252.00	1973	-	67140	1.02	68177	79.71	75.09	75.09	211.88
18:00	1	96	14	190.53	101.3	250.69	1964	-	67140	1.01	67866	79.92	74.89	74.89	286.78
19:00	1	88	14	190.53	100.8	251.89	1977	-	67140	1.02	68315	81.62	76.86	76.86	363.64
20:00	1	80	14	190.53	100.2	252.99	1985	-	67140	1.02	68591	83.17	78.66	78.66	442.29
21:00	1	76	14	190.53	99.6	253.17	1999	-	58000	0.98	56974	68.90	65.21	65.21	507.50
22:00	1	70	14	190.53	99.3	254.22	2007	-	58000	0.99	57202	69.96	66.49	66.49	573.99
23:00	1	68	14	190.53	99.0	254.31	2019	-	58000	0.99	57544	70.65	67.16	67.16	641.15
0:00	1	66	14	190.53	98.5	254.15	2023	-	58000	0.99	57658	71.06	67.51	67.51	708.66
1:00	1	64	14	190.53	98.9	255.15	2026	-	58000	1.00	57743	71.43	68.13	68.13	776.80
2:00	1	60	14	190.53	99.4	256.78	2035	58000	58000	1.00	58000	72.30	69.40	69.40	846.20
3:00	1	60	14	190.53	99.7	257.17	2047	-	58000	1.01	58342	72.73	69.92	69.92	916.12
4:00	1	60	14	190.53	100.3	257.94	2062	-	58000	1.01	58770	73.26	70.64	70.64	986.76
5:00	1	60	14	190.53	100.5	258.20	2069	-	58000	1.02	58969	73.51	70.95	70.95	1057.71
6:00	1	60	14	190.53	100.9	258.71	2073	-	58000	1.02	59083	73.65	71.23	71.23	1128.95
7:00	1	62	14	190.53	101.2	258.60	2095	-	58000	1.03	59710	74.15	71.68	71.68	1200.63
8:00	1	62	14	190.53	101.6	259.11	2104	-	58000	1.03	59967	74.47	72.13	72.13	1272.76
9:00	1	70	14	190.53	101.0	256.39	2092	-	60170	0.98	58903	72.16	69.16	69.16	1341.92
10:00	1	78	14	190.53	100.5	253.84	2117	-	60170	0.99	59607	71.93	68.26	68.26	1410.17
11:00	1	82	14	190.53	100.1	252.40	2125	-	60170	0.99	59832	71.67	67.62	67.62	1477.80
12:00	1	88	14	190.53	99.8	250.64	2130	-	60170	1.00	59973	71.05	66.57	66.57	1544.37
13:00	1	90	14	190.53	99.4	249.68	2137	60170	60170	1.00	60170	71.03	66.29	66.29	1610.67
14:00	1	90	14	190.53	100.2	250.68	2142	-	60170	1.00	60311	71.19	66.72	66.72	1677.38
Averages:		76.58	14.1	191.66	99.84	252.77	2045.88					Total	1677.38		

PSH Mass Recovered in Vapor Phase = 245.23 gallons

Conversion from ppmv to mg/L (Influent 1)						
Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
67140	29.8314	1	0.0821	104	313.00	77.94

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	1677.38 lbs
PSH Mass Recovered in Liquid Phase =	245.23 gallons
	1155.82 lbs
	168.98 gallons
TOTAL =	2833.21 lbs
	414.21 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	168.98
PSH Mass in Pounds=	1155.82

% Vol. Hydrocarbon to ppmv - Influent 1				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.680		16800
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.004		40
Iso-Butane (C4H10)	58.12	0.016		160
N-Butane (C4H10)	58.12	0.092		920
Iso-Pentane (C4H12)	72.15	0.254		2540
N-Pentane (C5H12)	72.15	0.375		3750
Hexane+ (C6H14)	93.19	4.293		42930
Total				67140

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	87.918
Methane (CH4)	16.0425	3.124
Carbon Dioxide (CO2)	44.011	7.266
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.003
Iso-Butane (C4H10)	58.1222	0.008
N-Butane (C4H10)	58.1222	0.047
Iso-Pentane (C4H12)	72.1488	0.105
N-Pentane (C5H12)	72.1488	0.155
Hexane+ (C6H14)	93.1887	1.374
Total		100
Calculated MW		29.8314

% Vol. Hydrocarbon to ppmv - Influent 2				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.345		13450
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.003		30
Iso-Butane (C4H10)	58.12	0.010		100
N-Butane (C4H10)	58.12	0.073		730
Iso-Pentane (C4H12)	72.15	0.203		2030
N-Pentane (C5H12)	72.15	0.313		3130
Hexane+ (C6H14)	93.19	3.853		38530
Total				58000

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	90.353
Methane (CH4)	16.0425	2.475
Carbon Dioxide (CO2)	44.011	5.696
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.002
Iso-Butane (C4H10)	58.1222	0.005
N-Butane (C4H10)	58.1222	0.037
Iso-Pentane (C4H12)	72.1488	0.083
N-Pentane (C5H12)	72.1488	0.128
Hexane+ (C6H14)	93.1887	1.221
Total		100
Calculated MW		29.5326

% Vol. Hydrocarbon to ppmv - Influent 3				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.273		12730
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.003		30
Iso-Butane (C4H10)	58.12	0.012		120
N-Butane (C4H10)	58.12	0.075		750
Iso-Pentane (C4H12)	72.15	0.202		2020
N-Pentane (C5H12)	72.15	0.315		3150
Hexane+ (C6H14)	93.19	4.137		41370
Total				60170

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	90.563
Methane (CH4)	16.0425	2.347
Carbon Dioxide (CO2)	44.011	5.519
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.002
Iso-Butane (C4H10)	58.1222	0.006
N-Butane (C4H10)	58.1222	0.038
Iso-Pentane (C4H12)	72.1488	0.083
N-Pentane (C5H12)	72.1488	0.129
Hexane+ (C6H14)	93.1887	1.313
Total		100
Calculated MW		29.5806

Table 10
System Operation Data and Mass Recovery Calculations 10/14/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
15:30	1	86	15	204.14	92.2	233.66	1915	60440	60440	1.00	60440	71.67	62.60	62.60	62.60
16:30	1	86	14	190.53	93.1	242.52	1937	-	60440	1.01	61134	72.49	65.72	65.72	128.32
17:30	1	84	14	190.53	101.3	253.44	1962	-	60440	1.02	61923	73.69	69.82	69.82	198.14
18:30	1	84	14	190.53	100.8	252.81	1949	-	60440	1.02	61513	73.21	69.19	69.19	267.32
19:30	1	78	14	190.53	99.7	252.83	1953	-	60440	1.02	61639	74.18	70.11	70.11	337.43
20:30	1	72	14	190.53	99.2	253.61	1970	-	60440	1.03	62176	75.67	71.74	71.74	409.16
21:30	1	70	14	190.53	100.0	255.11	1976	-	64390	0.98	62956	77.05	73.48	73.48	482.65
22:30	1	68	14	190.53	97.3	252.12	1969	-	64390	0.97	62733	77.07	72.64	72.64	555.29
23:30	1	64	14	190.53	97.2	252.95	1984	-	64390	0.98	63211	78.25	73.99	73.99	629.28
0:30	1	64	14	190.53	96.8	252.43	2003	-	64390	0.99	63817	79.00	74.55	74.55	703.83
1:30	1	62	14	190.53	96.3	252.26	2015	-	64390	1.00	64199	79.78	75.23	75.23	779.06
2:30	1	62	14	190.53	95.6	251.34	2021	64390	64390	1.00	64390	80.02	75.18	75.18	854.24
3:30	1	60	14	190.53	94.9	250.90	2011	-	64390	1.00	64071	79.93	74.97	74.97	929.21
4:30	1	60	14	190.53	93.2	248.64	2001	-	64390	0.99	63753	79.53	73.92	73.92	1003.13
5:30	1	60	14	190.53	93.0	248.38	2029	-	64390	1.00	64645	80.64	74.88	74.88	1078.01
6:30	1	60	14	190.53	92.8	248.11	2067	-	64390	1.02	65856	82.15	76.20	76.20	1154.20
7:30	1	60	14	190.53	92.6	247.84	2094	-	64390	1.04	66716	83.23	77.11	77.11	1231.31
8:30	1	60	14	190.53	92.0	247.04	2083	-	64390	1.03	66365	82.79	76.45	76.45	1307.77
9:30	1	66	14	190.53	93.6	247.75	2076	-	58830	0.97	57124	70.15	64.97	64.97	1372.73
10:30	1	70	14	190.53	94.4	247.87	2089	-	58830	0.98	57482	70.05	64.91	64.91	1437.64
11:30	1	74	14	190.53	95.8	248.76	2104	-	58830	0.98	57894	70.02	65.12	65.12	1502.76
12:30	1	80	14	190.53	98.0	250.20	2126	-	58830	0.99	58500	69.97	65.44	65.44	1568.20
13:30	1	80	14	190.53	99.5	252.11	2138	58830	58830	1.00	58830	70.37	66.31	66.31	1634.52
14:30	1	82	14	190.53	100.2	252.52	2144	-	58830	1.00	58995	70.30	66.36	66.36	1700.88
Averages:		70.50	14.0	191.09	96.23	249.80	2025.67						Total	1700.88	

PSH Mass Recovered in Vapor Phase = **248.67** gallons

Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
60440	29.4965	1	0.0821	86	303.00	71.67

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	1700.88 lbs
PSH Mass Recovered in Liquid Phase =	248.67 gallons
	918.89 lbs
	134.34 gallons
TOTAL =	2619.77 lbs
	383.01 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	134.34
PSH Mass in Pounds=	918.89

% Vol. Hydrocarbon to ppmv - Influent 1				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.073		10730
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.003		30
Iso-Butane (C4H10)	58.12	0.012		120
N-Butane (C4H10)	58.12	0.069		690
Iso-Pentane (C4H12)	72.15	0.186		1860
N-Pentane (C5H12)	72.15	0.281		2810
Hexane+ (C6H14)	93.19	4.420		44200
Total				60440

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	91.969
Methane (CH4)	16.0425	1.972
Carbon Dioxide (CO2)	44.011	4.426
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.002
Iso-Butane (C4H10)	58.1222	0.006
N-Butane (C4H10)	58.1222	0.035
Iso-Pentane (C4H12)	72.1488	0.076
N-Pentane (C5H12)	72.1488	0.115
Hexane+ (C6H14)	93.1887	1.389
Total		100
Calculated MW		29.4965

% Vol. Hydrocarbon to ppmv - Influent 2				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.388		13880
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.004		40
Iso-Butane (C4H10)	58.12	0.014		140
N-Butane (C4H10)	58.12	0.073		730
Iso-Pentane (C4H12)	72.15	0.188		1880
N-Pentane (C5H12)	72.15	0.291		2910
Hexane+ (C6H14)	93.19	4.481		44810
Total				64390

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	90.671
Methane (CH4)	16.0425	2.557
Carbon Dioxide (CO2)	44.011	5.108
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.003
Iso-Butane (C4H10)	58.1222	0.007
N-Butane (C4H10)	58.1222	0.037
Iso-Pentane (C4H12)	72.1488	0.077
N-Pentane (C5H12)	72.1488	0.119
Hexane+ (C6H14)	93.1887	1.421
Total		100
Calculated MW		29.5532

% Vol. Hydrocarbon to ppmv - Influent 3				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.972		9720
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.003		30
Iso-Butane (C4H10)	58.12	0.010		100
N-Butane (C4H10)	58.12	0.059		590
Iso-Pentane (C4H12)	72.15	0.167		1670
N-Pentane (C5H12)	72.15	0.260		2600
Hexane+ (C6H14)	93.19	4.412		44120
Total				58830

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	92.685
Methane (CH4)	16.0425	1.782
Carbon Dioxide (CO2)	44.011	3.929
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.002
Iso-Butane (C4H10)	58.1222	0.005
N-Butane (C4H10)	58.1222	0.030
Iso-Pentane (C4H12)	72.1488	0.068
N-Pentane (C5H12)	72.1488	0.106
Hexane+ (C6H14)	93.1887	1.393
Total		100
Calculated MW		29.4266

Table 11
System Operation Data and Mass Recovery Calculations 11/3/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppmv)	Lab Result (ppmv)	Assigned Lab Result (mg/L)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
15:00	1	90	21	285.79	52.0	135.31	969	9530	9530	1.00	9530	10.88	5.50	5.50	5.50
16:00	1	88	21	285.79	51.7	135.17	984	-	9530	1.02	9678	11.09	5.60	5.60	11.11
17:00	1	80	21	285.79	51.3	135.63	996	-	9530	1.03	9796	11.39	5.78	5.78	16.88
18:00	1	78	21	285.79	51.0	135.49	974	-	9530	1.01	9579	11.18	5.66	5.66	22.55
19:00	1	76	21	285.79	50.9	135.61	958	-	9530	0.99	9422	11.04	5.60	5.60	28.14
20:00	1	68	21	285.79	50.6	136.23	946	-	9530	0.98	9304	11.07	5.64	5.64	33.78
21:00	1	60	21	285.79	50.2	136.73	969	-	11300	0.97	10917	13.26	6.78	6.78	40.56
22:00	1	58	21	285.79	50.4	137.27	981	-	11300	0.98	11052	13.48	6.92	6.92	47.48
23:00	1	56	21	285.79	50.0	136.98	997	-	11300	0.99	11232	13.75	7.04	7.04	54.52
0:00	1	52	21	285.79	49.8	137.24	1017	-	11300	1.01	11458	14.14	7.25	7.25	61.77
1:00	1	50	21	285.79	49.7	137.37	1009	-	11300	1.01	11368	14.08	7.23	7.23	69.00
2:00	1	50	21	285.79	49.7	137.37	1003	11300	11300	1.00	11300	14.00	7.19	7.19	76.19
3:00	1	48	21	285.79	49.5	137.37	984	-	11300	0.98	11086	13.79	7.08	7.08	83.27
4:00	1	46	21	285.79	49.8	138.05	976	-	11300	0.97	10996	13.73	7.09	7.09	90.36
5:00	1	44	21	285.79	49.9	138.47	1038	-	11300	1.03	11694	14.66	7.59	7.59	97.95
6:00	1	44	21	285.79	50.0	138.61	1059	-	11300	1.06	11931	14.96	7.75	7.75	105.69
7:00	1	44	21	285.79	50.3	139.02	1076	-	11300	1.07	12122	15.20	7.90	7.90	113.59
8:00	1	54	21	285.79	51.1	138.75	1064	-	11300	1.06	11987	14.73	7.64	7.64	121.23
9:00	1	64	21	285.79	51.7	138.23	1070	-	8170	0.97	7933	9.46	4.89	4.89	126.12
10:00	1	68	21	285.79	52.4	138.63	1086	-	8170	0.99	8051	9.53	4.94	4.94	131.06
11:00	1	72	21	285.79	52.6	138.37	1094	-	8170	0.99	8111	9.53	4.93	4.93	135.99
12:00	1	86	21	285.79	49.5	132.50	1116	-	8170	1.01	8274	9.47	4.69	4.69	140.68
13:00	1	90	21	285.79	52.2	135.57	1102	8170	8170	1.00	8170	9.28	4.70	4.70	145.38
14:00	1	96	21	285.79	53.3	136.25	1095	-	8170	0.99	8118	9.12	4.65	4.65	150.03
Averages:		65.08	21.0	285.79	50.82	136.93	1023.46					Total		150.03	

PSH Mass Recovered in Vapor Phase = 21.93 gallons

Conversion from ppmv to mg/L (Influent 1)						
Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
9530	28.6124	1	0.0821	90	305.22	10.88

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	150.03 lbs
PSH Mass Recovered in Liquid Phase =	21.93 gallons
	487.49 lbs
	71.27 gallons
TOTAL =	637.51 lbs
	93.20 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	71.27
PSH Mass in Pounds=	487.49

% Vol. Hydrocarbon to ppmv - Influent 1				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.124		1240
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.005		50
Iso-Butane (C4H10)	58.12	0.002		20
N-Butane (C4H10)	58.12	0.002		20
Iso-Pentane (C4H12)	72.15	0.023		230
N-Pentane (C5H12)	72.15	0.025		250
Hexane+ (C6H14)	93.19	0.772		7720
Total				9530

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	96.647
Methane (CH4)	16.0425	0.222
Carbon Dioxide (CO2)	44.011	2.870
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.003
Iso-Butane (C4H10)	58.1222	0.001
N-Butane (C4H10)	58.1222	0.001
Iso-Pentane (C4H12)	72.1488	0.009
N-Pentane (C5H12)	72.1488	0.010
Hexane+ (C6H14)	93.1887	0.237
Total		100
Calculated MW		28.6124

% Vol. Hydrocarbon to ppmv - Influent 2				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.190		1900
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.002		20
Iso-Butane (C4H10)	58.12	0.004		40
N-Butane (C4H10)	58.12	0.004		40
Iso-Pentane (C4H12)	72.15	0.028		280
N-Pentane (C5H12)	72.15	0.028		280
Hexane+ (C6H14)	93.19	0.874		8740
Total				11300

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	95.484
Methane (CH4)	16.0425	0.341
Carbon Dioxide (CO2)	44.011	3.878
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.001
Iso-Butane (C4H10)	58.1222	0.002
N-Butane (C4H10)	58.1222	0.002
Iso-Pentane (C4H12)	72.1488	0.011
N-Pentane (C5H12)	72.1488	0.011
Hexane+ (C6H14)	93.1887	0.270
Total		100
Calculated MW		28.7825

% Vol. Hydrocarbon to ppmv - Influent 3				
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.082		820
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.002		20
Iso-Butane (C4H10)	58.12	0.002		20
N-Butane (C4H10)	58.12	0.004		40
Iso-Pentane (C4H12)	72.15	0.015		150
N-Pentane (C5H12)	72.15	0.015		150
Hexane+ (C6H14)	93.19	0.697		6970
Total				8170

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	97.616
Methane (CH4)	16.0425	0.145
Carbon Dioxide (CO2)	44.011	2.010
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.001
Iso-Butane (C4H10)	58.1222	0.001
N-Butane (C4H10)	58.1222	0.002
Iso-Pentane (C4H12)	72.1488	0.006
N-Pentane (C5H12)	72.1488	0.006
Hexane+ (C6H14)	93.1887	0.213
Total		100
Calculated MW		28.4653

Table 12
System Operation Data and Mass Recovery Calculations 12/2/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH ₂ O)	Differential Pressure (inH ₂ O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
14:30	1	62	19	258.57	59.7	164.59	1126	5650	5650	1.00	5650	6.73	4.14	4.14	4.14
15:30	1	62	17	231.35	62.5	183.13	1105	-	5650	0.98	5545	6.80	4.52	4.52	8.66
16:30	1	60	17	231.35	64.8	186.83	1098	-	5650	0.98	5510	6.59	4.60	4.60	13.26
17:30	1	60	17	231.35	65.3	187.55	1076	-	5650	0.96	5399	6.46	4.53	4.53	17.79
18:30	1	58	17	231.35	65.9	188.77	1084	-	5650	0.96	5439	6.53	4.61	4.61	22.39
19:30	1	56	17	231.35	66.4	189.85	1091	-	5650	0.97	5474	6.60	4.68	4.68	27.08
20:30	1	52	17	231.35	66.7	191.02	1070	-	8230	1.06	8702	10.63	7.59	7.59	34.66
21:30	1	48	17	231.35	68.2	193.92	1075	-	8230	1.06	8742	10.76	7.80	7.80	42.46
22:30	1	46	17	231.35	69.1	195.58	1063	-	8230	1.05	8645	10.68	7.81	7.81	50.27
23:30	1	46	17	231.35	70.1	196.99	1047	-	8230	1.03	8515	10.52	7.75	7.75	58.02
0:30	1	46	17	231.35	70.5	197.55	1026	-	8230	1.01	8344	10.31	7.61	7.61	65.63
1:30	1	46	17	231.35	70.3	197.27	1012	8230	8230	1.00	8230	10.17	7.50	7.50	73.13
2:30	1	46	17	231.35	70.9	198.11	1001	-	8230	0.99	8141	10.06	7.45	7.45	80.58
3:30	1	46	17	231.35	71.6	199.08	976	-	8230	0.96	7937	9.81	7.30	7.30	87.88
4:30	1	46	17	231.35	71.2	198.53	938	-	8230	0.93	7628	9.42	6.99	6.99	94.87
5:30	1	46	17	231.35	71.0	198.25	927	-	8230	0.92	7539	9.31	6.90	6.90	101.77
6:30	1	50	17	231.35	71.3	197.89	944	-	8230	0.93	7677	9.41	6.96	6.96	108.74
7:30	1	50	17	231.35	71.8	198.58	969	-	8230	0.96	7880	9.66	7.17	7.17	115.91
8:30	1	54	17	231.35	71.5	197.39	988	-	7460	1.04	7726	9.40	6.93	6.93	122.84
9:30	1	56	17	231.35	71.9	197.56	1009	-	7460	1.06	7890	9.56	7.06	7.06	129.90
10:30	1	58	17	231.35	72.5	198.00	984	-	7460	1.03	7695	9.29	6.87	6.87	136.77
11:30	1	60	17	231.35	72.7	197.89	973	-	7460	1.02	7609	9.15	6.77	6.77	143.54
12:30	1	62	17	231.35	75.7	201.54	954	7460	7460	1.00	7460	8.93	6.73	6.73	150.27
13:30	1	62	17	231.35	74.6	200.07	968	-	7460	1.01	7569	9.07	6.78	6.78	157.05
Averages:		53.25	17.1	232.49	69.43	194.00	1021.00						Total	157.05	

