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2025 Annual Groundwater Monitoring Report

8" Moore to Jal #1

Lea County, New Mexico

SRS # 2002-10270

NMOCD REF. # AP-91, nAPP2109526205

Prepared For:

Plains Pipeline, L.P.

333 Clay Street

Suite 1600

Houston, Texas 77002

Prepared By:

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2901 State Highway 349

Midland, Texas 79706

March 19, 2026



2025 ANNUAL GROUNDWATER MONITORING REPORT

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March 19, 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 8" Moore to Jal #1 release site is located approximately 9.2 miles southeast of Lovington, New Mexico in the SE ¼ of the NW ¼ of Unit F, Section 16, Township 17 South, and Range 37 East. The site is located within the West Lovington Oil Field on land owned by the State of New Mexico. No residence and/or surface water features are located within a 1,000-foot radius of the site.

The topography is essentially flat. The average elevation of the site and surrounding area is approximately 3,770 feet above mean sea level with a slight slope to the southeast.

During October 2002, a release of approximately 200 barrels (bbls) of crude oil occurred from a Plains Pipeline, L.P. (Plains) pipeline at the site. Approximately 8,000 square feet of surface area was impacted by the release. Soil excavation and over-excavation activities were initiated in October 2002 and the soil phase of the site remediation was closed in 2007.

Since the initial release, 52 monitor wells have been installed near the release point. Of these, a total of 17 monitoring wells are gauged and sampled on a quarterly basis, and 35 have been plugged and abandoned (see Figure 1).

In 2010, phase separated hydrocarbons (PSH) recovery efforts included the use of specific gravity skimmers with bladder pumps and total fluid pumps. Mobile dual phase extraction (MDPE) events were added to the recovery program in 2017.

Talon/LPE was retained by Plains to conduct groundwater sampling and to manage PSH recovery operations at the site, as no active recovery system is currently in place.

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 consists of sand, clay, silt and abundant, eroded, gravel to cobble size caliche fragments. Below the topsoil is predominately unconsolidated sand to weakly cemented sandstone which has undergone calcification of varying extent. Below the Blackwater Draw Formation is the Ogallala Formation consists mostly of eolian sediments, silty to very fine sand, or loess.

Per boring logs collected during installation, soils encountered at the site consist of fine to medium grained sand, silty gravel, caliche, and limestone from ground surface to approximately 120 feet below ground surface (bgs).

1.2 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
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** 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 program as to inhibiting plume migration, reducing the volume of PSH impact to the groundwater and determining if modifications to the remediation program would improve performance and efficiency.

2.1 Monitoring Well Plugging and Installation Activities

In January 2025, 35 monitoring wells (MW-1A, MW-2, MW-3, MW-4A, MW-5 through MW-7, MW-9 through MW-31, and MW-33 through MW-37) were P&A'd due to consistently dry conditions or insufficient water levels for purging and sampling. Between January 21 and January 29, 2025, to replace P&A'd wells, 11 monitoring wells (MW-3A, MW-5A, MW-9A, MW-13A, MW-14A, MW-16A, MW-19A, MW-24A, MW-27A, MW-31A and MW-33A) were installed to a maximum depth of 115 feet bgs.

Talon supervised the advancement and installation of eleven 2-inch and 4-inch diameter wells using mud rotary techniques. The locations of each monitor well and replacement well are presented on **Figure 1**. The wells were installed by a State of New Mexico well driller. State of New Mexico Well Reports, Monitoring Well Logs, and Plugging Reports are provided in [Appendix E](#).

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 determine the thickness of PSH accumulations, if present. The data collected from measurements was used to construct groundwater gradient maps and PSH thickness maps. The results of the measured depths to fluids collected during each of the four (4) events are incorporated in Table 1 – Groundwater Gauging and NAPL Thickness - Historical of [Appendix B](#).

Subsequent to gauging, all monitor wells with sufficient water volume and that did not indicate the presence of PSH were purged using a down-hole pump equipped with low-density polyethylene (LDPE) tubing. The pump and tubing were decontaminated with Alconox detergent and rinsed with distilled water after each use. Recovered purge water and water used in the decontamination process was contained in 55-gallon drums. Subsequent to the completion of the groundwater monitoring event, all retained water

was deposited into a recovery tank and stored onsite. Prior to August 2022, recovered water was sent to the disposal facility via the onsite transfer system. Beginning in August 2022, recovered water was transported off site via a vacuum truck for disposal.