PSH Mass Recovered in Vapor Phase = 22.96 gallons

Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
5650	28.3241	1	0.0821	62	289.67	6.73

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

Total Hydrocarbon Recovery	
PSH Mass Recovered in Vapor Phase =	157.05 lbs 22.96 gallons
PSH Mass Recovered in Liquid Phase =	884.55 lbs 129.32 gallons
TOTAL =	1041.60 lbs 152.28 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons =	129.32
PSH Mass in Pounds =	884.55

% Vol. Hydrocarbon to ppmv - Influent 1				Molecular Weight Calculations			
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	0.011		110	Nitrogen (N2)	28.016	98.552
Ethane (C2H6)	30.07	0.000		0	Methane (CH4)	16.0425	0.019
Propane (C3H8)	44.10	0.000		0	Carbon Dioxide (CO2)	44.011	1.258
Iso-Butane (C4H10)	58.12	0.000		0	Ethane (C2H6)	30.069	0.000
N-Butane (C4H10)	58.12	0.000		0	Propane (C3H8)	44.0956	0.000
Iso-Pentane (C4H12)	72.15	0.010		100	Iso-Butane (C4H10)	58.1222	0.000
N-Pentane (C5H12)	72.15	0.018		180	N-Butane (C4H10)	58.1222	0.000
Hexane+ (C6H14)	93.19	0.526		5260	Iso-Pentane (C4H12)	72.1488	0.004
				5650	N-Pentane (C5H12)	72.1488	0.007
					Hexane+ (C6H14)	93.1887	0.160
					Total	100	
					Calculated MW	28.3241	

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

% Vol. Hydrocarbon to ppmv - Influent 2				Molecular Weight Calculations			
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	0.034		340	Nitrogen (N2)	28.016	97.717
Ethane (C2H6)	30.07	0.000		0	Methane (CH4)	16.0425	0.060
Propane (C3H8)	44.10	0.000		0	Carbon Dioxide (CO2)	44.011	1.979
Iso-Butane (C4H10)	58.12	0.000		0	Ethane (C2H6)	30.069	0.000
N-Butane (C4H10)	58.12	0.000		0	Propane (C3H8)	44.0956	0.000
Iso-Pentane (C4H12)	72.15	0.013		130	Iso-Butane (C4H10)	58.1222	0.000
N-Pentane (C5H12)	72.15	0.023		230	N-Butane (C4H10)	58.1222	0.000
Hexane+ (C6H14)	93.19	0.753		7530	Iso-Pentane (C4H12)	72.1488	0.005
				8230	N-Pentane (C5H12)	72.1488	0.009
					Hexane+ (C6H14)	93.1887	0.230
					Total	100	
					Calculated MW	28.4814	

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

% Vol. Hydrocarbon to ppmv - Influent 3				Molecular Weight Calculations			
Compound	Molecular Weight (g/mol)	% Vol	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	0.013		130	Nitrogen (N2)	28.016	97.728
Ethane (C2H6)	30.07	0.000		0	Methane (CH4)	16.0425	0.023
Propane (C3H8)	44.10	0.000		0	Carbon Dioxide (CO2)	44.011	2.022
Iso-Butane (C4H10)	58.12	0.000		0	Ethane (C2H6)	30.069	0.000
N-Butane (C4H10)	58.12	0.000		0	Propane (C3H8)	44.0956	0.000
Iso-Pentane (C4H12)	72.15	0.010		100	Iso-Butane (C4H10)	58.1222	0.000
N-Pentane (C5H12)	72.15	0.023		230	N-Butane (C4H10)	58.1222	0.000
Hexane+ (C6H14)	93.19	0.700		7000	Iso-Pentane (C4H12)	72.1488	0.004
				7460	N-Pentane (C5H12)	72.1488	0.009
					Hexane+ (C6H14)	93.1887	0.214
					Total	100	
					Calculated MW	28.4819	

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes



ATTACHMENT 1

MDPE Field Logs

MDPE FIELD NOTES

Site Name:	Hobbs Junction Mainline			Event #:	1
Location:	Hobbs, NM			Arrive at site:	17:30
Date:	1/9/2025				
Job #:	700376.052.82	SRS #:	2003-00017	Start Vac:	18:00
		Unit:	2097	Stop Vac:	18:00
Onsite Personnel:	B Huntington L Bridges			Leave Site:	18:30

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-4	47.71	51.92	4.21	-	48.98	0.00	
MW-3	48.31	51.23	2.92	-	49.72	0.00	
WASTE:	H ₂ O:	1304.21		PSH:	731.85		TOTAL (GAL): 2036.06

Sample Name	Analysis	Date:	Time:	Comments:
INFLUENT #1	C6+	9-Jan-25	19:00	PID = 1556
INFLUENT #2	C6+	10-Jan-25	06:00	PID = 1481
INFLUENT #3	C6+	10-Jan-25	17:00	PID = 1355

Notes:	
Tank #1	Start 2.09 / 2.66
	Finish 0.78 / 1.97
Propane 40% - 25%	

Start Date: 1/9/2025		700376.052.82			24HR		2097		Page 1 of 1		
Time	Sample Taken	Well Flow					Well Data				
		Influent Temperature (°F)	Differential Pressure (inH ₂ O)	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:				
							2" Preso	MW-4 Vacuum (inH ₂ O)	MW-3 Vacuum (inH ₂ O)		
19:00	*1	34	22.6	12	1556	1481	21.3	23.2			
20:00		34	22.9	12	1550	1489	21.5	23.4			
21:00		34	23.8	12	1521	1492	21.7	23.5			
22:00		32	23.4	12	1519	1571	21.4	23.7			
23:00		32	23.5	12	1509	1538	20.9	23.9			
00:00		32	62.7	14	1515	1542	24.3	24.5			
01:00		32	65.2	16	1517	1580	25.4	26.5			
02:00		30	66.2	16	1501	1584	25.9	26.4			
03:00		30	66.8	16	1499	1592	26.1	26.7			
04:00		30	67.1	16	1495	1598	26.5	26.0			
05:00		30	67.3	16	1492	1601	26.3	25.9			
06:00	*2	30	67.3	16	1481	1612	26.5	25.5			
07:00		30	67.5	16	1480	1610	26.7	25.7			
08:00		30	68.5	16	1472	1611	26.4	25.9			
09:00		30	68.9	16	1469	1608	26.2	26.0			
10:00		34	68.8	16	1455	1615	26.8	25.6			
11:00		38	69.1	16	1421	1613	27.1	25.8			
12:00		42	69.7	16	1436	1620	29.6	27.5			
13:00		46	70.3	17	1447	1621	30.4	29.5			
14:00		46	70.8	17	1429	1623	30.2	29.9			
15:00		48	71.8	17	1398	1619	30.1	30.1			
16:00		44	72.0	17	1379	1620	30.2	30.2			
17:00	*4	40	72.5	17	1355	1617	30.3	30.9			
18:00		38	72.8	17	1342	1615	30.5	30.4			

MDPE FIELD NOTES

Site Name:	Hobbs Junction Mainline			Event #:	2
Location:	Hobbs, NM			Arrive at site:	17:00
Date:	2/13/2025				
Job #:	700376.052.82	SRS #:	2003-00017	Start Vac:	17:30
		Unit:	2097	Stop Vac:	17:30
Onsite Personnel:	B Huntington L Bridges			Leave Site:	18:00

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-1	46.92	48.79	1.87	-	50.92	0.00	
MW-5	48.39	49.31	0.92	-	51.47	0.00	
WASTE:	H ₂ O:	568.80		PSH:	186.11		TOTAL (GAL): 754.91

Sample Name	Analysis	Date:	Time:	Comments:
INFLUENT #1	C6+	13-Feb-25	18:30	PID = 889
INFLUENT #2	C6+	14-Feb-25	05:30	PID = 737
INFLUENT #3	C6+	14-Feb-25	16:30	PID = 673

Notes:	10 x 30
Propane Start - 40%	
Propane Finish - 35%	
Tank #1	Start 8.20 / 8.21
	Finish 7.78 / 7.89

Start Date: 2/13/2025		700376.052.82			24HR		2097		Page 1 of 1		
Well Flow							Well Data				
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH ₂ O)	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:				
							2" Preso	MW-1 Vacuum (inH ₂ O)	MW-5 Vacuum (inH ₂ O)		
18:30	*1	44	43.9	15	889	1558	28.1	28.7			
19:30		44	43.7	15	881	1553	28.6	27.3			
20:30		38	44.1	15	876	1555	28.9	29.6			
21:30		34	45.8	15	869	1557	29.9	31.2			
22:30		32	46.3	15	855	1559	30.2	31.9			
23:30		30	46.4	15	840	1562	30.1	32.6			
00:30		30	46.5	15	826	1563	30.5	32.2			
01:30		30	46.9	15	801	1569	30.6	31.5			
02:30		30	46.8	15	792	1567	30.4	31.2			
03:30		30	47.1	15	775	1564	30.5	30.8			
04:30		30	47.2	15	749	1561	30.7	30.6			
05:30	*2	30	47.3	15	737	1559	30.9	30.4			
06:30		30	47.5	15	730	1558	31.2	30.5			
07:30		32	47.5	15	727	1563	31.8	30.7			
08:30		34	47.9	15	723	1569	32.0	30.5			
09:30		40	48.1	15	718	1574	32.1	30.5			
10:30		42	48.5	15	711	1575	32.7	30.6			
11:30		48	48.4	15	709	1576	32.6	30.1			
12:30		50	48.6	15	705	1574	33.0	30.5			
13:30		50	48.7	15	693	1581	33.1	30.6			
14:30		52	49.2	15	682	1580	33.6	30.7			
15:30		52	49.6	15	679	1579	33.8	30.9			
16:30	*3	54	49.7	15	673	1573	33.5	31.2			
17:30		56	49.9	15	659	1573	33.4	31.5			

MDPE FIELD NOTES

Site Name:	Hobbs Junction Mainline			Event #:	3
Location:	Hobbs, NM			Arrive at site:	12:30
Date:	3/11/2025				
Job #:	700376.052.82	SRS #:	2003-00017	Start Vac:	13:00
		Unit:	2097	Stop Vac:	13:00
Onsite Personnel:	B Huntington N Parker			Leave Site:	13:30

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-4	47.73	51.95	4.22	49.60	49.62	0.02	46
MW-3	48.10	52.34	4.24	-	50.27	0.00	47
WASTE:	H ₂ O:	1009.27		PSH:	157.05		TOTAL (GAL): 1166.32

Sample Name	Analysis	Date:	Time:	Comments:
INFLUENT #1	C6+	11-Mar-25	14:00	PID = 1751
INFLUENT #2	C6+	12-Mar-25	01:00	PID = 1576
INFLUENT #3	C6+	12-Mar-25	12:00	PID = 1619

Notes:	5.33 5.34 / 4.81 4.89
Propane	75% - 55%

Start Date: 3/11/2025		700376.052.82				24HR		2097		Page 1 of 1		
Time	Sample Taken	Well Flow					Well Data					
		Influent Temperature (°F)	Differential Pressure (inH ₂ O)	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:					
							2" Preso	MW-3 Vacuum (inH ₂ O)	MW-4 Vacuum (inH ₂ O)			
14:00	*1	80	10.2	7	1751	1598	11.8	11.7				
15:00		82	11.3	7	1726	1627	16.6	15.4				
16:00		82	16.2	6	1701	1533	8.2	18.5				
17:00		82	18.7	10	1683	1580	14.1	19.9				
18:00		82	18.4	10	1657	1572	15.9	19.4				
19:00		76	18.1	9	1628	1572	18.3	18.6				
20:00		70	17.9	9	1611	1570	20.2	17.5				
21:00		68	17.6	9	1636	1575	22.6	16.3				
22:00		62	17.5	8	1607	1579	23.4	15.0				
23:00		60	17.9	8	1592	1571	24.5	15.2				
00:00		58	17.6	8	1584	1568	24.9	14.9				
01:00	*2	56	17.4	8	1576	1573	24.3	14.5				
02:00		54	17.8	8	1551	1575	24.6	14.8				
03:00		52	18.3	8	1538	1586	24.6	14.9				
04:00		52	18.0	8	1547	1587	24.5	14.7				
05:00		50	18.2	8	1561	1584	24.8	14.5				
06:00		50	17.9	8	1589	1580	24.7	14.7				
07:00		50	18.3	8	1607	1584	25.3	14.4				
08:00		54	18.1	8	1636	1584	25.0	14.8				
09:00		58	17.9	8	1627	1580	25.5	15.0				
10:00		66	17.8	8	1607	1578	25.7	14.6				
11:00		70	18.1	8	1593	1582	25.2	14.9				
12:00	*3	72	18.5	8	1619	1581	25.8	14.3				
13:00		72	18.3	8	1601	1584	25.4	14.7				

MDPE FIELD NOTES

Site Name:	Hobbs Junction Mainline			Event #:	4
Location:	Hobbs, NM			Arrive at site:	13:30
Date:	4/22/2025				
Job #:	700376.052.82	SRS #:	2003-00017	Start Vac:	14:00
		Unit:	2097	Stop Vac:	14:00
Onsite Personnel:	B Huntington N Parker			Leave Site:	14:30

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
RW-4	47.65	52.02	4.37	-	48.93	0.00	46
MW-3	48.14	51.46	3.32	-	49.62	0.00	47
WASTE:	H ₂ O:	535.40		PSH:	172.28		TOTAL (GAL): 707.68

Sample Name	Analysis	Date:	Time:	Comments:
INFLUENT #1	C6+	22-Apr-25	15:00	PID = 1855
INFLUENT #2	C6+	23-Apr-25	02:00	PID = 1732
INFLUENT #3	C6+	23-Apr-25	13:00	PID = 1774

Notes:	
Tank Start	
	1.82 - 1.83 / 1.39 - 1.51

Start Date: 4/22/2025		700376.052.82				24HR		2097		Page 1 of 1		
Well Flow							Well Data					
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH ₂ O)	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:					
							RW-4 Vacuum (inH ₂ O)	MW-3 Vacuum (inH ₂ O)				
15:00	*1	92	87.4	15	1855	1598	28.8	23.9				
16:00		92	91.2	15	1836	1576	22.3	35.7				
17:00		90	92.6	15	1820	1577	16.7	38.6				
18:00		86	93.8	15	1804	1582	20.4	38.2				
19:00		82	95.1	15	1785	1584	23.9	38.4				
20:00		80	96.9	15	1763	1580	25.9	38.0				
21:00		76	96.3	15	1789	1576	25.4	37.6				
22:00		70	95.7	14	1801	1572	24.9	37.0				
23:00		70	94.7	14	1777	1578	24.2	36.9				
00:00		68	93.4	14	1743	1576	24.7	36.6				
01:00		64	92.8	14	1752	1574	24.8	36.0				
02:00	*2	62	91.4	14	1732	1570	24.5	35.7				
03:00		62	91.6	14	1719	1572	24.1	35.3				
04:00		62	91.1	14	1704	1568	24.4	35.5				
05:00		62	91.0	14	1689	1573	24.6	35.9				
06:00		62	90.8	14	1673	1575	24.3	35.6				
07:00		62	90.5	14	1696	1570	24.8	36.1				
08:00		64	90.2	15	1705	1572	24.5	36.4				
09:00		70	90.7	15	1721	1576	24.0	36.8				
10:00		74	90.9	15	1746	1572	24.3	36.9				
11:00		76	91.4	15	1732	1574	24.6	36.4				
12:00		78	91.1	15	1760	1576	24.7	36.7				
13:00	*3	78	91.2	15	1774	1571	24.9	37.0				
14:00		80	91.5	15	1785	1568	25.0	36.9				

Start Date: 5/27/2025		700376.052.82			24HR		1220/2097			Page 1 of 1	
Well Flow							Well Data				
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH ₂ O)	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:				
							2" Preso	MW-3 Vacuum (inH ₂ O)	MW-4 Vacuum (inH ₂ O)		
15:30	*1	86	63.2	12	2011	1560	17.4	12.2			
16:30		84	82.1	13	1996	1543	30.2	20.1			
17:30		82	86.2	14	1973	1527	30.1	20.6			
18:30		80	87.7	14	1921	1521	30.7	21.7			
19:30		80	88.3	15	1943	1515	31.6	22.6			
20:30		78	89.5	15	1936	1514	32.5	23.5			
21:30		76	90.1	15	1915	1511	33.7	24.8			
22:30		72	90.4	15	1901	1508	33.8	25.0			
23:30		70	90.9	15	1876	1503	34.2	25.7			
00:30		68	90.6	15	1861	1509	34.9	25.5			
01:30		64	91.8	15	1870	1510	35.3	25.1			
02:30	*2	64	92.3	15	1851	1514	35.6	25.6			
03:30		64	92.6	15	1832	1518	35.7	25.5			
04:30		62	92.7	15	1826	1520	35.5	25.8			
05:30		60	92.1	15	1847	1513	35.2	26.0			
06:30		60	92.9	15	1879	1511	35.3	25.7			
07:30		60	93.3	15	1885	1509	35.4	25.6			
08:30		60	93.0	15	1852	1510	35.2	25.4			
09:30		62	92.7	15	1879	1512	35.0	25.3			
10:30		72	92.6	15	1890	1519	35.1	25.1			
11:30		78	92.4	15	1907	1515	34.9	25.0			
12:30		80	92.9	15	1915	1518	35.1	25.2			
13:30	*3	80	93.0	15	1923	1511	35.4	25.3			
14:30		82	93.1	15	1936	1520	35.2	25.1			

MDPE FIELD NOTES

Site Name:	Hobbs Junction Mainline			Event #:	6
Location:	Hobbs, NM			Arrive at site:	16:00
Date:	6/3/2025				
Job #:	700376.052.82	SRS #:	2003-00017	Start Vac:	16:30
		Unit:	2097	Stop Vac:	16:30
Onsite Personnel:	B Huntington N Parker			Leave Site:	17:00

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-2	47.72	47.72	sheen	-	-	-	
MW-6	48.67	51.98	3.31	-	49.91	0.00	
MW-12	48.02	50.35	2.33	-	49.51	0.00	
WASTE:	H ₂ O:	303.79		PSH:	379.05		TOTAL (GAL): 682.84

Sample Name	Analysis	Date:	Time:	Comments:
INFLUENT #1	C6+	3-Jun-25	17:30	PID = 2276
INFLUENT #2	C6+	4-Jun-25	04:30	PID = 2172
INFLUENT #3	C6+	4-Jun-25	15:30	PID = 2030

Notes:	
Tank	
	9.09 / 9.05

Start Date: 6/3/2025		700376.052.82			24HR		2097		Page 1 of 1		
Well Flow							Well Data				
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH ₂ O)	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:				
							2" Preso	MW-6 Vacuum (inH ₂ O)	MW-12 Vacuum (inH ₂ O)		
17:30	*1	98	87.1	16	2276	1516	21.2	23.6			
18:30		92	86.2	16	2253	1520	21.8	25.2			
19:30		90	85.7	16	2220	1516	22.2	26.9			
20:30		86	85.1	16	2205	1518	22.6	28.0			
21:30		78	84.8	16	2217	1517	22.0	28.5			
22:30		74	84.2	16	2236	1515	21.7	28.7			
23:30		70	83.6	16	2248	1514	21.5	28.2			
0:30		68	82.5	16	2225	1512	21.1	28.4			
1:30		64	81.7	16	2203	1520	20.9	28.9			
2:30		60	80.3	16	2185	1519	20.5	28.8			
3:30		60	80.5	16	2179	1517	20.6	29.0			
4:30	*2	60	80.8	16	2172	1516	20.9	29.3			
5:30		58	81.2	16	2154	1518	21.3	29.7			
6:30		58	81.7	16	2136	1514	21.6	30.2			
7:30		58	81.5	16	2120	1521	21.2	30.3			
8:30		58	81.4	16	2109	1520	21.4	29.9			
9:30		58	81.1	16	2094	1516	21.0	29.7			
10:30		64	80.8	16	2077	1517	20.8	29.5			
11:30		68	81.3	16	2054	1514	20.5	29.5			
12:30		70	81.5	16	2063	1509	20.9	29.5			
13:30		76	81.6	16	2049	1503	21.6	29.7			
14:30		78	81.9	16	2038	1507	21.4	30.2			
15:30	*3	82	82.3	16	2030	1510	21.8	30.4			
16:30		86	82.1	16	2021	1514	21.5	30.1			

MDPE FIELD NOTES

Site Name:	Hobbs Junction Mainline			Event #:	7
Location:	Hobbs, NM			Arrive at site:	13:30
Date:	7/15/2025				
Job #:	700376.052.82	SRS #:	2003-00017	Start Vac:	14:00
		Unit:	2097	Stop Vac:	14:00
Onsite Personnel:	B Huntington N Parker			Leave Site:	14:30

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-4	47.41	50.89	3.48	-	48.72	0.00	
MW-3	47.90	50.82	2.92	-	49.02	0.00	
WASTE:	H ₂ O:	697.41		PSH:	179.77		TOTAL (GAL): 877.18