Groundwater samples were collected from all monitor wells that were not impacted with PSH using dedicated disposable polyethylene bailers. The groundwater samples were contained in laboratory supplied 40-mL VOA sample vials with the appropriate preservative required for the analysis requested. The groundwater samples were maintained on ice, in the custody of Talon/LPE personnel, until they were delivered to Permian Basin Environmental (PBE) in Midland, Texas for analyses. The groundwater samples collected during all four (4) events were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method SW-846 8021B. Groundwater samples collected from monitor wells MW-3A, MW-5A, MW-13A, MW-14A, MW-16A, MW-19A, MW-24A, MW-27A, MW-31A, and MW-33A were also analyzed for polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270C during the March 2025 sampling event.

2.3 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 MW-8 and MW-9A were not sampled due to the presence of PSH and MW-32 was dry when gauged; therefore was not purged or sampled.

During the June 2025 groundwater monitoring event MW-9A was not sampled due to the presence of PSH, and MW-8 and MW-32 were dry when gauged; therefore were not purged or sampled.

During the September 2025 groundwater monitoring event MW-9A and MW-31A were not sampled due to the presence of PSH and wells MW-8 and MW-32 were dry when gauged; therefore, were not purged or sampled.

During the December 2025 groundwater monitoring event, MW-8 and MW-32 were dry when gauged and MW-38 had insufficient water for sampling; therefore, were not purged or sampled.

2.4 Phase Separated Hydrocarbon Recovery

Four (4) MDPE events, in which liquid and vapor PSH were recovered, were conducted on site during 2025. The individual MDPE event recovery totals are as follows:

March 5, 2025 – 2.32 bbls vapor, 0.22 bbls liquid
June 2, 2025 – 1.36 bbls vapor, 0.71 bbls liquid
September 3, 2025 – 1.18 bbls vapor, 0.00 bbls liquid
November 12, 2025 – 2.06 bbls vapor, 0.00 bbls liquid

In 2025, an estimated total of 7.86 bbls of PSH were recovered during the MDPE events which consisted of 0.94 bbls of liquid PSH and 6.92 bbls of vapor.

PSH recovery has declined significantly over the past three years. Recovery totaled 40.25 bbls in 2023, dropped sharply to 13.18 bbls in 2024, and decreased further to 7.86 bbls in 2025. Overall, this reflects an approximate 80% reduction since 2023, indicating a sustained downward trend in PSH recovery performance over time.

To date, approximately 3,153.42 bbls of PSH have been recovered at the subject site via hand bailing, skimmer/bladder pump recovery system, and MDPE. A copy of the *Mobile Dual Phase Extraction (MDPE) Report* for 2025 is provided in [Appendix D](#).

3. GROUNDWATER MONITORING RESULTS

The results of the laboratory analyses are summarized in **Table 2** – Groundwater Analytical Data (BTEX) - Historical 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 Groundwater Gradient and Flow Direction

The depth to fluid measurements was 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 and NAPL Thickness - Historical in [Appendix B](#).

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

- March 19, 2025
- June 11, 2025
- September 12, 2025
- December 04, 2025

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

Based on fluid level measurements at 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 0.0050 feet per foot (ft/ft). During the fourth (4) quarter monitoring event, it was observed and documented that groundwater had decreased compared to the first three (3) quarters. The depth to groundwater at the site has historically ranged from 76 to 95 feet below ground surface, and the groundwater flow direction is to the southeast.

3.2 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 two (2) monitor wells (MW-8 and MW-9A). PSH thickness in these wells was 0.01 feet.

During the June 2025 sampling event, PSH was observed in one (1) monitor well (MW-9A). PSH thickness in this well was 0.01 feet.

During the September 2025 sampling event, PSH was observed in two (2) monitor wells (MW-9A and MW-31A). PSH thickness in these wells was 0.01 feet.

During the December 2025 sampling event, no PSH was observed in any monitor well.

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

PSH measurements show a clear year-over-year decline. In 2023, PSH levels were highest and most variable, with readings reaching up to 2.90 ft early in the year. In 2024, PSH values were consistently lower, with maximum measurements steadily decreasing to 0.52 ft by December. By 2025, PSH was essentially absent, with readings at 0.01 ft from March through September and no PSH observed in December.

3.3 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:
 - March
 - MW-38
 - September
 - MW-3A and MW-24A
 - December
 - MW-3A, MW-13A, and MW-24A
- No other analytes exceeded the NMWQCC groundwater standards in 2025.

Additional monitoring data is required to fully assess trends in benzene exceedances; however, PSH gauging and recovery data combined with benzene analytical data indicate a downward trend in the plume. Multiple wells that previously contained PSH or benzene concentrations went dry and were subsequently re-drilled in 2025 to provide additional monitoring data. Benzene exceedances were identified in several samples collected from the replacement monitoring wells in 2025, but generally the benzene concentrations in these samples were lower than the concentrations detected in samples collected from associated monitoring wells that were replaced. Short-term benzene

concentration increases in monitoring wells may be associated with slow transmissivity rates as representative groundwater from the entire plume has equilibrated into the replacement wells.