Sample Name	Analysis	Date:	Time:	Comments:
INFLUENT #1	C6+	15-Jul-25	15:00	PID = 2288
INFLUENT #2	C6+	16-Jul-25	02:00	PID = 2105
INFLUENT #3	C6+	16-Jul-25	13:00	PID = 2011

Notes:	
Tank Start: Empty	
Finish: 9.03 - 9.17	

Start Date: 7/15/2025		700376.052.82			24HR		2097		Page 1 of 1		
Well Flow							Well Data				
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH ₂ O)	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:				
							2" Preso	MW-3 Vacuum (inH ₂ O)	MW-4 Vacuum (inH ₂ O)		
15:00	*1	98	104.6	14	2288	1420	35.1	25.5			
16:00		98	103.2	14	2257	1417	35.2	26.2			
17:00		96	102.9	14	2221	1410	35.7	27.1			
18:00		92	102.5	13	2203	1409	35.5	27.4			
19:00		88	101.8	13	2186	1412	35.1	28.5			
20:00		86	101.5	13	2169	1413	35.4	28.6			
21:00		82	101.5	13	2172	1416	35.9	28.1			
22:00		80	101.1	13	2158	1410	35.3	28.4			
23:00		78	100.7	13	2136	1413	35.2	28.5			
0:00		76	99.7	13	2119	1415	34.8	28.2			
1:00		72	100.5	13	2120	1412	35.3	28.6			
2:00	*2	72	100.8	13	2105	1410	35.7	28.8			
3:00		70	101.6	13	2091	1415	36.2	28.9			
4:00		70	102.2	13	2076	1404	36.0	29.2			
5:00		68	101.9	13	2082	1416	36.3	29.5			
6:00		68	101.5	14	2098	1409	35.6	29.1			
7:00		70	101.2	14	2103	1411	35.8	29.0			
8:00		74	101.9	14	2076	1405	35.4	29.3			
9:00		78	102.6	14	2062	1410	35.7	29.7			
10:00		84	101.3	14	2057	1407	35.6	29.2			
11:00		92	101.5	14	2038	1412	35.8	29.5			
12:00		96	101.7	14	2025	1414	36.3	29.8			
13:00	*3	100	101.3	14	2011	1410	36.5	25.3			
14:00		102	101.6	14	2001	1415	36.0	25.5			

MDPE FIELD NOTES

Site Name:	Hobbs Junction Mainline			Event #:	8
Location:	Hobbs, NM			Arrive at site:	12:30
Date:	8/5/2025				
Job #:	700376.052.82	SRS #:	2003-00017	Start Vac:	13:00
		Unit:	2097	Stop Vac:	13:00
Onsite Personnel:	B Huntington N Parker			Leave Site:	13:30

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-4	47.46	50.72	3.26	-	48.26	0.00	
MW-3	48.20	49.24	1.04	-	49.03	0.00	
WASTE:	H ₂ O:	2258.99		PSH:	231.84		TOTAL (GAL): 2490.83

Sample Name	Analysis	Date:	Time:	Comments:
INFLUENT #1	C6+	5-Aug-25	14:00	PID = 2343
INFLUENT #2	C6+	6-Aug-25	01:00	PID = 2275
INFLUENT #3	C6+	6-Aug-25	12:00	PID = 2135

Notes:	
Tank Start:	4.48 - 4.50
Finish:	3.34 - 3.47

Start Date: 8/5/2025		700376.052.82				24HR		2097		Page 1 of 1		
Well Flow							Well Data					
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH ₂ O)	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:					
							2" Preso	MW-3 Vacuum (inH ₂ O)	MW-4 Vacuum (inH ₂ O)			
14:00	*1	102	96.5	15	2343	1457	34.4	24.5				
15:00		102	97.1	14	2339	1453	33.3	24.1				
16:00		104	97.9	14	2352	1460	32.6	23.6				
17:00		104	98.2	14	2361	1459	32.2	23.7				
18:00		104	98.6	14	2357	1463	31.5	23.9				
19:00		100	98.9	14	2348	1460	32.6	24.4				
20:00		96	99.4	14	2333	1458	32.9	24.9				
21:00		90	99.2	14	2309	1452	33.0	25.2				
22:00		90	99.1	14	2296	1455	33.2	25.0				
23:00		86	98.7	14	2311	1450	32.7	24.7				
0:00		84	98.5	14	2285	1452	32.5	24.5				
1:00	*2	82	98.2	14	2275	1448	32.1	24.3				
2:00		80	98.6	14	2252	1447	32.7	24.9				
3:00		80	98.0	14	2236	1445	32.0	24.6				
4:00		78	98.7	14	2242	1449	32.3	24.3				
5:00		78	98.4	14	2229	1447	32.2	24.5				
6:00		76	98.3	14	2208	1450	32.6	24.7				
7:00		74	98.5	14	2174	1449	32.2	24.4				
8:00		76	98.4	14	2156	1456	32.0	24.9				
9:00		80	98.9	14	2168	1452	32.5	24.7				
10:00		86	99.0	14	2147	1450	32.3	25.0				
11:00		92	99.2	14	2154	1455	33.1	25.3				
12:00	*3	100	99.6	14	2135	1457	33.6	25.5				
13:00		102	99.3	14	2149	1459	33.3	25.7				

MDPE FIELD NOTES

Site Name:	Hobbs Junction Mainline			Event #:	9
Location:	Hobbs, NM			Arrive at site:	13:30
Date:	9/2/2025				
Job #:	700376.052.82	SRS #:	2003-00017	Start Vac:	14:00
		Unit:	2097	Stop Vac:	14:00
Onsite Personnel:	B Huntington N Parker			Leave Site:	14:30

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-4	47.44	50.47	3.03	-	48.72	0.00	
MW-3	48.09	50.30	2.21	-	49.63	0.00	
WASTE:	H ₂ O:	1209.9281		PSH:	168.9801		TOTAL (GAL): 1378.9082

Sample Name	Analysis	Date:	Time:	Comments:
INFLUENT #1	C6+	2-Sep-25	15:00	PID = 1943
INFLUENT #2	C6+	3-Sep-25	02:00	PID = 2035
INFLUENT #3	C6+	3-Sep-25	13:00	PID = 2137

Notes:	
Propane:	35% - 20%
Tank Start :	9.16ft water - 8.24 - 8.34

Start Date: 9/2/2025		700376.052.82			24HR		2097		Page 1 of 1		
Well Flow							Well Data				
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH ₂ O) 2" Preso	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:				
							MW-3 Vacuum (inH ₂ O)	MW-4 Vacuum (inH ₂ O)			
15:00	*1	104	86.2	16	1943	1413	31.7	19.3			
16:00		104	104.6	14	1957	1521	33.4	23.8			
17:00		100	103.1	14	1973	1532	34.6	25.7			
18:00		96	101.3	14	1964	1540	35.2	27.9			
19:00		88	100.8	14	1977	1542	35.1	27.8			
20:00		80	100.2	14	1985	1544	35.0	27.5			
21:00		76	99.6	14	1999	1541	34.8	27.3			
22:00		70	99.3	14	2007	1540	34.6	27.3			
23:00		68	99.0	14	2019	1537	34.5	27.4			
0:00		66	98.5	14	2023	1538	34.8	27.1			
1:00		64	98.9	14	2026	1535	35.1	27.3			
2:00	*2	60	99.4	14	2035	1531	35.3	27.7			
3:00		60	99.7	14	2047	1537	35.6	27.9			
4:00		60	100.3	14	2062	1535	35.7	28.0			
5:00		60	100.5	14	2069	1539	35.5	28.3			
6:00		60	100.9	14	2073	1541	35.4	28.5			
7:00		62	101.2	14	2095	1543	35.8	28.6			
8:00		62	101.6	14	2104	1540	36.2	28.8			
9:00		70	101.0	14	2092	1555	35.9	28.5			
10:00		78	100.5	14	2117	1569	35.7	28.0			
11:00		82	100.1	14	2125	1578	35.8	27.8			
12:00		88	99.8	14	2130	1584	35.5	28.3			
13:00	*3	90	99.4	14	2137	1591	35.9	28.1			
14:00		90	100.2	14	2142	1589	36.1	28.4			

MDPE FIELD NOTES

Site Name:	Hobbs Junction Mainline			Event #:	10
Location:	Hobbs, NM			Arrive at site:	14:00
Date:	10/14/2025				
Job #:	700376.052.82	SRS #:	2003-00017	Start Vac:	14:30
		Unit:	2097	Stop Vac:	14:30
Onsite Personnel:	B Huntington N Parker			Leave Site:	15:00

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-4	47.42	50.94	3.52	-	48.69	0.00	
MW-3	48.08	49.90	1.82	-	49.41	0.00	
WASTE:	H ₂ O:	986.95		PSH:	134.34		TOTAL (GAL): 1121.29

Sample Name	Analysis	Date:	Time:	Comments:
INFLUENT #1	C6+	14-Oct-25	15:30	PID = 1915
INFLUENT #2	C6+	15-Oct-25	02:30	PID = 2021
INFLUENT #3	C6+	15-Oct-25	13:30	PID = 2138

Notes:	
Propane:	75% - 60%
Tank Start :	5.13ft water - 4.63 - 4.69

Start Date: 10/14/2025		700376.052.82			24HR		2097		Page 1 of 1		
Well Flow							Well Data				
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH ₂ O) 2" Preso	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:				
							MW-3 Vacuum (inH ₂ O)	MW-4 Vacuum (inH ₂ O)			
15:30	*1	86	92.2	15	1915	1515	32.8	15.1			
16:30		86	93.1	14	1937	1548	32.9	25.4			
17:30		84	101.3	14	1962	1545	33.4	24.6			
18:30		84	100.8	14	1949	1540	33.2	24.7			
19:30		78	99.7	14	1953	1525	33.1	24.9			
20:30		72	99.2	14	1970	1514	33.4	24.8			
21:30		70	100.0	14	1976	1515	33.0	25.0			
22:30		68	97.3	14	1969	1508	32.6	24.6			
23:30		64	97.2	14	1984	1517	32.3	24.9			
0:30		64	96.8	14	2003	1520	31.9	24.8			
1:30		62	96.3	14	2015	1522	31.6	24.7			
2:30	*2	62	95.6	14	2021	1524	31.3	24.8			
3:30		60	94.9	14	2011	1520	31.2	24.6			
4:30		60	93.2	14	2001	1518	31.4	24.3			
5:30		60	93.0	14	2029	1515	31.6	24.6			
6:30		60	92.8	14	2067	1511	31.1	24.4			
7:30		60	92.6	14	2094	1509	31.3	24.3			
8:30		60	92.0	14	2083	1500	31.2	24.6			
9:30		66	93.6	14	2076	1501	32.0	24.9			
10:30		70	94.4	14	2089	1499	32.5	25.2			
11:30		74	95.8	14	2104	1502	32.8	25.5			
12:30		80	98.0	14	2126	1503	32.9	25.8			
13:30	*3	80	99.5	14	2138	1505	33.1	25.6			
14:30		82	100.2	14	2144	1496	33.5	26.4			

MDPE FIELD NOTES

Site Name:	Hobbs Junction Mainline			Event #:	11
Location:	Hobbs, NM			Arrive at site:	13:30
Date:	11/3/2025				
Job #:	700376.052.82	SRS #:	2003-00017	Start Vac:	14:00
		Unit:	2097	Stop Vac:	14:00
Onsite Personnel:	B Huntington N Parker			Leave Site:	14:30

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-10	48.10	48.96	0.86	-	50.38	0.00	
MW-2	47.58	47.60	0.02	-	-	-	
WASTE:	H ₂ O:	1654.91		PSH:	71.27		TOTAL (GAL): 1726.18

Sample Name	Analysis	Date:	Time:	Comments:
INFLUENT #1	C6+	3-Nov-25	15:00	PID = 969
INFLUENT #2	C6+	4-Nov-25	02:00	PID = 1003
INFLUENT #3	C6+	4-Nov-25	13:00	PID = 1102

Notes:	
Propane:	60% - 45%
Tank Start:	9.13 (no PSH) End: 8.02 - 8.06

Start Date: 11/3/2025		700376.052.82			24HR		2097		Page 1 of 1		
Well Flow							Well Data				
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH ₂ O) 2" Preso	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:				
							MW-10 Vacuum (inH ₂ O)				
15:00	*1	90	52.0	21	969	1420	13.9				
16:00		88	51.7	21	984	1431	13.7				
17:00		80	51.3	21	996	1439	13.5				
18:00		78	51.0	21	974	1445	13.6				
19:00		76	50.9	21	958	1448	13.8				
20:00		68	50.6	21	946	1457	13.7				
21:00		60	50.2	21	969	1465	13.6				
22:00		58	50.4	21	981	1472	13.7				
23:00		56	50.0	21	997	1479	13.4				
0:00		52	49.8	21	1017	1484	13.5				
1:00		50	49.7	21	1009	1494	13.7				
2:00	*2	50	49.7	21	1003	1492	13.8				
3:00		48	49.5	21	984	1496	13.9				
4:00		46	49.8	21	976	1501	14.0				
5:00		44	49.9	21	1038	1503	14.1				
6:00		44	50.0	21	1059	1505	14.1				
7:00		44	50.3	21	1076	1499	14.3				
8:00		54	51.1	21	1064	1489	14.5				
9:00		64	51.7	21	1070	1483	14.7				
10:00		68	52.4	21	1086	1485	14.6				
11:00		72	52.6	21	1094	1486	14.4				
12:00		86	49.5	21	1116	1483	14.3				
13:00	*3	90	52.2	21	1102	1485	14.1				
14:00		96	53.3	21	1095	1480	14.4				

MDPE FIELD NOTES

Site Name:	Hobbs Junction Mainline			Event #:	12
Location:	Hobbs, NM			Arrive at site:	13:00
Date:	12/2/2025				
Job #:	700376.052.82	SRS #:	2003-00017	Start Vac:	13:30
		Unit:	2097	Stop Vac:	13:30
Onsite Personnel:	B Huntington L Bridges			Leave Site:	14:00

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-2	47.55	48.19	0.64	-	48.96	0.00	
MW-8	47.60	47.63	0.03	-	49.21	0.00	
MW-10	48.35	48.36	0.01	-	-	-	
WASTE:	H ₂ O:	1426.24		PSH:	129.32		TOTAL (GAL): 1555.56

Sample Name	Analysis	Date:	Time:	Comments:
INFLUENT #1	C6+	2-Dec-25	14:30	PID = 1126
INFLUENT #2	C6+	3-Dec-25	01:30	PID = 1012
INFLUENT #3	C6+	3-Dec-25	12:30	PID = 954

Notes:	
Tank Start: 7.27 / 7.28	Finish: 6.52 / 6.59

Start Date: 12/2/2025		700376.052.82			24HR		2097		Page 1 of 1		
Time	Sample Taken	Well Flow					Well Data				
		Influent Temperature (°F)	Differential Pressure (inH ₂ O) 2" Preso	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments:				
							MW-2 Vacuum (inH ₂ O)	MW-8 Vacuum (inH ₂ O)			
14:30	*1	62	59.7	19	1126	1419	9.9	10.0			
15:30		62	62.5	17	1105	1447	18.0	9.6			
16:30		60	64.8	17	1098	1458	18.6	9.5			
17:30		60	65.3	17	1076	1460	18.5	9.1			
18:30		58	65.9	17	1084	1463	18.9	9.8			
19:30		56	66.4	17	1091	1472	18.6	9.4			
20:30		52	66.7	17	1070	1470	19.1	9.6			
21:30		48	68.2	17	1075	1469	19.3	9.8			
22:30		46	69.1	17	1063	1461	19.0	9.9			
23:30		46	70.1	17	1047	1472	19.1	9.3			
0:30		46	70.5	17	1026	1473	19.2	9.5			
1:30	*2	46	70.3	17	1012	1483	19.4	10.2			
2:30		46	70.9	17	1001	1486	19.6	10.0			
3:30		46	71.6	17	976	1484	19.7	10.4			
4:30		46	71.2	17	938	1480	19.9	10.2			
5:30		46	71.0	17	927	1485	20.2	10.0			
6:30		50	71.3	17	944	1487	20.0	10.1			
7:30		50	71.8	17	969	1492	20.4	10.6			
8:30		54	71.5	17	988	1491	20.2	10.5			
9:30		56	71.9	17	1009	1494	20.5	10.7			
10:30		58	72.5	17	984	1493	19.6	10.4			
11:30		60	72.7	17	973	1494	19.2	10.3			
12:30	*3	62	75.7	17	954	1490	18.9	9.9			
13:30		62	74.6	17	968	1491	18.7	10.2			



ATTACHMENT 2

Laboratory Analytical Results



Certificate of Analysis
 Number: 1030-25010518-001A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 01/22/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 01/09/2025 19:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 01/16/2025
Analyzed: 01/20/2025 15:53:03 by EKK	Login Date: 01/17/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	86.722	81.283		GPM TOTAL C2+	0.791
Methane	3.926	2.107		GPM TOTAL C3+	0.791
Carbon Dioxide	7.470	10.999		GPM TOTAL iC5+	0.776
Ethane	NIL	NIL	NIL		
Propane	0.001	0.001	NIL		
Iso-butane	0.005	0.010	0.002		
n-Butane	0.043	0.084	0.013		
Iso-pentane	0.113	0.273	0.041		
n-Pentane	0.171	0.413	0.062		
Hexanes Plus	1.549	4.830	0.673		
	100.000	100.000	0.791		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0323	3.2176
Calculated Molecular Weight	29.89	93.19
Compressibility Factor	0.9992	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	132	5113
Water Sat. Gas Base BTU	129	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25010518-002A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 2	Report Date: 01/22/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 01/10/2025 06:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 01/16/2025
Analyzed: 01/20/2025 17:01:12 by EKK	Login Date: 01/17/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	87.866	82.576		GPM TOTAL C2+	0.781
Methane	3.531	1.900		GPM TOTAL C3+	0.781
Carbon Dioxide	6.748	9.963		GPM TOTAL iC5+	0.766
Ethane	NIL	NIL	NIL		
Propane	0.002	0.003	0.001		
Iso-butane	0.004	0.008	0.001		
n-Butane	0.041	0.080	0.013		
Iso-pentane	0.105	0.254	0.038		
n-Pentane	0.153	0.370	0.055		
Hexanes Plus	1.550	4.846	0.673		
	100.000	100.000	0.781		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0296	3.2176
Calculated Molecular Weight	29.81	93.19
Compressibility Factor	0.9993	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	127	5113
Water Sat. Gas Base BTU	125	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25010518-003A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name:	Influent # 3	Report Date:	01/22/2025
Station Number:	700376.052.82	Sampled By:	BH
Station Location:	Hobbs, NM	Sample Of:	Gas Spot
Sample Point:	Hobbs Junction	Sample Date:	01/10/2025 17:00
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	01/16/2025
Analyzed:	01/20/2025 17:28:24 by EKK	Login Date:	01/17/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia	
Nitrogen	84.608	78.541		GPM TOTAL C2+ 0.826
Methane	4.196	2.231		GPM TOTAL C3+ 0.826
Carbon Dioxide	9.220	13.446		GPM TOTAL iC5+ 0.803
Ethane	NIL	NIL	NIL	
Propane	0.002	0.003	0.001	
Iso-butane	0.008	0.015	0.003	
n-Butane	0.059	0.114	0.019	
Iso-pentane	0.143	0.342	0.052	
n-Pentane	0.200	0.478	0.072	
Hexanes Plus	1.564	4.830	0.679	
	100.000	100.000	0.826	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0424	3.2176
Calculated Molecular Weight	30.18	93.19
Compressibility Factor	0.9992	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	138	5113
Water Sat. Gas Base BTU	136	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

			SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Dept. Code:		SPL Page 1 of 1				
Report To: (Company Name): Talon LPE			Project/Station Name:		Project/Station Number:		Project/Station Location:		Requested TAT						
Address 921 N. Bivins			Hobbs Junction		700376 05282		Hobbs NM		<input type="checkbox"/> 24hr * <input type="checkbox"/> 48hr * <input type="checkbox"/> 72hr * <input type="checkbox"/> Standard <input type="checkbox"/> Other Indicate Below						
City/State/Zip Amarillo, Texas 79107			Special Instructions:												
Contact: Jason Shubert															
Phone: 806-467-0607			Fax: 806-467-0622												
Invoice To: (Company Name): Talon LPE			Indicate Billing Type.		Net 30 day Acct. <input type="checkbox"/>		Check #		Cash Recv'd \$						
Address 921 N Bivins					Credit Card <input type="checkbox"/>		Contact SPL, Inc for CC payment arrangements.								
City/State/Zip Amarillo, Texas 79107			* Terms: Cylinders will be rented for \$10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.			Requested Analysis						 BY: 13:55 pm * Surcharges May Apply			
Contact: Jason Shubert															
Phone: 806-467-0607			Fax: 806-467-0622												
PO / Ref. No.:															
Contract/Proposal #:															
Sample ID & Point		Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder Tracking Info *							
								Cylinder #	Date Out	Date In	Comments				
IN Act 1		1-9-25	1900	Gas											
IN Act 2		1-10-25	0600												
IN Act 3		1-10-25	1700												
Sampled By-Print Name: BA...			Company Name:												
Signature: BA...															
Relinquished By-Print Name: BA...			Date:	Time:	Received By-Print Name:			Date:	Time:						
Signature: BA...			1-10-25		Perry										
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:			Date:	Time:						
Signature:					Signature:										
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:			Date:	Time:						
Signature:					Signature:										

- 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901
- 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337
- P.O. Box 3079 Laurel, MS 39442 (601) 428-0842
- 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775
- 1595 US 79 South Carthage, TX 75633 (903) 693-6242
- 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be emailed to you.