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

- The groundwater flow direction is generally to the southeast with an average gradient of 0.0050 feet per foot based on the water level measurement data collected in 2025.
- PSH thicknesses have remained stable during the year 2025.
- Dissolved-phase benzene concentrations increased and exceeded NMWQCC standards in monitor wells MW-3A, MW-13A, and MW-24A. Monitoring data indicates an overall declining trend in benzene concentrations across the plume, despite limited recent data and some short-term variability in replacement wells. Elevated benzene concentrations observed in newly installed wells are generally lower than historical levels and likely reflect equilibration effects in low-transmissivity conditions rather than plume expansion.
- In 2025, the groundwater recovery system and four (4) MDPE events recovered 7.86 bbls of PSH, primarily as vapors. This represents a decline compared to 2024, when 13.18 bbls were recovered, reflecting an approximate 40% year-over-year reduction in PSH recovery.

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 19, 2025 and approved by the NMOCD:

- Install additional monitoring wells to compensate for declining groundwater levels and convert dry wells MW-8 and MW-32 for potential vapor extraction as part of MDPE activities per the approved abatement plan by NMOCD on March 9, 2026.
- Perform quarterly groundwater monitoring events in accordance with NMOCD directives.
- Continue performing MDPE events on a quarterly basis.



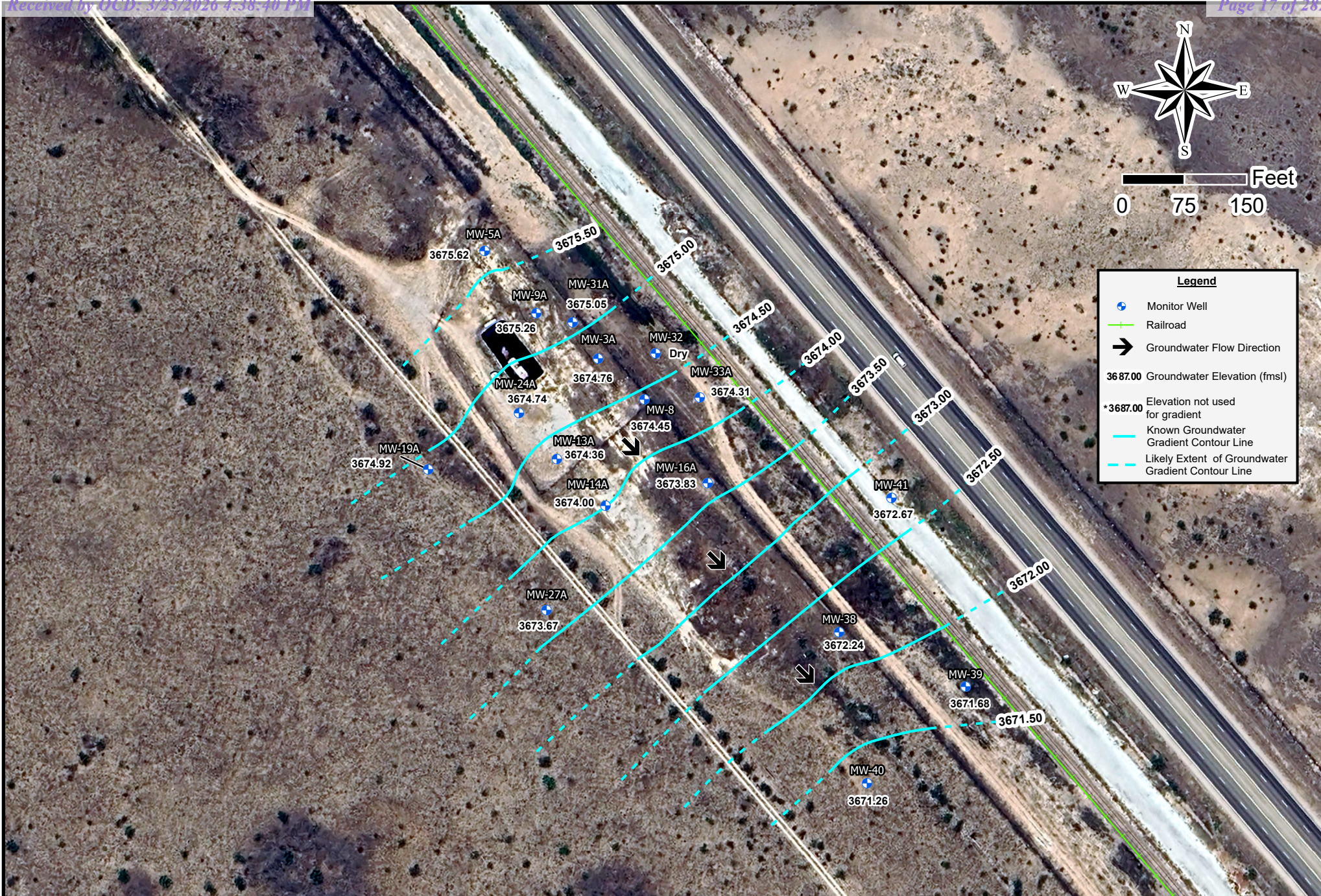
APPENDIX A

Figures



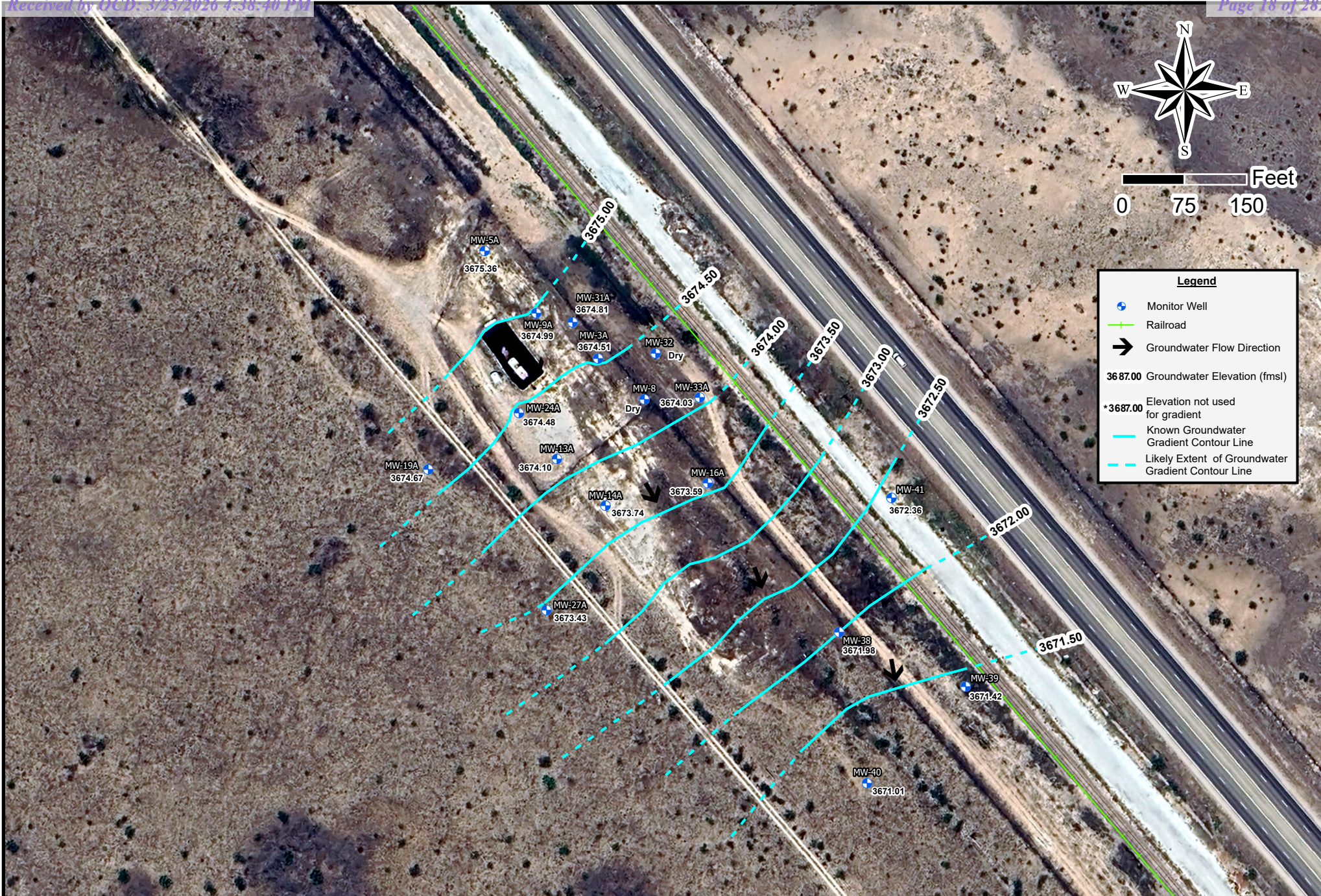
Drafted: 2/24/2026
 1 in = 150 ft
 Drafted By: KDT