Certificate of Analysis
 Number: 1030-25020632-001A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 02/21/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 02/13/2025 18:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Front TCD #16A	Received Date: 02/19/2025
Analyzed: 02/21/2025 13:50:00 by PTW	Login Date: 02/19/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	92.462	89.801		GPM TOTAL C2+	0.428
Methane	2.898	1.612		GPM TOTAL C3+	0.428
Carbon Dioxide	3.584	5.468		GPM TOTAL iC5+	0.407
Ethane	NIL	NIL	NIL		
Propane	0.003	0.005	0.001		
Iso-butane	0.007	0.014	0.002		
n-Butane	0.058	0.117	0.018		
Iso-pentane	0.136	0.340	0.049		
n-Pentane	0.151	0.378	0.054		
Hexanes Plus	0.701	2.265	0.304		
	100.000	100.000	0.428		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9960	3.2176
Calculated Molecular Weight	28.84	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	79	5113
Water Sat. Gas Base BTU	77	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25020632-002A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name:	Influent # 2	Report Date:	02/21/2025
Station Number:	700376.052.82	Sampled By:	BH
Station Location:	Hobbs, NM	Sample Of:	Gas Spot
Sample Point:	Hobbs Junction	Sample Date:	02/14/2025 05:30
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Front TCD #16A	Received Date:	02/19/2025
Analyzed:	02/21/2025 14:17:33 by PTW	Login Date:	02/19/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	90.602	87.583		GPM TOTAL C2+	0.490
Methane	3.676	2.035		GPM TOTAL C3+	0.490
Carbon Dioxide	4.514	6.855		GPM TOTAL iC5+	0.464
Ethane	NIL	NIL	NIL		
Propane	0.002	0.003	0.001		
Iso-butane	0.008	0.016	0.003		
n-Butane	0.069	0.138	0.022		
Iso-pentane	0.158	0.393	0.057		
n-Pentane	0.199	0.495	0.072		
Hexanes Plus	0.772	2.482	0.335		
	100.000	100.000	0.490		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0008	3.2176
Calculated Molecular Weight	28.98	93.19
Compressibility Factor	0.9994	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	93	5113
Water Sat. Gas Base BTU	92	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25020632-003A

Houston Laboratories

8820 Interchange Drive

Houston, TX 77054

Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 3
 Station Number: 700376.052.82
 Station Location: Hobbs, NM
 Sample Point: Hobbs Junction
 Method: GPA-2261M
 Instrument: HGC 16 A + 16B, Front TCD #16A
 Analyzed: 02/21/2025 14:40:50 by PTW

Report Date: 02/21/2025
 Sampled By: BH
 Sample Of: Gas Spot
 Sample Date: 02/14/2025 16:30
 Sample Conditions:
 Received Date: 02/19/2025
 Login Date: 02/19/2025

Analytical Data


Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	85.909	82.304		GPM TOTAL C2+	0.656
Methane	6.074	3.332		GPM TOTAL C3+	0.656
Carbon Dioxide	6.414	9.654		GPM TOTAL iC5+	0.629
Ethane	NIL	NIL	NIL		
Propane	0.003	0.005	0.001		
Iso-butane	0.008	0.016	0.003		
n-Butane	0.074	0.147	0.023		
Iso-pentane	0.164	0.405	0.060		
n-Pentane	0.248	0.612	0.089		
Hexanes Plus	1.106	3.525	0.480		
	100.000	100.000	0.656		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0099	3.2176
Calculated Molecular Weight	29.24	93.19
Compressibility Factor	0.9993	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	137	5113
Water Sat. Gas Base BTU	135	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

			SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Dept. Code:		SPL Page <u>1</u> of <u>1</u>		
			Report To: (Company Name): Talon LPE		Project/Station Name: Hobbs Junction		Project/Station Number: 703705202		Project/Station Location: Hobbs NM		Requested TAT		
Address: 921 N. Bivins			Special Instructions:									<input type="checkbox"/> 24hr *	
City/State/Zip: Amarillo, Texas 79107												<input type="checkbox"/> 48hr *	
Contact: Jason Shubert												<input type="checkbox"/> 72hr *	
Phone: 806-467-0607		Fax: 806-467-0622	Indicate Billing Type:		Net 30 day Acct. <input type="checkbox"/>		Check #		Cash Recv'd \$		<input type="checkbox"/> Standard		
Address: 921 N Bivins			Credit Card <input type="checkbox"/>		Contact SPL, Inc for CC payment arrangements.							<input type="checkbox"/> Other Indicate Below	
City/State/Zip: Amarillo, Texas 79107			* Terms: Cylinders will be rented for \$10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.		Requested Analysis							FEB 19 2025 13:12 pm	
Contact: Jason Shubert													
Phone: 806-467-0607		Fax: 806-467-0622											
PO / Ref. No.:													
Contract/Proposal #:			Cylinder Tracking Info *									* Surcharges May Apply	
Sample ID & Point	Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate								Composite	Spot
INLET 1	2-13-25	1830	Gas										
INLET 2	2-14-25	0530	/										
INLET 3	2-14-25	1630	/										
Sampled By-Print Name: B. H. [Signature]			Company Name:										
Signature: [Signature]			Date: 2-14-25		Time:		Received By-Print Name: [Signature]		Date:		Time:		
Relinquished By-Print Name: B. H. [Signature]			Date:		Time:		Received By-Print Name:		Date:		Time:		
Signature:			Date:		Time:		Signature:		Date:		Time:		
Relinquished By-Print Name:			Date:		Time:		Received By-Print Name:		Date:		Time:		
Signature:			Date:		Time:		Signature:		Date:		Time:		

- 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901
- 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337
- P.O. Box 3079 Laurel, MS 39442 (601) 428-0842
- 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775
- 1595 US 78 South Carthage, TX 75633 (903) 693-6242
- 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be emailed to you.



Certificate of Analysis
 Number: 1030-25030662-001A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 03/21/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 03/11/2025 14:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 03/20/2025
Analyzed: 03/21/2025 08:03:21 by PTW	Login Date: 03/20/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	84.864	79.638		GPM TOTAL C2+	0.815
Methane	5.151	2.768		GPM TOTAL C3+	0.815
Carbon Dioxide	8.024	11.829		GPM TOTAL iC5+	0.787
Ethane	NIL	NIL	NIL		
Propane	0.004	0.006	0.001		
Iso-butane	0.011	0.021	0.004		
n-Butane	0.074	0.144	0.023		
Iso-pentane	0.144	0.348	0.052		
n-Pentane	0.211	0.510	0.076		
Hexanes Plus	1.517	4.736	0.659		
	100.000	100.000	0.815		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0311	3.2176
Calculated Molecular Weight	29.85	93.19
Compressibility Factor	0.9992	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	147	5113
Water Sat. Gas Base BTU	144	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25030662-002A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 2	Report Date: 03/21/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 03/12/2025 01:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 03/20/2025
Analyzed: 03/21/2025 08:25:23 by PTW	Login Date: 03/20/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	83.142	77.755		GPM TOTAL C2+	0.833
Methane	5.814	3.114		GPM TOTAL C3+	0.833
Carbon Dioxide	9.032	13.270		GPM TOTAL iC5+	0.801
Ethane	NIL	NIL	NIL		
Propane	0.005	0.007	0.001		
Iso-butane	0.014	0.027	0.005		
n-Butane	0.083	0.161	0.026		
Iso-pentane	0.159	0.383	0.058		
n-Pentane	0.234	0.564	0.084		
Hexanes Plus	1.517	4.719	0.659		
	100.000	100.000	0.833		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0347	3.2176
Calculated Molecular Weight	29.95	93.19
Compressibility Factor	0.9991	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	155	5113
Water Sat. Gas Base BTU	153	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25030662-003A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 3	Report Date: 03/21/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 03/12/2025 12:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 03/20/2025
Analyzed: 03/21/2025 08:49:37 by PTW	Login Date: 03/20/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	85.841	80.694		GPM TOTAL C2+	0.810
Methane	4.757	2.561		GPM TOTAL C3+	0.810
Carbon Dioxide	7.457	11.013		GPM TOTAL iC5+	0.782
Ethane	NIL	NIL	NIL		
Propane	0.006	0.009	0.002		
Iso-butane	0.010	0.020	0.003		
n-Butane	0.072	0.140	0.023		
Iso-pentane	0.142	0.344	0.052		
n-Pentane	0.204	0.494	0.074		
Hexanes Plus	1.511	4.725	0.656		
	100.000	100.000	0.810		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0293	3.2176
Calculated Molecular Weight	29.80	93.19
Compressibility Factor	0.9992	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	142	5113
Water Sat. Gas Base BTU	139	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc. Analysis Request Chain of Custody Record

			SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Dept. Code:		SPL Page 1 of 1			
Report To: (Company Name): Talon LPE			Project/Station Name:		Project/Station Number:		Project/Station Location:		Requested TAT					
Address: 921 N. Bivins			Hobbs Junction		700376-057289		Hobbs Nm		<input type="checkbox"/> 24hr * <input type="checkbox"/> 48hr * <input type="checkbox"/> 72hr * <input type="checkbox"/> Standard <input type="checkbox"/> Other Indicate Below					
City/State/Zip: Amarillo, Texas 79107			Special Instructions:											
Contact: Jason Shubert														
Phone: 806-467-0607 Fax: 806-467-0622														
Invoice To: (Company Name): Talon LPE			Indicate Billing Type:		Net 30 day Acct. <input type="checkbox"/>		Check #		Cash Rec'd		S			
Address: 921 N Bivins					Credit Card <input type="checkbox"/>		Contact SPL, Inc for CC payment arrangements.							
City/State/Zip: Amarillo, Texas 79107			* Terms: Cylinders will be rented for \$10/cyl. All cylinders checked out are to be returned within 21 days. whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.		Requested Analysis								 BY: _____ * Surcharges May Apply Comments	
Contact: Jason Shubert														
Phone: 806-467-0607 Fax: 806-467-0622														
PO / Ref. No.:														
Contract/Proposal #:														
Sample ID & Point		Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder Tracking Info *						
								Cylinder #	Date Out	Date In				
Inlet 1		3-11-25	1400	Gas										
Inlet 2		3-12-25	0100											
Inlet 3		3-12-25	1200											
Sampled By-Print Name: B. H. Taylor			Company Name:											
Signature: [Signature]														
Relinquished By-Print Name: B. H. Taylor			Date:	Time:	Received By-Print Name:				Date:	Time:				
Signature: [Signature]			3-12-25		Signature:									
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:				Date:	Time:				
Signature:					Signature:									
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:				Date:	Time:				
Signature:					Signature: [Signature]									

- 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901
- 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337
- P.O. Box 3078 Laurel, MS 39442 (601) 428-0842
- 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775
- 1595 US 79 South Carthage, TX 75633 (903) 693-6242
- 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be emailed to you.



Certificate of Analysis

Number: 1030-25041027-001A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 05/01/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 04/22/2025 15:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 04/29/2025
Analyzed: 04/30/2025 15:51:01 by EKK	Login Date: 04/29/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	86.985	80.267		GPM TOTAL C2+	1.256
Methane	3.903	2.062		GPM TOTAL C3+	1.256
Carbon Dioxide	6.132	8.889		GPM TOTAL iC5+	1.233
Ethane	NIL	NIL	NIL		
Propane	0.002	0.003	0.001		
Iso-butane	0.008	0.015	0.003		
n-Butane	0.062	0.119	0.019		
Iso-pentane	0.159	0.378	0.058		
n-Pentane	0.247	0.587	0.089		
Hexanes Plus	2.502	7.680	1.086		
	100.000	100.000	1.256		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0487	3.2176
Calculated Molecular Weight	30.36	93.19
Compressibility Factor	0.9991	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	186	5113
Water Sat. Gas Base BTU	183	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25041027-002A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 2	Report Date: 05/01/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 04/23/2025 02:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 04/29/2025
Analyzed: 04/30/2025 17:14:13 by EKK	Login Date: 04/29/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	86.452	79.836		GPM TOTAL C2+	1.232
Methane	4.187	2.214		GPM TOTAL C3+	1.232
Carbon Dioxide	6.436	9.337		GPM TOTAL iC5+	1.209
Ethane	NIL	NIL	NIL		
Propane	0.002	0.003	0.001		
Iso-butane	0.007	0.013	0.002		
n-Butane	0.065	0.125	0.020		
Iso-pentane	0.161	0.383	0.059		
n-Pentane	0.252	0.599	0.091		
Hexanes Plus	2.438	7.490	1.059		
	100.000	100.000	1.232		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0479	3.2176
Calculated Molecular Weight	30.33	93.19
Compressibility Factor	0.9991	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	186	5113
Water Sat. Gas Base BTU	183	5024

Comments: Reran Sample Confirmed GC Analysis

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25041027-003A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name:	Influent # 3	Report Date:	05/01/2025
Station Number:	700376.052.82	Sampled By:	BH
Station Location:	Hobbs, NM	Sample Of:	Gas Spot
Sample Point:	Hobbs Junction	Sample Date:	04/23/2025 13:00
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	04/29/2025
Analyzed:	04/30/2025 17:41:10 by EKK	Login Date:	04/29/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	85.899	79.216		GPM TOTAL C2+	1.256
Methane	4.450	2.350		GPM TOTAL C3+	1.256
Carbon Dioxide	6.666	9.658		GPM TOTAL iC5+	1.232
Ethane	NIL	NIL	NIL		
Propane	0.003	0.004	0.001		
Iso-butane	0.008	0.015	0.003		
n-Butane	0.065	0.124	0.020		
Iso-pentane	0.166	0.394	0.060		
n-Pentane	0.255	0.606	0.092		
Hexanes Plus	2.488	7.633	1.080		
	100.000	100.000	1.256		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0494	3.2176
Calculated Molecular Weight	30.38	93.19
Compressibility Factor	0.9991	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	191	5113
Water Sat. Gas Base BTU	188	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

			SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Dept. Code:		SPL Page <u>1</u> of <u>1</u>																																																	
Report To: (Company Name): Talon LPE			Project/Station Name: Hobbs Junction		Project/Station Number: 70037605282		Project/Station Location: Hobbs Nm					Requested TAT																																																
Address: 921 N. Bivins			Special Instructions:										<input type="checkbox"/> 24hr *																																															
City/State/Zip: Amarillo, Texas 79107													<input type="checkbox"/> 48hr *																																															
Contact: Jason Shubert													<input type="checkbox"/> 72hr *																																															
Phone: 806-467-0607 Fax: 806-467-0622			Invoice To: (Company Name): Talon LPE		Net 30 day Acct. <input type="checkbox"/> Check #		Cash Rec'd		\$		<input type="checkbox"/> Standard																																																	
Address: 921 N Bivins			Indicate Billing Type.		Credit Card <input type="checkbox"/>		Contact SPL, Inc for CC payment arrangements.					<input type="checkbox"/> Other Indicate Below																																																
City/State/Zip: Amarillo, Texas 79107			* Terms: Cylinders will be rented for \$10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.		Requested Analysis								* Surcharges May Apply																																															
Contact: Jason Shubert			PO / Ref. No.:		<table border="1"> <thead> <tr> <th>Sample ID & Point</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (Gas/Liq. Solid)</th> <th>Duplicate</th> <th>Composite</th> <th>Spot</th> <th>Cylinder #</th> <th>Date Out</th> <th>Date In</th> <th>Co +</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td>INFLWT 1</td> <td>4-22-25</td> <td>1546</td> <td>Gas</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>INFLWT 2</td> <td>4-23-25</td> <td>0200</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>INFLWT 3</td> <td>4-23-25</td> <td>1300</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										Sample ID & Point	Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder #	Date Out	Date In	Co +	Comments	INFLWT 1	4-22-25	1546	Gas									INFLWT 2	4-23-25	0200										INFLWT 3	4-23-25	1300							
Sample ID & Point	Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate									Composite	Spot	Cylinder #	Date Out	Date In	Co +	Comments																																									
INFLWT 1	4-22-25	1546	Gas																																																									
INFLWT 2	4-23-25	0200																																																										
INFLWT 3	4-23-25	1300																																																										
Contract/Proposal #:			Sample ID & Point		Sample Date		Sample Time		Sample Type (Gas/Liq. Solid)		Duplicate		Composite		Spot		Cylinder #		Date Out		Date In		Co +		Comments																																			

Sampled By-Print Name: <i>B. H. Y. S. H.</i>				Company Name:					
Signature: <i>B. H. Y. S. H.</i>									
Relinquished By-Print Name: <i>B. H. Y. S. H.</i>		Date: 4-23-25		Received By-Print Name:		Date:		Time:	
Signature: <i>B. H. Y. S. H.</i>				Signature: <i>[Signature]</i>		Date:		Time:	
Relinquished By-Print Name:		Date:		Received By-Print Name:		Date:		Time:	
Signature:				Signature:		Date:		Time:	
Relinquished By-Print Name:		Date:		Received By-Print Name:		Date:		Time:	
Signature:				Signature:		Date:		Time:	

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- 8820 Interchange Dr. Houston, TX 77054
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- P.O. Box 3079 Laurel, MS 39442
(601) 428-0842
- 500 Ambassador Caffery Pkwy Scott, LA 70563
(337) 237-4775
- 1595 US 79 South Carthage, TX 75633
(903) 693-6242
- 459 Hughes Dr. Traverse City, MI 49666
(616) 947-5777

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be e-mailed to you.



Certificate of Analysis

Number: 1030-25060146-001A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 06/05/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 05/27/2025 15:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 06/03/2025
Analyzed: 06/04/2025 11:10:07 by PTW	Login Date: 06/04/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	90.919	86.140		GPM TOTAL C2+	0.745
Methane	2.495	1.354		GPM TOTAL C3+	0.745
Carbon Dioxide	4.812	7.162		GPM TOTAL iC5+	0.726
Ethane	NIL	NIL	NIL		
Propane	0.004	0.006	0.001		
Iso-butane	0.008	0.016	0.003		
n-Butane	0.048	0.094	0.015		
Iso-pentane	0.097	0.237	0.035		
n-Pentane	0.148	0.361	0.053		
Hexanes Plus	1.469	4.630	0.638		
	100.000	100.000	0.745		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0212	3.2176
Calculated Molecular Weight	29.57	93.19
Compressibility Factor	0.9993	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	112	5113
Water Sat. Gas Base BTU	110	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25060146-002A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 2	Report Date: 06/05/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 05/28/2025 02:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 06/03/2025
Analyzed: 06/04/2025 11:31:50 by PTW	Login Date: 06/04/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	88.979	83.393		GPM TOTAL C2+	0.863
Methane	2.902	1.558		GPM TOTAL C3+	0.863
Carbon Dioxide	6.060	8.923		GPM TOTAL iC5+	0.841
Ethane	NIL	NIL	NIL		
Propane	0.005	0.007	0.001		
Iso-butane	0.009	0.018	0.003		
n-Butane	0.058	0.113	0.018		
Iso-pentane	0.118	0.285	0.043		
n-Pentane	0.175	0.422	0.063		
Hexanes Plus	1.694	5.281	0.735		
	100.000	100.000	0.863		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0324	3.2176
Calculated Molecular Weight	29.89	93.19
Compressibility Factor	0.9993	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	130	5113
Water Sat. Gas Base BTU	128	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25060146-003A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

Jason Shubert
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 3	Report Date: 06/05/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 05/28/2025 13:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 06/03/2025
Analyzed: 06/04/2025 11:54:40 by PTW	Login Date: 06/04/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	90.063	84.813		GPM TOTAL C2+	0.807
Methane	2.566	1.384		GPM TOTAL C3+	0.807
Carbon Dioxide	5.447	8.058		GPM TOTAL iC5+	0.785
Ethane	NIL	NIL	NIL		
Propane	0.003	0.004	0.001		
Iso-butane	0.009	0.018	0.003		
n-Butane	0.056	0.109	0.018		
Iso-pentane	0.114	0.276	0.041		
n-Pentane	0.169	0.410	0.061		
Hexanes Plus	1.573	4.928	0.683		
	100.000	100.000	0.807		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0274	3.2176
Calculated Molecular Weight	29.75	93.19
Compressibility Factor	0.9993	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	120	5113
Water Sat. Gas Base BTU	118	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

			SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Dept. Code:		SPL Page 1 of 1																											
Report To: (Company Name): Talon LPE			Project/Station Name: <i>Holtz Junction</i>		Project/Station Number: <i>710376-05282</i>		Project/Station Location: <i>Holtz NM</i>		Requested TAT																													
Address: 921 N. Bivins									<input type="checkbox"/> 24hr * <input type="checkbox"/> 48hr * <input type="checkbox"/> 72hr * <input type="checkbox"/> Standard <input type="checkbox"/> Other Indicate Below																													
City/State/Zip: Amarillo, Texas 79107			Special Instructions:																																			
Contact: Jason Shubert																																						
Phone: 806-467-0607 Fax: 806-467-0622																																						
Invoice To: (Company Name): Talon LPE			Indicate Billing Type:		Net 30 day Acct. <input type="checkbox"/> Check #		Cash Rec'd \$																															
Address: 921 N Bivins					Credit Card <input type="checkbox"/>		Contact SPL, Inc for CC payment arrangements.																															
City/State/Zip: Amarillo, Texas 79107			* Terms: Cylinders will be rented for \$10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.						Requested Analysis																													
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PO / Ref. No.:																																						
Contract/Proposal #:																																						
Sample ID & Point			Sample Date			Sample Time			Sample Type (Gas/Liq. Solid)			Duplicate			Composite			Spot			Cylinder Tracking Info *			Cylinder #			Date Out			Date In			O6+			Comments		
<i>Influent 1</i>			<i>5-27-25</i>			<i>1530</i>			<i>(gas)</i>																													
<i>Influent 2</i>			<i>5-28-25</i>			<i>0230</i>																																
<i>Influent 3</i>			<i>5-28-25</i>			<i>1330</i>																																
Sampled By-Print Name: <i>B.H. K...</i>			Signature: <i>B.H. K...</i>			Company Name:																																
Relinquished By-Print Name: <i>B.H. K...</i>			Signature: <i>B.H. K...</i>			Date: <i>5-28-25</i>			Time:			Received By-Print Name:			Signature:			Date:			Time:																	
Relinquished By-Print Name:			Signature:			Date:			Time:			Received By-Print Name:			Signature:			Date:			Time:																	
Relinquished By-Print Name:			Signature:			Date:			Time:			Received By-Print Name:			Signature:			Date:			Time:																	

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- 1595 US 79 South Carthage, TX 75633
(903) 693-6242
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(616) 947-5777

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be emailed to you.



Certificate of Analysis

Number: 1030-25060346-001A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 06/12/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 06/03/2025 17:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 06/10/2025
Analyzed: 06/10/2025 17:53:01 by EKK	Login Date: 06/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.120	94.532		GPM TOTAL C2+	0.454
Methane	0.678	0.378		GPM TOTAL C3+	0.454
Carbon Dioxide	1.128	1.725		GPM TOTAL iC5+	0.450
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	0.001	0.002	NIL		
n-Butane	0.014	0.028	0.004		
Iso-pentane	0.050	0.125	0.018		
n-Pentane	0.078	0.196	0.028		
Hexanes Plus	0.931	3.014	0.404		
	100.000	100.000	0.454		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9938	3.2176
Calculated Molecular Weight	28.78	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	60	5113
Water Sat. Gas Base BTU	59	5024

Comments: Reran Sample Confirmed GC Analysis

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25060346-002A

Houston Laboratories

8820 Interchange Drive

Houston, TX 77054

Phone 713-660-0901

John Hanley
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name: Influent # 2	Report Date: 06/12/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 06/04/2025 04:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 06/10/2025
Analyzed: 06/10/2025 20:13:45 by EKK	Login Date: 06/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	91.403	86.133		GPM TOTAL C2+	0.944
Methane	2.437	1.315		GPM TOTAL C3+	0.944
Carbon Dioxide	3.928	5.815		GPM TOTAL iC5+	0.930
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	0.005	0.010	0.002		
n-Butane	0.037	0.072	0.012		
Iso-pentane	0.117	0.284	0.043		
n-Pentane	0.180	0.437	0.065		
Hexanes Plus	1.893	5.934	0.822		
	<u>100.000</u>	<u>100.000</u>	<u>0.944</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0267	3.2176
Calculated Molecular Weight	29.73	93.19
Compressibility Factor	0.9993	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	135	5113
Water Sat. Gas Base BTU	132	5024

Comments: Reran Sample Confirmed GC Analysis

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25060346-003A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 3	Report Date: 06/12/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 06/04/2025 15:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 06/10/2025
Analyzed: 06/10/2025 22:26:19 by EKK	Login Date: 06/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	93.420	88.746		GPM TOTAL C2+	0.826
Methane	1.692	0.920		GPM TOTAL C3+	0.826
Carbon Dioxide	2.931	4.374		GPM TOTAL iC5+	0.815
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	0.004	0.008	0.001		
n-Butane	0.033	0.065	0.010		
Iso-pentane	0.100	0.245	0.036		
n-Pentane	0.154	0.377	0.056		
Hexanes Plus	1.666	5.265	0.723		
	<u>100.000</u>	<u>100.000</u>	<u>0.826</u>		


Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0184	3.2176
Calculated Molecular Weight	29.49	93.19
Compressibility Factor	0.9994	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	114	5113
Water Sat. Gas Base BTU	112	5024

Comments: Reran Sample Confirmed GC Analysis

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

			SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Depl. Code		SPL Page 1 of 1		
			Report To: (Company Name): Talon LPE		Project/Station Name: <i>Hibbs Junction</i>		Project/Station Number: <i>70576 052-82</i>		Project/Station Location: <i>Hibbs NM</i>		Requested TAT		
Address: 921 N. Bivins		City/State/Zip: Amarillo, Texas 79107		Special Instructions:								<input type="checkbox"/> 24hr *	
Contact: Jason Shubert		Phone: 806-467-0607		Fax: 806-467-0622		Indicate Billing Type: Net 30 day Acct. <input type="checkbox"/> Check # _____ Cash Recv'd \$ _____ Credit Card <input type="checkbox"/> Contact SPL, Inc for CC payment arrangements.						<input type="checkbox"/> 48hr *	
Invoice To: (Company Name): Talon LPE		Address: 921 N Bivins		City/State/Zip: Amarillo, Texas 79107								Contact: Jason Shubert	
PO / Ref. No.:		Contract/Proposal #:		* Terms: Cylinders will be rented for \$10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.								<input type="checkbox"/> Standard	
Sample ID & Point		Sample Date										Sample Time	
Cylinder Tracking Info *		Cylinder #		Date Out		Date In		Spot		Requested Analysis		* Surcharges May Apply	
Sample ID & Point		Sample Date		Sample Time		Sample Type (Gas/Liq. Solid)		Duplicate		Composite		Comments	
<i>SW Plot 1</i>		<i>6-3-25</i>		<i>1430</i>		<i>609</i>							
<i>SW Plot 2</i>		<i>6-4-25</i>		<i>1430</i>		<i>1</i>							
<i>SW Plot 3</i>		<i>6-4-25</i>		<i>1530</i>		<i>1</i>							
Sampled By-Print Name: <i>B. H. Taylor</i>		Signature: <i>[Signature]</i>		Date: <i>6/3/25</i>		Time:		Company Name:		Received By-Print Name:		Date: Time:	
Relinquished By-Print Name: <i>B. H. Taylor</i>		Signature: <i>[Signature]</i>		Date: <i>6/3/25</i>		Time:		Received By-Print Name: <i>[Signature]</i>		Signature: <i>[Signature]</i>		Date: Time:	
Relinquished By-Print Name:		Signature:		Date:		Time:		Received By-Print Name:		Signature:		Date: Time:	
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(601) 426-0842 |
| <input type="checkbox"/> 500 Ambassador Caffery Pkwy Scott, LA 70583
(337) 237-4775 | <input type="checkbox"/> 1595 US 79 South Carthage, TX 75633
(903) 693-6242 | <input type="checkbox"/> 459 Hughes Dr. Traverse City, MI 49686
(616) 947-5777 |

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be emailed to you.



Certificate of Analysis

Number: 1030-25070727-001A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 07/23/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 07/15/2025 15:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 07/22/2025
Analyzed: 07/22/2025 18:37:28 by EKK	Login Date: 07/22/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	96.754	94.740		GPM TOTAL C2+	0.337
Methane	1.049	0.588		GPM TOTAL C3+	0.337
Carbon Dioxide	1.402	2.157		GPM TOTAL iC5+	0.333
Ethane	NIL	NIL	NIL		
Propane	0.001	0.002	NIL		
Iso-butane	0.001	0.002	NIL		
n-Butane	0.012	0.024	0.004		
Iso-pentane	0.031	0.078	0.011		
n-Pentane	0.047	0.119	0.017		
Hexanes Plus	0.703	2.290	0.305		
	100.000	100.000	0.337		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9878	3.2176
Calculated Molecular Weight	28.61	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	50	5113
Water Sat. Gas Base BTU	49	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis
 Number: 1030-25070727-002A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 2	Report Date: 07/23/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 07/16/2025 02:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 07/22/2025
Analyzed: 07/22/2025 19:05:03 by EKK	Login Date: 07/22/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	92.867	89.714		GPM TOTAL C2+	0.475
Methane	2.386	1.320		GPM TOTAL C3+	0.475
Carbon Dioxide	3.614	5.485		GPM TOTAL iC5+	0.464
Ethane	NIL	NIL	NIL		
Propane	0.001	0.002	NIL		
Iso-butane	0.005	0.010	0.002		
n-Butane	0.030	0.060	0.009		
Iso-pentane	0.063	0.157	0.023		
n-Pentane	0.098	0.244	0.035		
Hexanes Plus	0.936	3.008	0.406		
	100.000	100.000	0.475		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0013	3.2176
Calculated Molecular Weight	29.00	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	80	5113
Water Sat. Gas Base BTU	78	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis
 Number: 1030-25070727-003A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 3	Report Date: 07/23/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 07/16/2025 13:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 07/22/2025
Analyzed: 07/22/2025 19:39:56 by EKK	Login Date: 07/22/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	92.521	89.275		GPM TOTAL C2+	0.483
Methane	2.488	1.375		GPM TOTAL C3+	0.483
Carbon Dioxide	3.837	5.816		GPM TOTAL iC5+	0.472
Ethane	NIL	NIL	NIL		
Propane	0.001	0.002	NIL		
Iso-butane	0.004	0.008	0.001		
n-Butane	0.032	0.064	0.010		
Iso-pentane	0.069	0.171	0.025		
n-Pentane	0.103	0.256	0.037		
Hexanes Plus	0.945	3.033	0.410		
	100.000	100.000	0.483		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0025	3.2176
Calculated Molecular Weight	29.03	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	81	5113
Water Sat. Gas Base BTU	80	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

			SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Dept. Code:		SPL Page 1 of 1															
Report To: (Company Name): Talon LPE			Project/Station Name:		Project/Station Number:		Project/Station Location:					Requested TAT														
Address 921 N. Bivins			<i>Hobbs Junction</i>		<i>2057600282</i>		<i>Hobbs NM</i>					<input type="checkbox"/> 24hr *														
City/State/Zip Amarillo, Texas 79107			Special Instructions:									<input type="checkbox"/> 48hr *														
Contact: Jason Shubert												<input type="checkbox"/> 72hr *														
Phone: 806-467-0607 Fax: 806-467-0622														Net 30 day Acct. <input type="checkbox"/>		Check #		Cash Rec'd		<input type="checkbox"/> Standard						
Invoice To: (Company Name): Talon LPE			Indicate Billing Type:		Credit Card <input type="checkbox"/>		Contact SPL, Inc for CC payment arrangements.					<input type="checkbox"/> Other Indicate Below														
Address 921 N Bivins																										
City/State/Zip Amarillo, Texas 79107			* Terms: Cylinders will be rented for \$10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.		Requested Analysis																					
Contact: Jason Shubert																										
Phone: 806-467-0607 Fax: 806-467-0622																										
PO / Ref. No.:																										
Contract/Proposal #:																										
Sample ID & Point			Sample Date		Sample Time		Sample Type (Gas/Liq. Solid)		Duplicate		Composite		Spot		Cylinder Tracking Info *		Cylinder #		Date Out		Date In		C6+		Comments	
<i>inlet 1</i>			<i>7-15-05</i>		<i>1500</i>		<i>Gas</i>																			
<i>inlet 2</i>			<i>7-16-05</i>		<i>0200</i>																					
<i>inlet 3</i>			<i>7-16-05</i>		<i>1300</i>																					
Sampled By-Print Name: <i>B. Shubert</i>			Signature: <i>[Signature]</i>		Date: <i>7/16/05</i>		Time:		Received By-Print Name:		Signature: <i>[Signature]</i>		Date:		Time:											
Relinquished By-Print Name: <i>[Signature]</i>			Signature: <i>[Signature]</i>		Date:		Time:		Received By-Print Name:		Signature:		Date:		Time:											
Relinquished By-Print Name:			Signature:		Date:		Time:		Received By-Print Name:		Signature:		Date:		Time:											
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- 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775
- 1595 US 79 South Carthage, TX 75633 (903) 693-6242
- 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

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Certificate of Analysis

Number: 1030-25080433-001A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 08/15/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 08/05/2025 14:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 08/12/2025
Analyzed: 08/14/2025 15:32:01 by EKK	Login Date: 08/13/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	91.598	86.463		GPM TOTAL C2+	0.845
Methane	2.154	1.164		GPM TOTAL C3+	0.845
Carbon Dioxide	4.253	6.307		GPM TOTAL iC5+	0.834
Ethane	NIL	NIL	NIL		
Propane	0.001	0.001	NIL		
Iso-butane	0.003	0.006	0.001		
n-Butane	0.033	0.065	0.010		
Iso-pentane	0.085	0.207	0.031		
n-Pentane	0.134	0.326	0.048		
Hexanes Plus	1.739	5.461	0.755		
	100.000	100.000	0.845		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0250	3.2176
Calculated Molecular Weight	29.68	93.19
Compressibility Factor	0.9993	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	121	5113
Water Sat. Gas Base BTU	119	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25080433-002A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 2	Report Date: 08/15/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 08/06/2025 01:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 08/12/2025
Analyzed: 08/14/2025 17:05:08 by EKK	Login Date: 08/13/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	92.025	87.118		GPM TOTAL C2+	0.798
Methane	2.020	1.095		GPM TOTAL C3+	0.798
Carbon Dioxide	4.071	6.055		GPM TOTAL iC5+	0.785
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	0.006	0.012	0.002		
n-Butane	0.035	0.069	0.011		
Iso-pentane	0.084	0.205	0.031		
n-Pentane	0.131	0.319	0.047		
Hexanes Plus	1.628	5.127	0.707		
	100.000	100.000	0.798		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0220	3.2176
Calculated Molecular Weight	29.59	93.19
Compressibility Factor	0.9994	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	114	5113
Water Sat. Gas Base BTU	112	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25080433-003A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name:	Influent # 3	Report Date:	08/15/2025
Station Number:	700376.052.82	Sampled By:	BH
Station Location:	Hobbs, NM	Sample Of:	Gas Spot
Sample Point:	Hobbs Junction	Sample Date:	08/06/2025 12:00
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	08/12/2025
Analyzed:	08/14/2025 17:28:45 by EKK	Login Date:	08/13/2025

Analytical Data


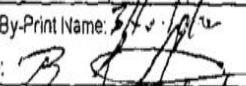
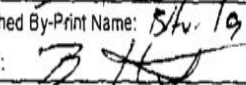
Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	88.870	82.803		GPM TOTAL C2+	1.011
Methane	2.945	1.571		GPM TOTAL C3+	1.011
Carbon Dioxide	5.794	8.481		GPM TOTAL iC5+	0.993
Ethane	NIL	NIL	NIL		
Propane	0.002	0.003	0.001		
Iso-butane	0.008	0.015	0.003		
n-Butane	0.044	0.085	0.014		
Iso-pentane	0.114	0.274	0.041		
n-Pentane	0.175	0.420	0.063		
Hexanes Plus	2.048	6.348	0.889		
	100.000	100.000	1.011		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0385	3.2176
Calculated Molecular Weight	30.07	93.19
Compressibility Factor	0.9992	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	148	5113
Water Sat. Gas Base BTU	145	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

			SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Dept. Code		SPL Page 1 of 1									
			Report To: (Company Name): Talon LPE		Project/Station Name:		Project/Station Number:		Project/Station Location:		Requested TAT									
Address		921 N. Bivins		Mkhs Junction		700376 05282		Hobbs / NM		<input type="checkbox"/> 24hr * <input type="checkbox"/> 48hr * <input type="checkbox"/> 72hr * <input type="checkbox"/> Standard <input type="checkbox"/> Other Indicate Below										
City/State/Zip		Amarillo, Texas 79107		Special Instructions:																
Contact:		Jason Shubert																		
Phone:		806-467-0607		Fax:		806-467-0622														
Invoice To: (Company Name):		Talon LPE		Indicate Billing Type:		Net 30 day Acct. <input type="checkbox"/>		Check #		Cash Recv'd		S								
Address		921 N Bivins				Credit Card <input type="checkbox"/>		Contact SPL, Inc for CC payment arrangements.												
City/State/Zip		Amarillo, Texas 79107		* Terms: Cylinders will be rented for \$10/cyl. All cylinders checked out are to be returned within 21 days. whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.		Requested Analysis														
Contact:		Jason Shubert																		
Phone:		806-467-0607		Fax:		806-467-0622														
PO / Ref. No.:																				
Contract/Proposal #:																				
Sample ID & Point		Sample Date		Sample Time		Sample Type (Gas/Liq. Solid)		Duplicate		Composite		Spot		Cylinder Tracking Info *			* Surcharges May Apply		Comments	
														Cylinder #	Date Out	Date In				
EN HLT 1		8-5-25		140		GAS														
EN HLT 2		8-6-25		010																
EN HLT 3		8-6-25		170																
Sampled By-Print Name:		B. H. J.		Date:		Time:		Received By-Print Name:		Date:		Time:								
Signature:				8-6-25				Signature:												
Relinquished By-Print Name:		B. H. J.		Date:		Time:		Received By-Print Name:		Date:		Time:								
Signature:								Signature:												
Relinquished By-Print Name:				Date:		Time:		Received By-Print Name:		Date:		Time:								
Signature:								Signature:												
Relinquished By-Print Name:				Date:		Time:		Received By-Print Name:		Date:		Time:								
Signature:								Signature:		8/12/25		13:00								

- 8620 Interchange Dr. Houston, TX 77054 (713) 660-0901
- 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775
- 9221 Highway 23 Belle Chesse, LA 70037 (504) 391-1337
- 1595 US 79 South Carthage, TX 75833 (903) 693-6242
- P.O. Box 3079 Laurel, MS 39442 (601) 428-0842
- 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be e-mailed to you.



Certificate of Analysis

Number: 1030-25090290-001A

Houston Laboratories

8820 Interchange Drive

Houston, TX 77054

Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 09/12/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Conditions:
Method: GPA-2261M	Sample Date: 09/02/2025 15:00
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 09/09/2025
Analyzed: 09/10/2025 15:05:43 by EKK	Login Date: 09/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	87.918	82.566		GPM TOTAL C2+	0.710
Methane	3.124	1.680		GPM TOTAL C3+	0.710
Carbon Dioxide	7.266	10.720		GPM TOTAL iC5+	0.691
Ethane	NIL	NIL	NIL		
Propane	0.003	0.004	0.001		
Iso-butane	0.008	0.016	0.003		
n-Butane	0.047	0.092	0.015		
Iso-pentane	0.105	0.254	0.038		
n-Pentane	0.155	0.375	0.056		
Hexanes Plus	1.374	4.293	0.597		
	100.000	100.000	0.710		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0303	3.2176
Calculated Molecular Weight	29.83	93.19
Compressibility Factor	0.9993	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	114	5113
Water Sat. Gas Base BTU	112	5024

Josephy Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25090290-002A

Houston Laboratories

8820 Interchange Drive

Houston, TX 77054

Phone 713-660-0901

John Hanley
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name: Influent # 2	Report Date: 09/12/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Conditions:
Method: GPA-2261M	Sample Date: 09/03/2025 14:00
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 09/09/2025
Analyzed: 09/10/2025 18:59:12 by EKK	Login Date: 09/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	90.353	85.711		GPM TOTAL C2+	0.621
Methane	2.475	1.345		GPM TOTAL C3+	0.621
Carbon Dioxide	5.696	8.489		GPM TOTAL iC5+	0.606
Ethane	NIL	NIL	NIL		
Propane	0.002	0.003	0.001		
Iso-butane	0.005	0.010	0.002		
n-Butane	0.037	0.073	0.012		
Iso-pentane	0.083	0.203	0.030		
n-Pentane	0.128	0.313	0.046		
Hexanes Plus	1.221	3.853	0.530		
	<u>100.000</u>	<u>100.000</u>	<u>0.621</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0198	3.2176
Calculated Molecular Weight	29.53	93.19
Compressibility Factor	0.9994	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	97	5113
Water Sat. Gas Base BTU	96	5024

Josephy Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis
 Number: 1030-25090290-003A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 3	Report Date: 09/12/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Conditions:
Method: GPA-2261M	Sample Date: 09/03/2025 13:00
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 09/09/2025
Analyzed: 09/10/2025 19:21:59 by EKK	Login Date: 09/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia	
Nitrogen	90.563	85.771		GPM TOTAL C2+ 0.662
Methane	2.347	1.273		GPM TOTAL C3+ 0.662
Carbon Dioxide	5.519	8.212		GPM TOTAL iC5+ 0.647
Ethane	NIL	NIL	NIL	
Propane	0.002	0.003	0.001	
Iso-butane	0.006	0.012	0.002	
n-Butane	0.038	0.075	0.012	
Iso-pentane	0.083	0.202	0.030	
n-Pentane	0.129	0.315	0.047	
Hexanes Plus	1.313	4.137	0.570	
	<u>100.000</u>	<u>100.000</u>	<u>0.662</u>	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0215	3.2176
Calculated Molecular Weight	29.58	93.19
Compressibility Factor	0.9994	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	101	5113
Water Sat. Gas Base BTU	99	5024

Josephy Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

			SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Dept. Code:		SPL Page 1 of 1		
Report To: (Company Name): Talon LPE			Project/Station Name:		Project/Station Number:		Project/Station Location:		Requested TAT				
Address 921 N. Bivins			Hobby Junction Manhole		700376-0578		Hobby NM		<input type="checkbox"/> 24hr* <input type="checkbox"/> 48hr* <input type="checkbox"/> 72hr* <input type="checkbox"/> Standard <input type="checkbox"/> Other Indicate Below				
City/State/Zip Amarillo, Texas 79107			Special Instructions:										
Contact: Jason Shubert													
Phone: 806-467-0607			Fax: 806-467-0622										
Invoice To: (Company Name): Talon LPE			Indicate Billing Type:		Net 30 day Acct. <input type="checkbox"/>		Check #		Cash Rec'd		S		
Address 921 N Bivins					Credit Card <input type="checkbox"/>		Contact SPL, Inc for CC payment arrangements.						
City/State/Zip Amarillo, Texas 79107			* Terms: Cylinders will be rented for \$10/cyl. All cylinders checked out are to be returned within 21 days. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.									Requested Analysis	
Contact: Jason Shubert												RECEIVED	
Phone: 806-467-0607			Fax: 806-467-0622									SEP 09 2025	
PO / Ref. No.:												BY: _____	
Contract/Proposal #:												* Surcharges May Apply	
Sample ID & Point		Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder Tracking Info *			Comments		
								Cylinder #	Date Out	Date In			
IN Plot 1		9-2-25	1300	100									
IN Plot 2		9-3-25	0200	1									
IN Plot 3		9-5-25	1300										
Sampled By-Print Name: B.H. Taylor			Company Name:										
Signature:													
Relinquished By-Print Name: B.H. Taylor			Date:	Time:	Received By-Print Name:			Date:	Time:				
Signature:			9-5-25		Signature:								
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:			Date:	Time:				
Signature:					Signature:								
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:			Date:	Time:				
Signature:					Signature:								
<input type="checkbox"/> 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901			<input type="checkbox"/> 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337			<input type="checkbox"/> P.O. Box 3079 Laurel, MS 39442 (601) 428-0842							
<input type="checkbox"/> 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775			<input type="checkbox"/> 1595 US 79 South Carthage, TX 75633 (903) 693-6242			<input type="checkbox"/> 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777							

RECEIVED
SEP 09 2025
BY: _____
* Surcharges May Apply

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be emailed to you.



Certificate of Analysis
 Number: 1030-25100710-001A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 10/31/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 10/14/2025 15:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 10/21/2025
Analyzed: 10/23/2025 16:47:12 by EKK	Login Date: 10/21/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	91.969	87.352		GPM TOTAL C2+	0.690
Methane	1.972	1.073		GPM TOTAL C3+	0.690
Carbon Dioxide	4.426	6.604		GPM TOTAL iC5+	0.676
Ethane	NIL	NIL	NIL		
Propane	0.002	0.003	0.001		
Iso-butane	0.006	0.012	0.002		
n-Butane	0.035	0.069	0.011		
Iso-pentane	0.076	0.186	0.028		
n-Pentane	0.115	0.281	0.041		
Hexanes Plus	1.399	4.420	0.607		
	<u>100.000</u>	<u>100.000</u>	<u>0.690</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0186	3.2176
Calculated Molecular Weight	29.49	93.19
Compressibility Factor	0.9994	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	100	5113
Water Sat. Gas Base BTU	99	5024

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25100710-002A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 2	Report Date: 10/31/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 10/15/2025 02:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 10/21/2025
Analyzed: 10/23/2025 17:12:50 by EKK	Login Date: 10/21/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	90.671	85.954		GPM TOTAL C2+	0.703
Methane	2.557	1.388		GPM TOTAL C3+	0.703
Carbon Dioxide	5.108	7.607		GPM TOTAL iC5+	0.688
Ethane	NIL	NIL	NIL		
Propane	0.003	0.004	0.001		
Iso-butane	0.007	0.014	0.002		
n-Butane	0.037	0.073	0.012		
Iso-pentane	0.077	0.188	0.028		
n-Pentane	0.119	0.291	0.043		
Hexanes Plus	1.421	4.481	0.617		
	<u>100.000</u>	<u>100.000</u>	<u>0.703</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0206	3.2176
Calculated Molecular Weight	29.55	93.19
Compressibility Factor	0.9993	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	108	5113
Water Sat. Gas Base BTU	106	5024

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25100710-003A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 3	Report Date: 10/31/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Date: 10/15/2025 13:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 10/21/2025
Analyzed: 10/23/2025 17:37:12 by EKK	Login Date: 10/21/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	92.685	88.240		GPM TOTAL C2+	0.680
Methane	1.782	0.972		GPM TOTAL C3+	0.680
Carbon Dioxide	3.929	5.877		GPM TOTAL iC5+	0.668
Ethane	NIL	NIL	NIL		
Propane	0.002	0.003	0.001		
Iso-butane	0.005	0.010	0.002		
n-Butane	0.030	0.059	0.009		
Iso-pentane	0.068	0.167	0.025		
n-Pentane	0.106	0.260	0.038		
Hexanes Plus	1.393	4.412	0.605		
	<u>100.000</u>	<u>100.000</u>	<u>0.680</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0161	3.2176
Calculated Molecular Weight	29.42	93.19
Compressibility Factor	0.9994	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	97	5113
Water Sat. Gas Base BTU	96	5024

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25110367-001A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 11/18/2025
Station Number: 700376.052.82	Sampled By: NP
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Conditions:
Method: GPA-2261M	Sample Date: 11/03/2025 15:00
Instrument: HGC 24A + 24B, 850 MIB_4 - Channel 1	Received Date: 11/11/2025
Analyzed: 11/14/2025 17:39:50 by EKK	Login Date: 11/12/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	96.647	94.632		GPM TOTAL C2+	0.111
Methane	0.222	0.124		GPM TOTAL C3+	0.111
Carbon Dioxide	2.870	4.415		GPM TOTAL iC5+	0.110
Ethane	NIL	NIL	NIL		
Propane	0.003	0.005	0.001		
Iso-butane	0.001	0.002	NIL		
n-Butane	0.001	0.002	NIL		
Iso-pentane	0.009	0.023	0.003		
n-Pentane	0.010	0.025	0.004		
Hexanes Plus	0.237	0.772	0.103		
	<u>100.000</u>	<u>100.000</u>	<u>0.111</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9878	3.2176
Calculated Molecular Weight	28.61	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	15	5113
Water Sat. Gas Base BTU	15	5024

Comments: Reran Sample Confirmed GC Analysis

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25110367-002A

Houston Laboratories

8820 Interchange Drive

Houston, TX 77054

Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 2	Report Date: 11/18/2025
Station Number: 700376.052.82	Sampled By: NP
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Conditions:
Method: GPA-2261M	Sample Date: 11/04/2025 02:00
Instrument: HGC 24A + 24B, 850 MIB_4 - Channel 1	Received Date: 11/11/2025
Analyzed: 11/14/2025 18:26:05 by EKK	Login Date: 11/12/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	95.484	92.940		GPM TOTAL C2+	0.127
Methane	0.341	0.190		GPM TOTAL C3+	0.127
Carbon Dioxide	3.878	5.930		GPM TOTAL iC5+	0.125
Ethane	NIL	NIL	NIL		
Propane	0.001	0.002	NIL		
Iso-butane	0.002	0.004	0.001		
n-Butane	0.002	0.004	0.001		
Iso-pentane	0.011	0.028	0.004		
n-Pentane	0.011	0.028	0.004		
Hexanes Plus	0.270	0.874	0.117		
	<u>100.000</u>	<u>100.000</u>	<u>0.127</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9937	3.2176
Calculated Molecular Weight	28.78	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	18	5113
Water Sat. Gas Base BTU	18	5024

Comments: Reran Sample Confirmed GC Analysis

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis
 Number: 1030-25110367-003A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent #3	Report Date: 11/18/2025
Station Number: 700376.052.82	Sampled By: NP
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Conditions:
Method: GPA-2261M	Sample Date: 11/04/2025 13:00
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 11/11/2025
Analyzed: 11/17/2025 21:22:46 by EKK	Login Date: 11/12/2025

Analytical Data


Components	Mol. %	Wt. %	GPM at 14.65 psia	
Nitrogen	97.616	96.075		GPM TOTAL C2+ 0.097
Methane	0.145	0.082		GPM TOTAL C3+ 0.097
Carbon Dioxide	2.010	3.108		GPM TOTAL iC5+ 0.096
Ethane	NIL	NIL	NIL	
Propane	0.001	0.002	NIL	
Iso-butane	0.001	0.002	NIL	
n-Butane	0.002	0.004	0.001	
Iso-pentane	0.006	0.015	0.002	
n-Pentane	0.006	0.015	0.002	
Hexanes Plus	0.213	0.697	0.092	
	100.000	100.000	0.097	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9827	3.2176
Calculated Molecular Weight	28.46	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	13	5113
Water Sat. Gas Base BTU	13	5024

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

			SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Dept. Code		SPL Page <u>1</u> of <u>1</u>		
			Report To: (Company Name): Talon LPE		Project/Station Name: <i>Hobbs Junction</i>		Project/Station Number: <i>700376.052.82</i>		Project/Station Location: <i>Hobbs, NM</i>		Requested TAT		
Address: 921 N. Bivins		City/State/Zip: Amarillo, Texas 79107		Special Instructions:						<input type="checkbox"/> 24hr *			
Contact: Jason Shubert		Phone: 806-467-0607		Fax: 806-467-0622						<input type="checkbox"/> 48hr *			
Invoice To: (Company Name): Talon LPE		Address: 921 N Bivins		Indicate Billing Type:		Net 30 day Acct. <input type="checkbox"/>		Check #		Cash Recv'd \$		<input type="checkbox"/> Standard	
						Credit Card <input type="checkbox"/>		Contact SPL, Inc for CC payment arrangements.				<input type="checkbox"/> Other Indicate Below	
City/State/Zip: Amarillo, Texas 79107		Contact: Jason Shubert		Phone: 806-467-0607		Fax: 806-467-0622		Requested Analysis					
PO / Ref. No.:		Contract/Proposal #:											
Sample ID & Point		Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder Tracking Info *			* Surcharges May Apply	Comments	
								Cylinder #	Date Out	Date In			
<i>Influent 1</i>		<i>11/3/25</i>	<i>15:00</i>	<i>Gas</i>									
<i>Influent 2</i>		<i>11/4/25</i>	<i>02:00</i>	<i> </i>									
<i>Influent 3</i>		<i>11/4/25</i>	<i>13:00</i>	<i> </i>									
Sampled By-Print Name: <i>Nathan Parker</i>		Signature: <i>[Signature]</i>		Company Name:									
Relinquished By-Print Name: <i>Nathan Parker</i>		Signature: <i>[Signature]</i>		Date: <i>11/5/25</i>	Time:	Received By-Print Name:		Signature:		Date:	Time:		
Relinquished By-Print Name:		Signature:		Date:	Time:	Received By-Print Name:		Signature:		Date:	Time:		
Relinquished By-Print Name:		Signature:		Date:	Time:	Received By-Print Name: <i>Shaylee M</i>		Signature: <i>[Signature]</i>		Date: <i>NOV 11 2025</i>	Time: <i>10AM</i>		

- | | | |
|--|---|---|
| <input type="checkbox"/> 8820 Interchange Dr. Houston, TX 77054
(713) 660-0901 | <input type="checkbox"/> 9221 Highway 23 Belle Chasse, LA 70037
(504) 391-1337 | <input type="checkbox"/> P.O. Box 3079 Laurel, MS 39442
(601) 428-0842 |
| <input type="checkbox"/> 500 Ambassador Caffery Pkwy Scott, LA 70583
(337) 237-4775 | <input type="checkbox"/> 1595 US 79 South Carthage, TX 75633
(903) 693-6242 | <input type="checkbox"/> 459 Hughes Dr. Traverse City, MI 49686
(616) 947-5777 |

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be emailed to you.



Certificate of Analysis

Number: 1030-25120374-001A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 1	Report Date: 12/18/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Conditions:
Method: GPA-2261M	Sample Date: 12/02/2025 14:30
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 12/09/2025
Analyzed: 12/15/2025 17:53:10 by EKK	Login Date: 12/09/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	98.552	97.480		GPM TOTAL C2+	0.073
Methane	0.019	0.011		GPM TOTAL C3+	0.073
Carbon Dioxide	1.258	1.955		GPM TOTAL iC5+	0.073
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.004	0.010	0.001		
n-Pentane	0.007	0.018	0.003		
Hexanes Plus	0.160	0.526	0.069		
	100.000	100.000	0.073		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9778	3.2176
Calculated Molecular Weight	28.32	93.19
Compressibility Factor	0.9997	

GPA 2172 Calculation:
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F

Real Gas Dry BTU	9	5113
Water Sat. Gas Base BTU	9	5024

Comments: Reran Sample Confirmed GC Analysis

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis
 Number: 1030-25120374-002A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 2	Report Date: 12/18/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Conditions:
Method: GPA-2261M	Sample Date: 12/03/2025 13:30
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 12/09/2025
Analyzed: 12/15/2025 18:30:06 by EKK	Login Date: 12/09/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.717	96.119		GPM TOTAL C2+	0.105
Methane	0.060	0.034		GPM TOTAL C3+	0.105
Carbon Dioxide	1.979	3.058		GPM TOTAL iC5+	0.105
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.005	0.013	0.002		
n-Pentane	0.009	0.023	0.003		
Hexanes Plus	0.230	0.753	0.100		
	<u>100.000</u>	<u>100.000</u>	<u>0.105</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9833	3.2176
Calculated Molecular Weight	28.48	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	13	5113
Water Sat. Gas Base BTU	13	5024

Comments: Reran Sample Confirmed GC Analysis

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 1030-25120374-003A

Houston Laboratories
 8820 Interchange Drive
 Houston, TX 77054
 Phone 713-660-0901

John Hanley
 Talon LPE
 921 N Bivins
 Amarillo, TX 79107

Station Name: Influent # 3	Report Date: 12/18/2025
Station Number: 700376.052.82	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Hobbs Junction	Sample Conditions:
Method: GPA-2261M	Sample Date: 12/03/2025 12:30
Instrument: HGC 24A + 24B, 850 MIB_4 - Channel 2	Received Date: 12/09/2025
Analyzed: 12/15/2025 18:47:14 by EKK	Login Date: 12/09/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.728	96.129		GPM TOTAL C2+	0.097
Methane	0.023	0.013		GPM TOTAL C3+	0.097
Carbon Dioxide	2.022	3.125		GPM TOTAL iC5+	0.097
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.004	0.010	0.001		
n-Pentane	0.009	0.023	0.003		
Hexanes Plus	0.214	0.700	0.093		
	<u>100.000</u>	<u>100.000</u>	<u>0.097</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9833	3.2176
Calculated Molecular Weight	28.48	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	12	5113
Water Sat. Gas Base BTU	11	5024

Comments: Reran Sample Confirmed GC Analysis

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

			SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:		Dept. Code:		SPL Page 1 of 1			
Report To: (Company Name): Talon LPE			Project/Station Name:		Project/Station Number:		Project/Station Location:		Requested TAT					
Address 921 N. Bivins			Hobbs Junction		700376 05282		Hobbs NM		<input type="checkbox"/> 24hr* <input type="checkbox"/> 48hr* <input type="checkbox"/> 72hr* <input type="checkbox"/> Standard <input type="checkbox"/> Other Indicate Below					
City/State/Zip Amarillo, Texas 79107			Special Instructions:											
Contact: Jason Shubert														
Phone: 806-467-0607			Fax: 806-467-0622											
Invoice To: (Company Name): Talon LPE			Indicate Billing Type:		Net 30 day Acct. <input type="checkbox"/>		Check #		Cash Recv'd \$					
Address 921 N Bivins					Credit Card <input type="checkbox"/>		Contact SPL, Inc for CC payment arrangements.							
City/State/Zip Amarillo, Texas 79107			* Terms: Cylinders will be rented for \$10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.		Requested Analysis									
Contact: Jason Shubert														
Phone: 806-467-0607			Fax: 806-467-0622											
PO / Ref. No.:														
Contract/Proposal #:														
Sample ID & Point		Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder Tracking Info *			* Surcharges May Apply			
								Cylinder #	Date Out	Date In	Comments			
IN/OUT 1		12-2-25	1430	607										
IN/OUT 2		12-3-25	0930	1										
IN/OUT 3		12-3-25	1230											
Sampled By-Print Name: B. H. T. S. L.			Company Name:											
Signature: B. H. T. S. L.														
Relinquished By-Print Name: B. H. T. S. L.			Date:	Time:	Received By-Print Name:		Date:	Time:						
Signature: B. H. T. S. L.			12-3-25		Signature:									
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:		Date:	Time:						
Signature:					Signature:									
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:		Date:	Time:						
Signature:					Signature:									

8820 Interchange Dr. Houston, TX 77054
(713) 660-0901

9221 Highway 23 Belle Chasse, LA 70037
(504) 391-1337

P.O. Box 3079 Laurel, MS 39442
(601) 428-0842

500 Ambassador Caffery Pkwy Scott, LA 70583
(337) 237-4775

1595 US 79 South Carthage, TX 75633
(903) 693-6242

459 Hughes Dr. Traverse City, MI 49686
(616) 947-5777

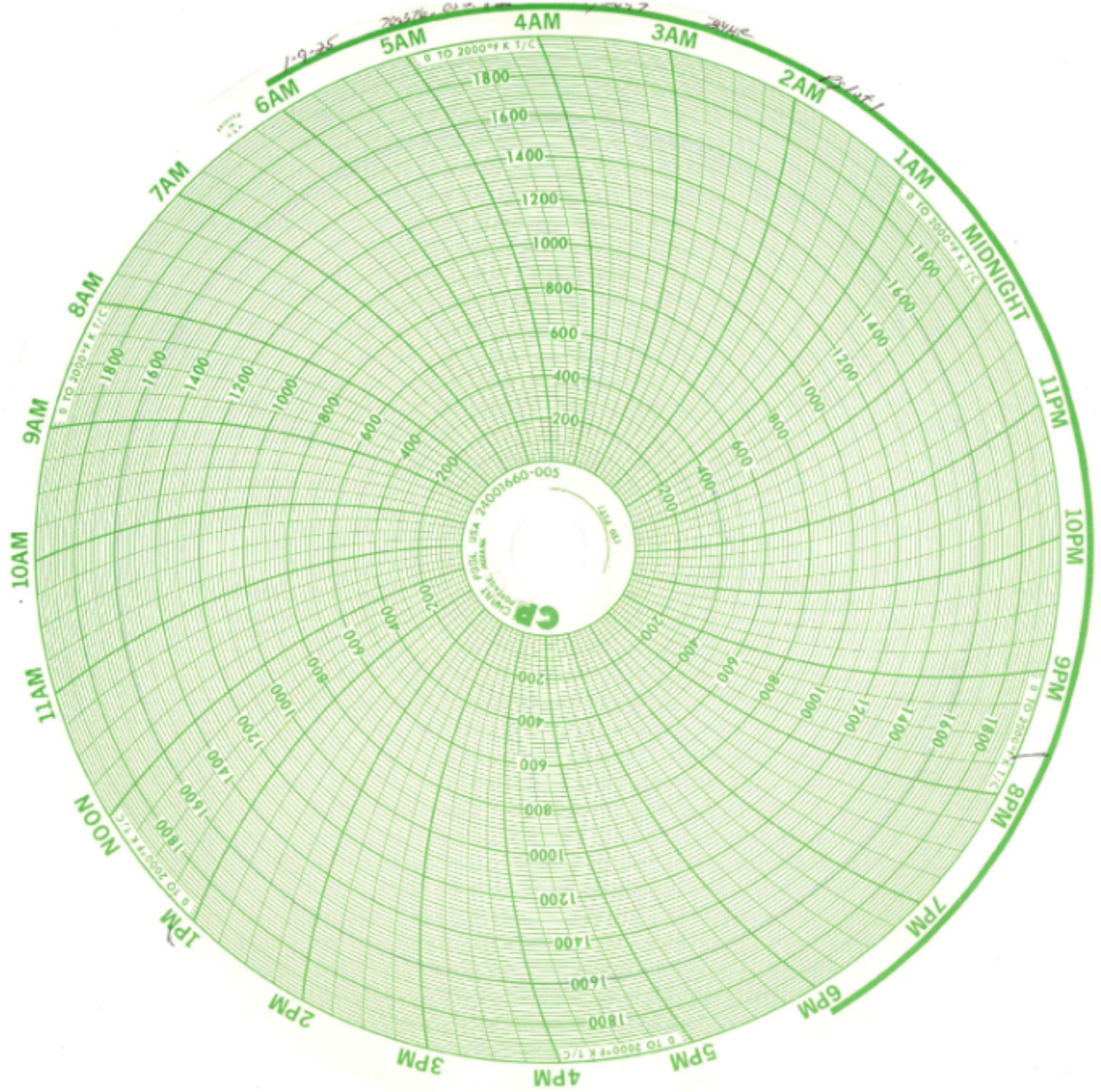
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DEC 09 2025
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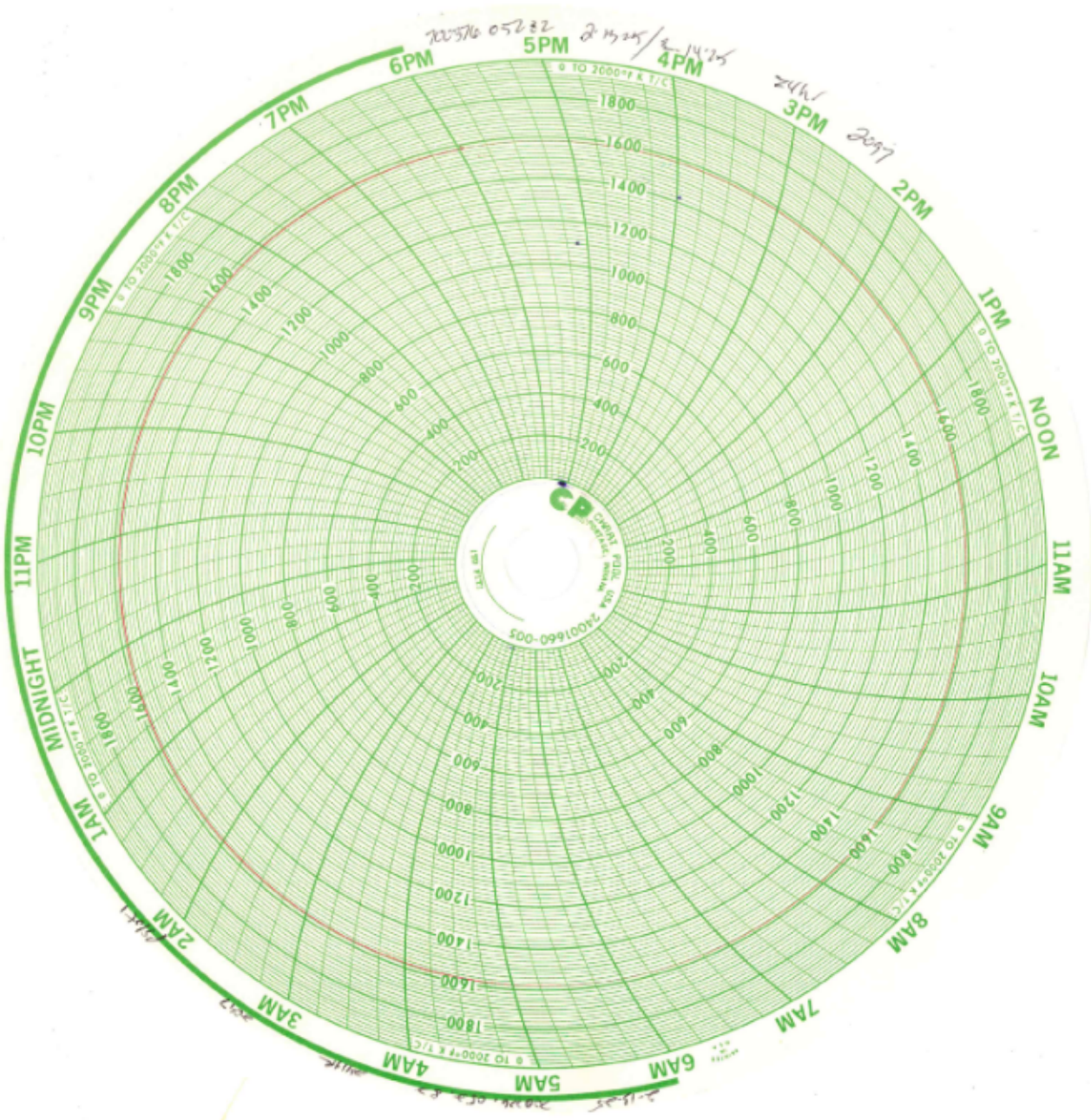
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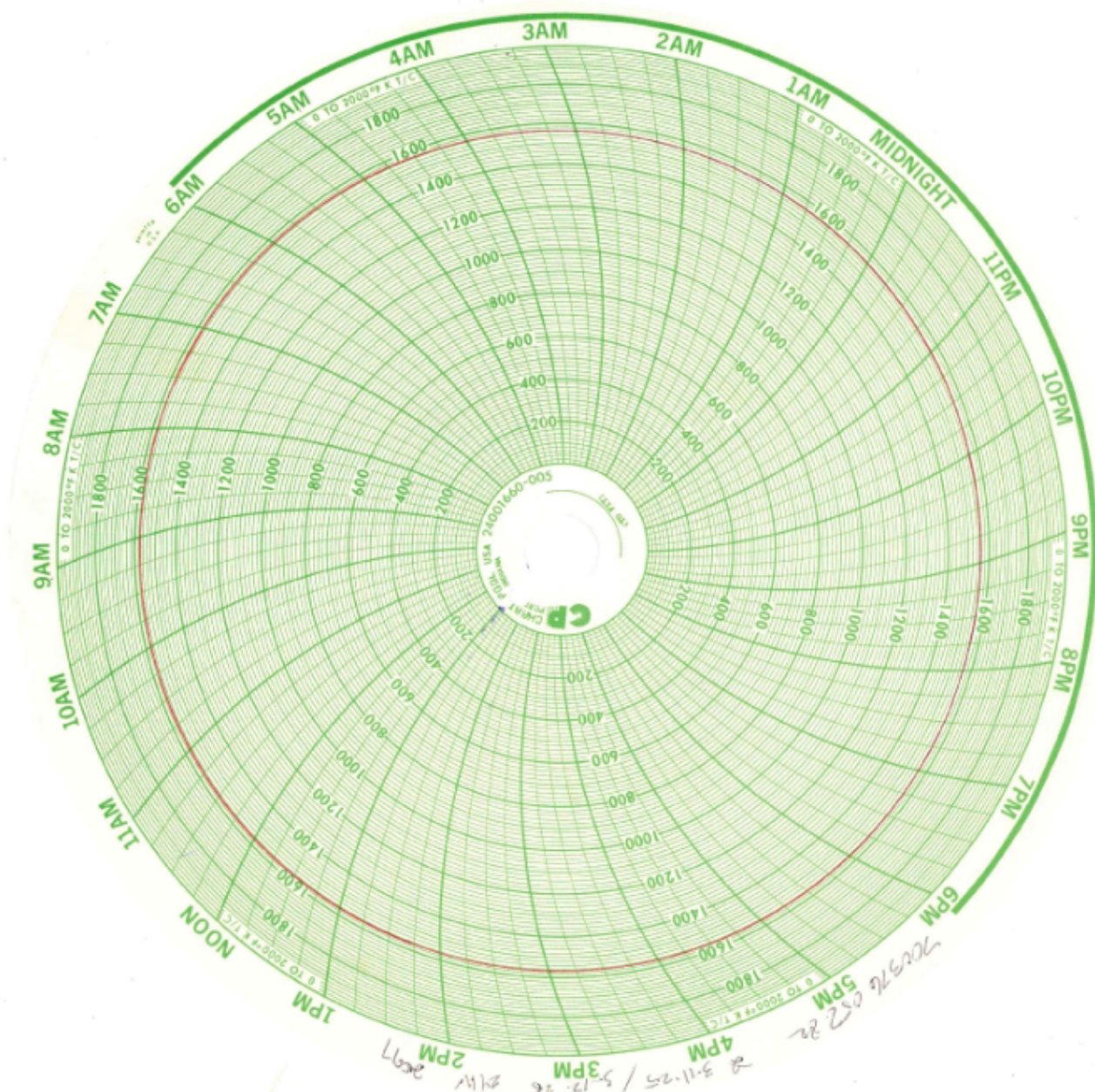


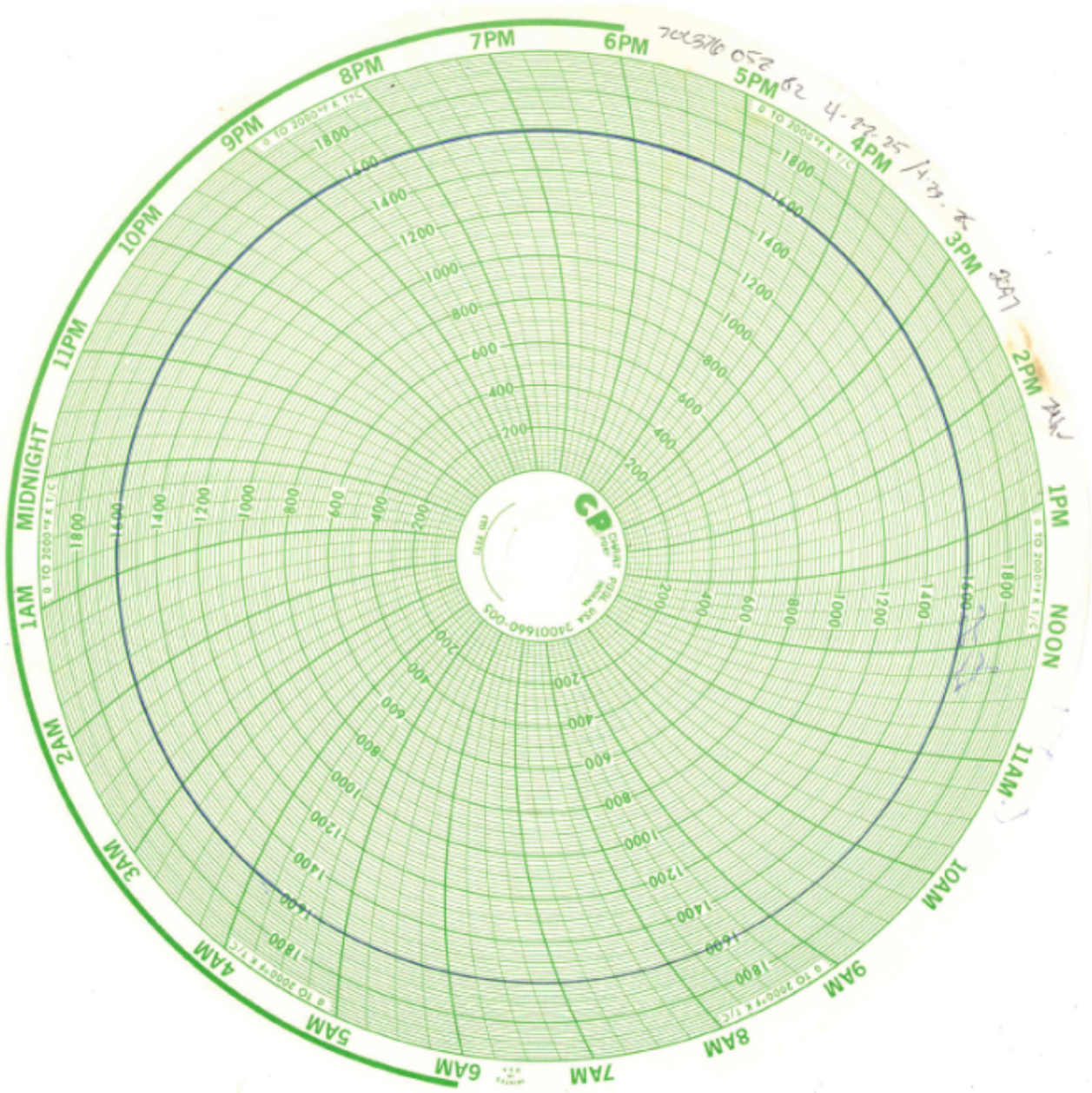
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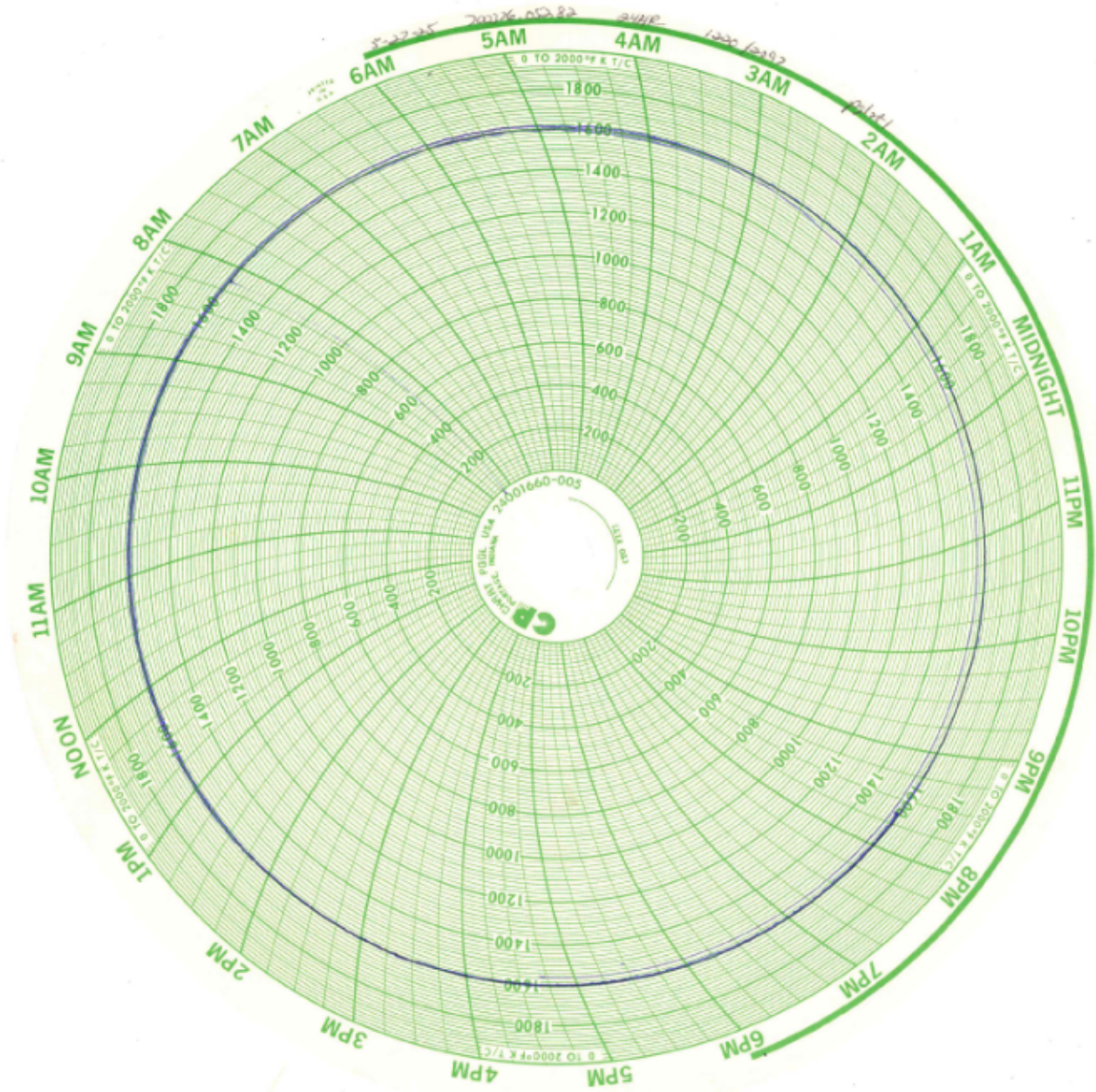
Oxidizer Charts

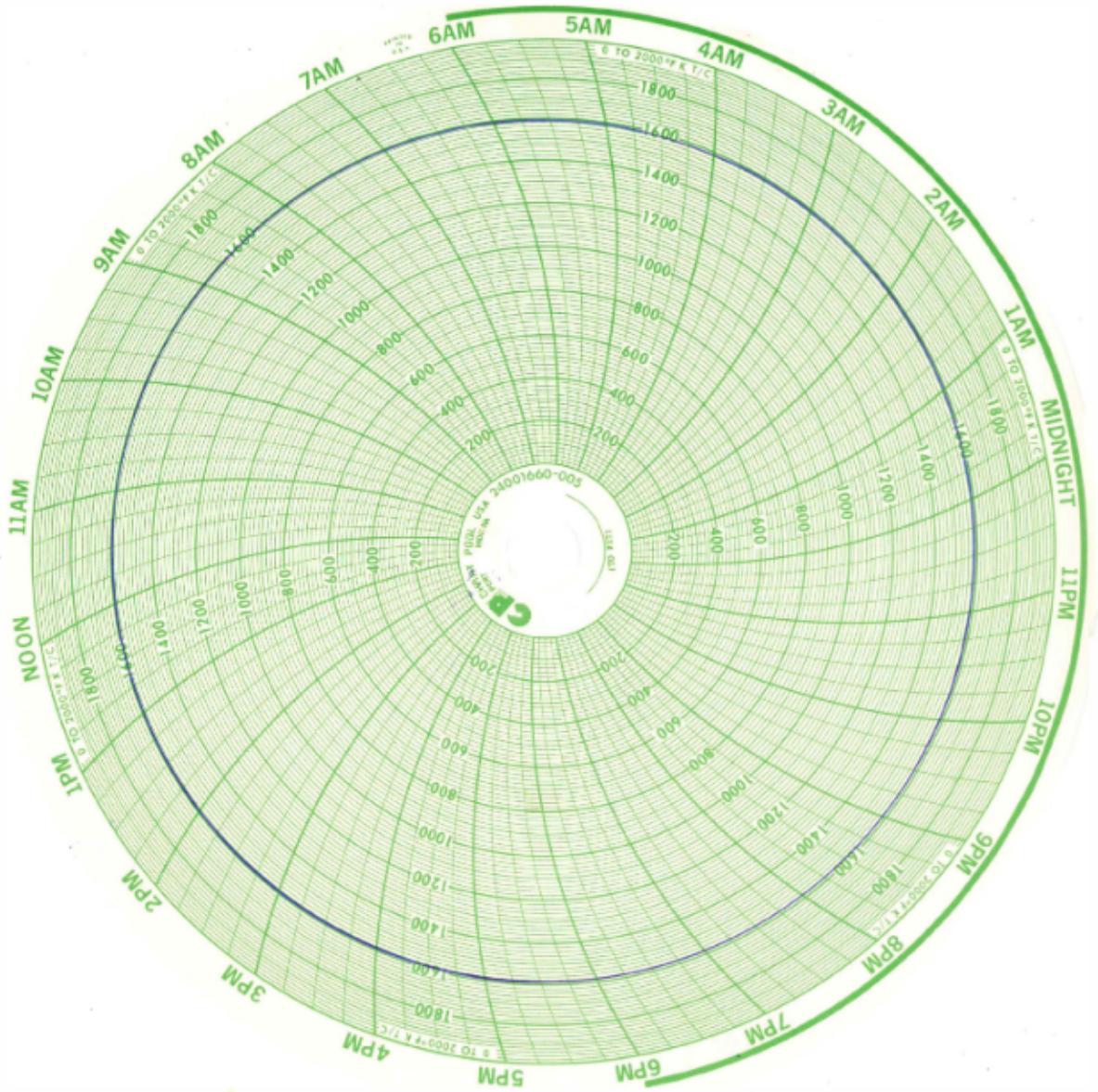


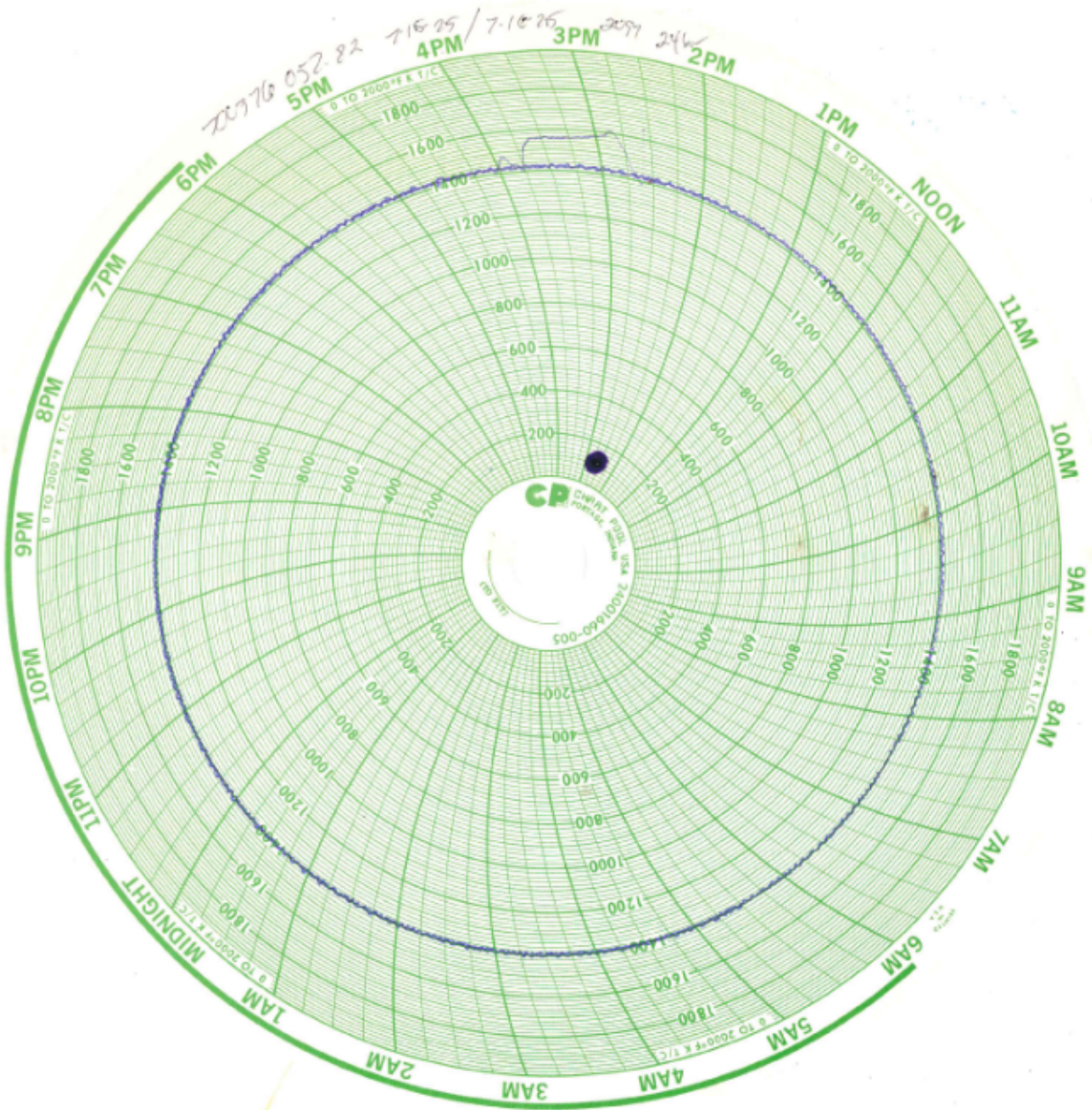


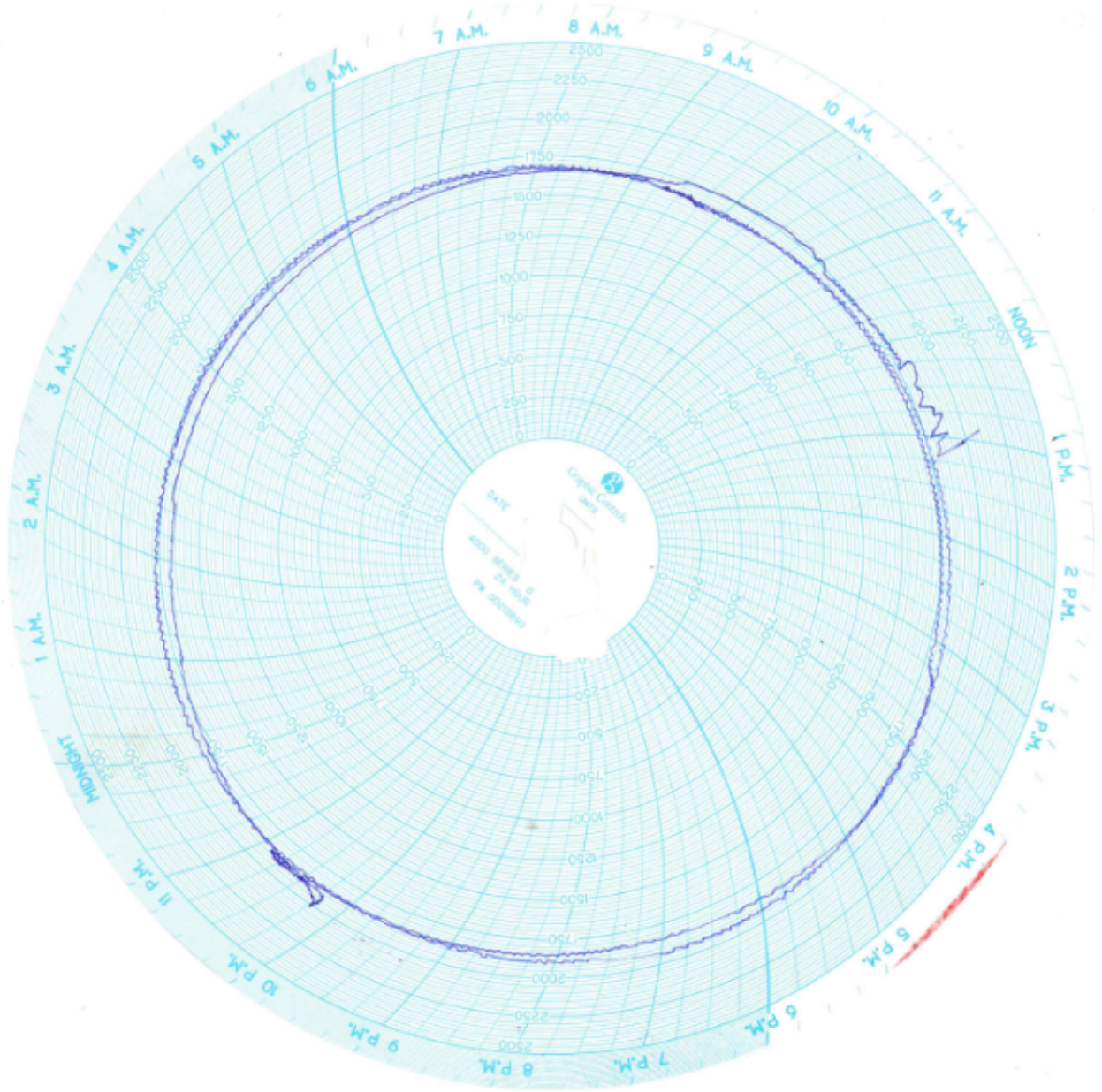


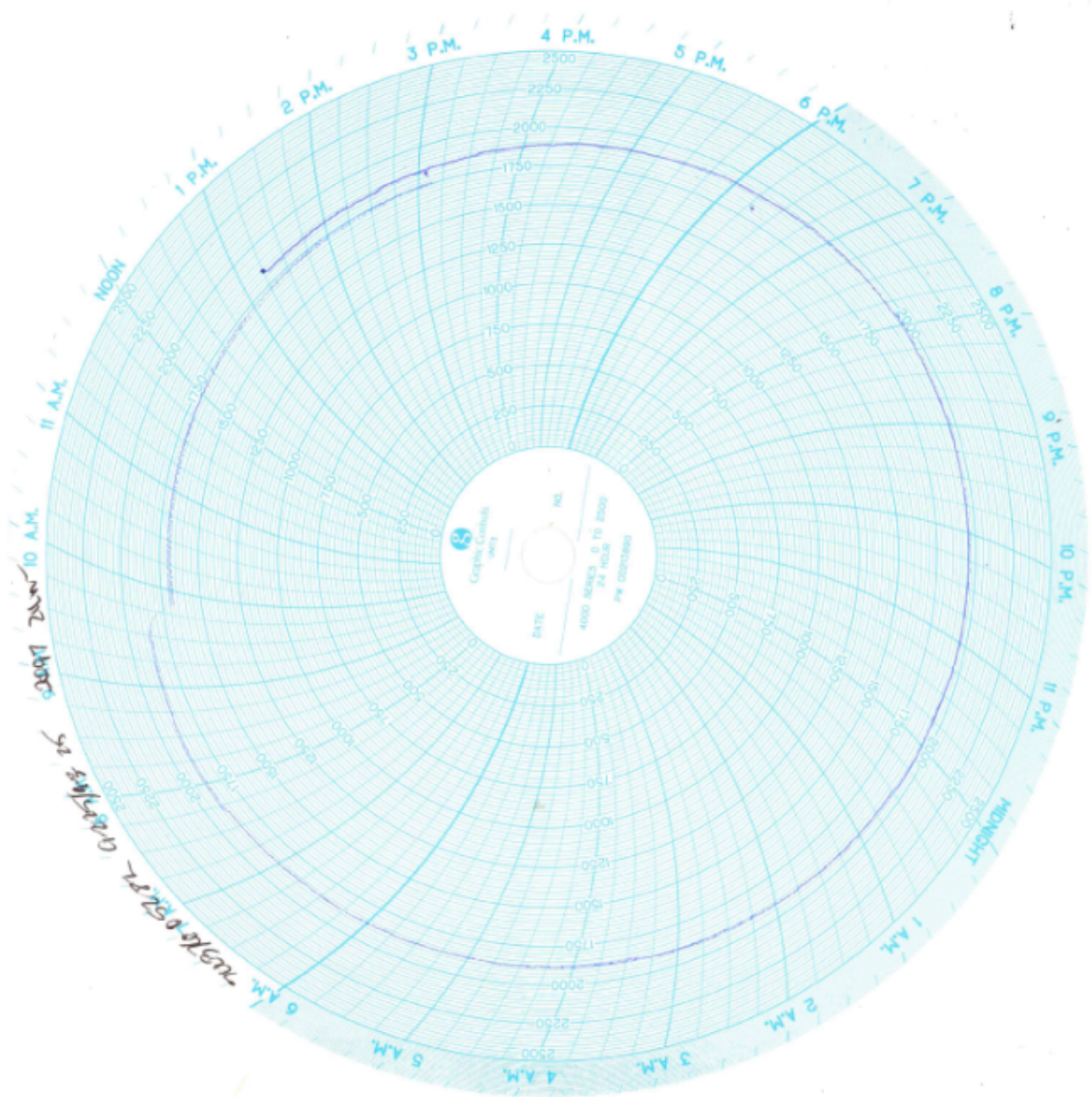


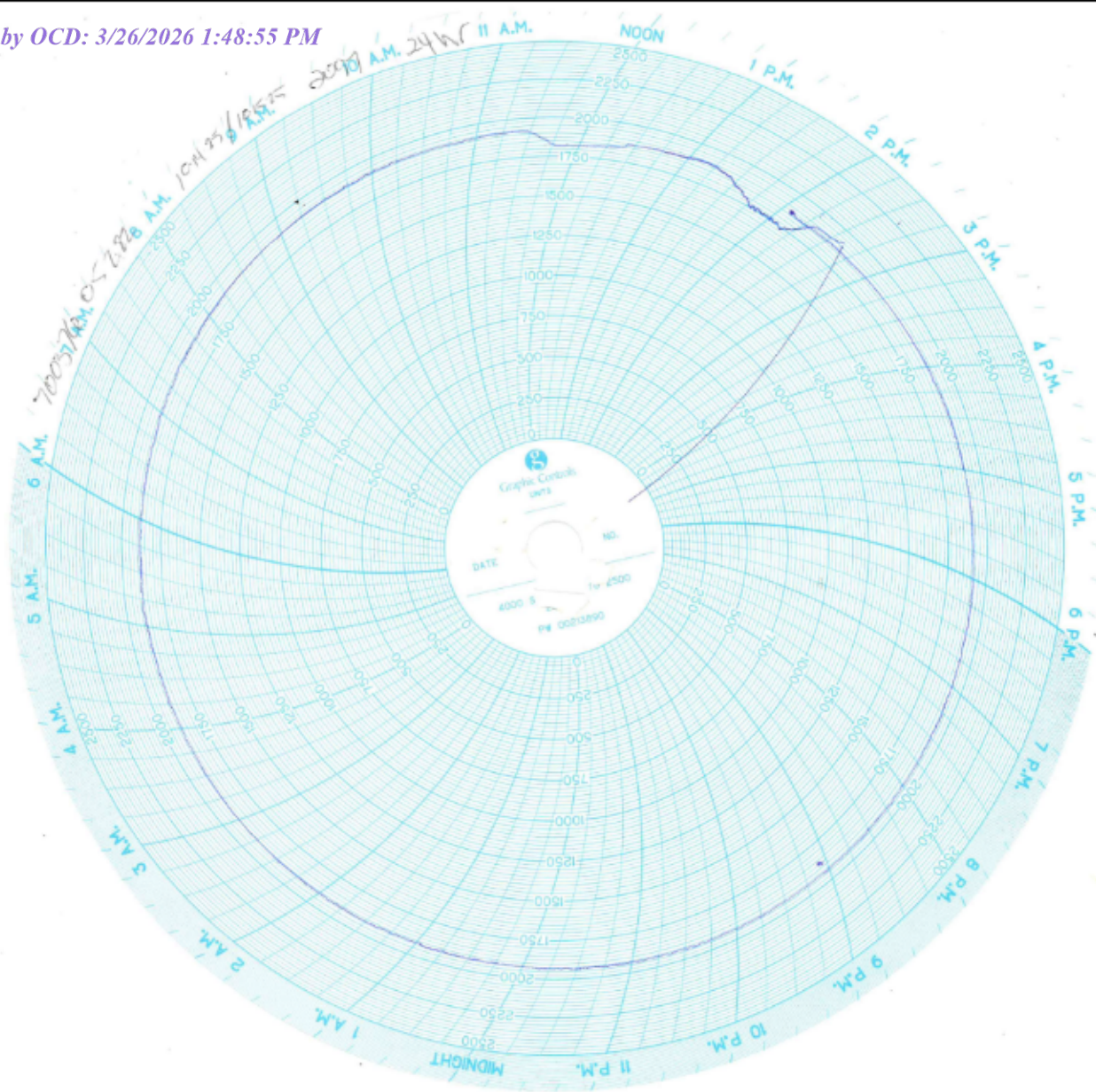


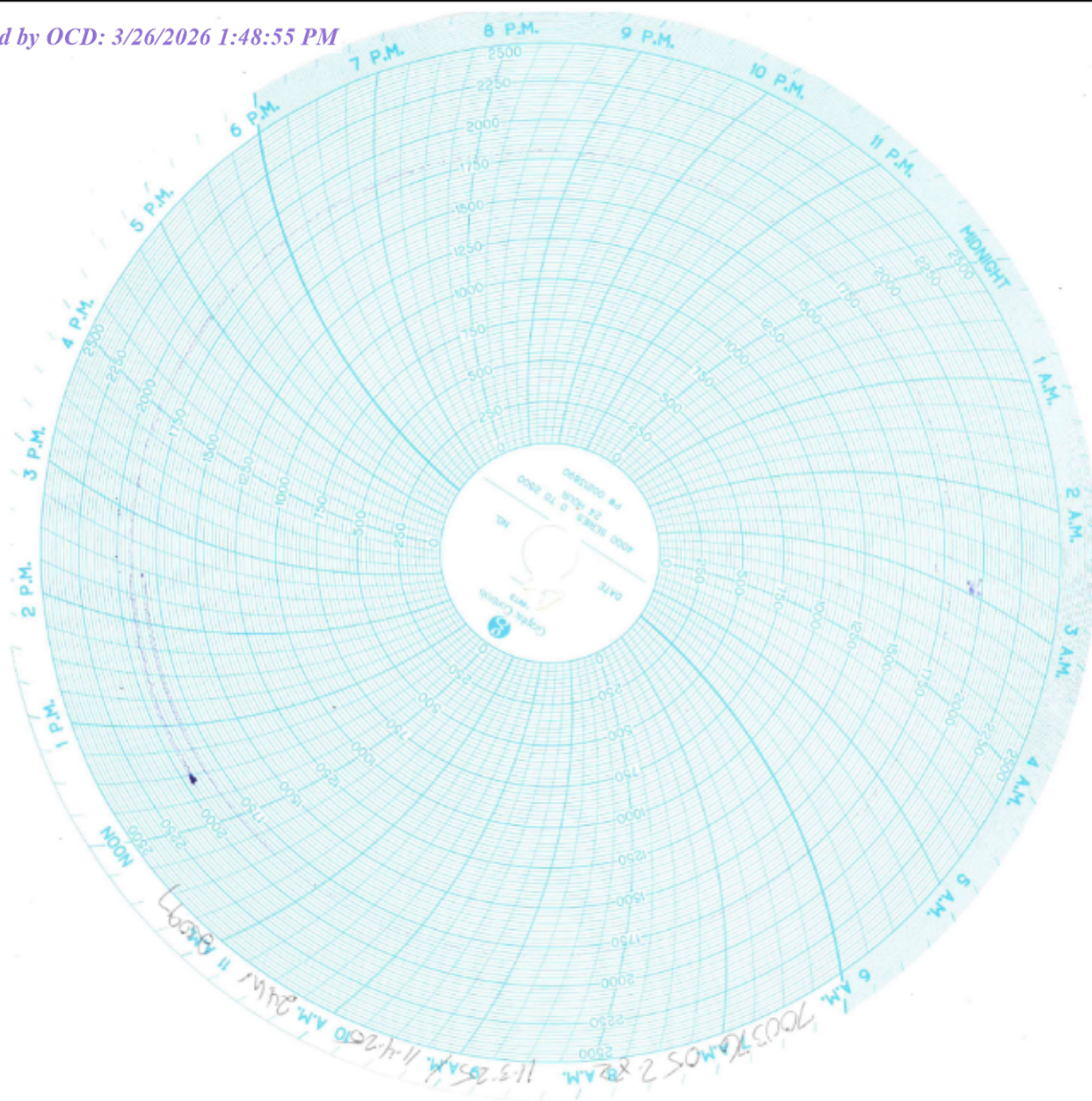


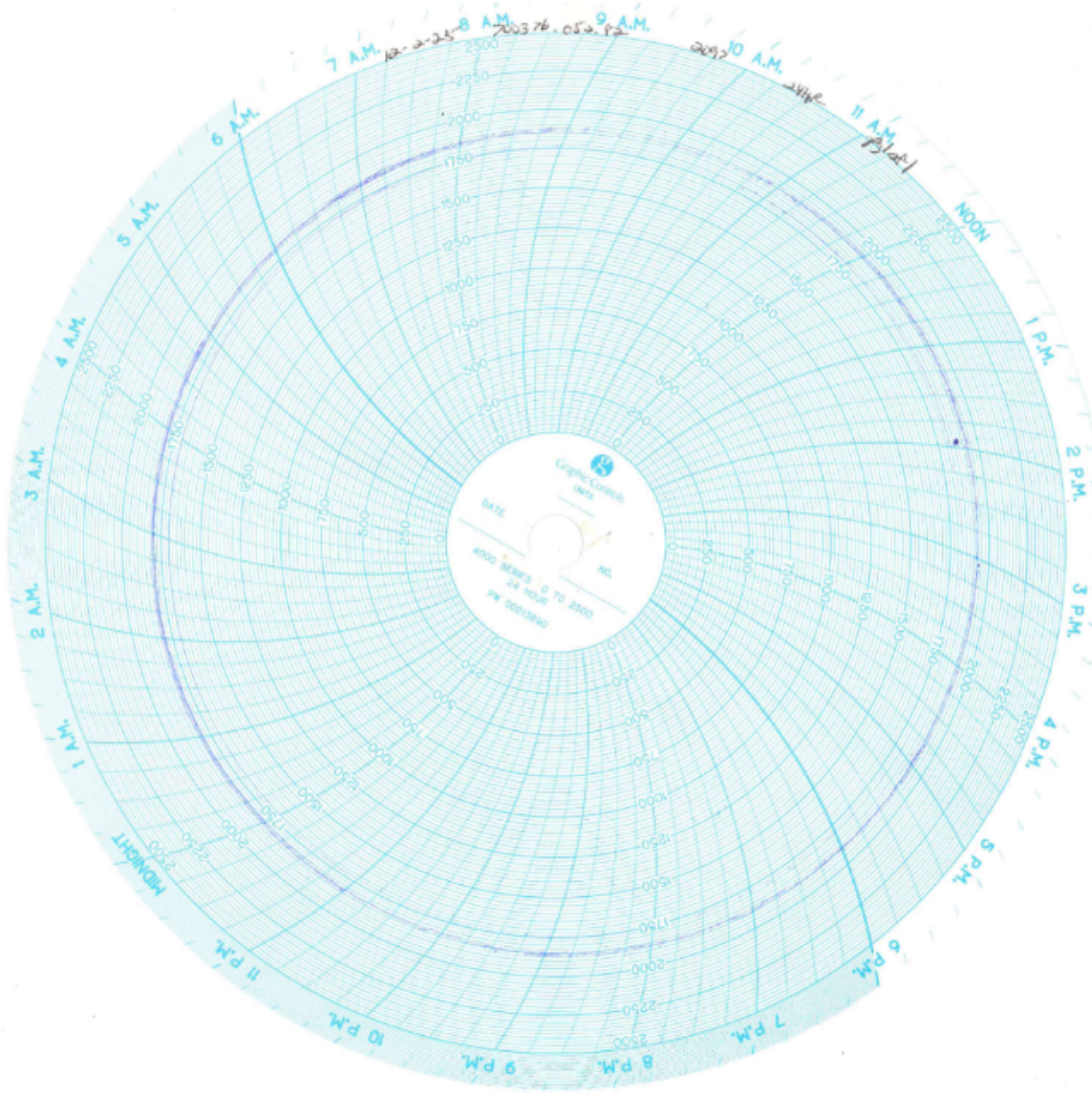












Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 567247

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID: 34053
	Action Number: 567247
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
owen.sitler	1) Continue quarterly groundwater monitoring as prescribed	5/20/2026
owen.sitler	2) Continue monthly application of MDPE as prescribed	5/20/2026
owen.sitler	3) Decommission five monitoring wells and install six new monitoring wells in accordance with the Stage II Abatement Plan	5/20/2026
owen.sitler	4) Submit to OCD the 2026 Annual Groundwater Report no later than April 2, 2027	5/20/2026