8" Moore to Jal #1
 SRS # 2002-10270, NMOCD REF. #nAPP2109526205
 SE 1/4, NW 1/4 of Sec. 16, T17S, R37E, Lea County, New Mexico
 32.837091, -103.257099
 Figure 1 - Site Map



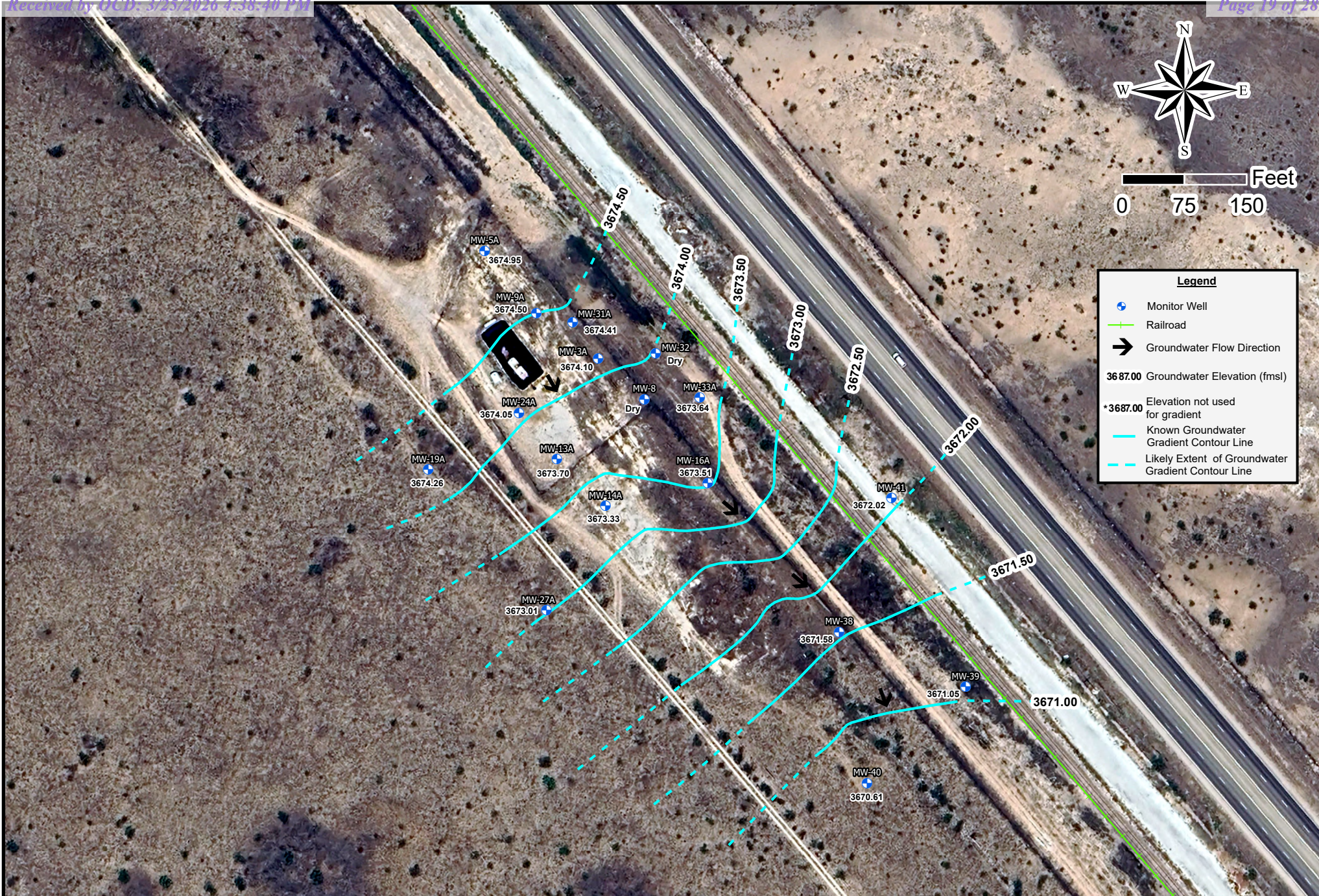
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 Drafted By: JAI

8" Moore to Jal #1
 SRS # 2002-10270, NMOCD REF. #nAPP2109526205
 SE 1/4, NW 1/4 of Sec. 16, T17S, R37E, Lea County, New Mexico
 32.837091, -103.257099
 Figure 2a - Groundwater Gradient Map (03/19/2025)



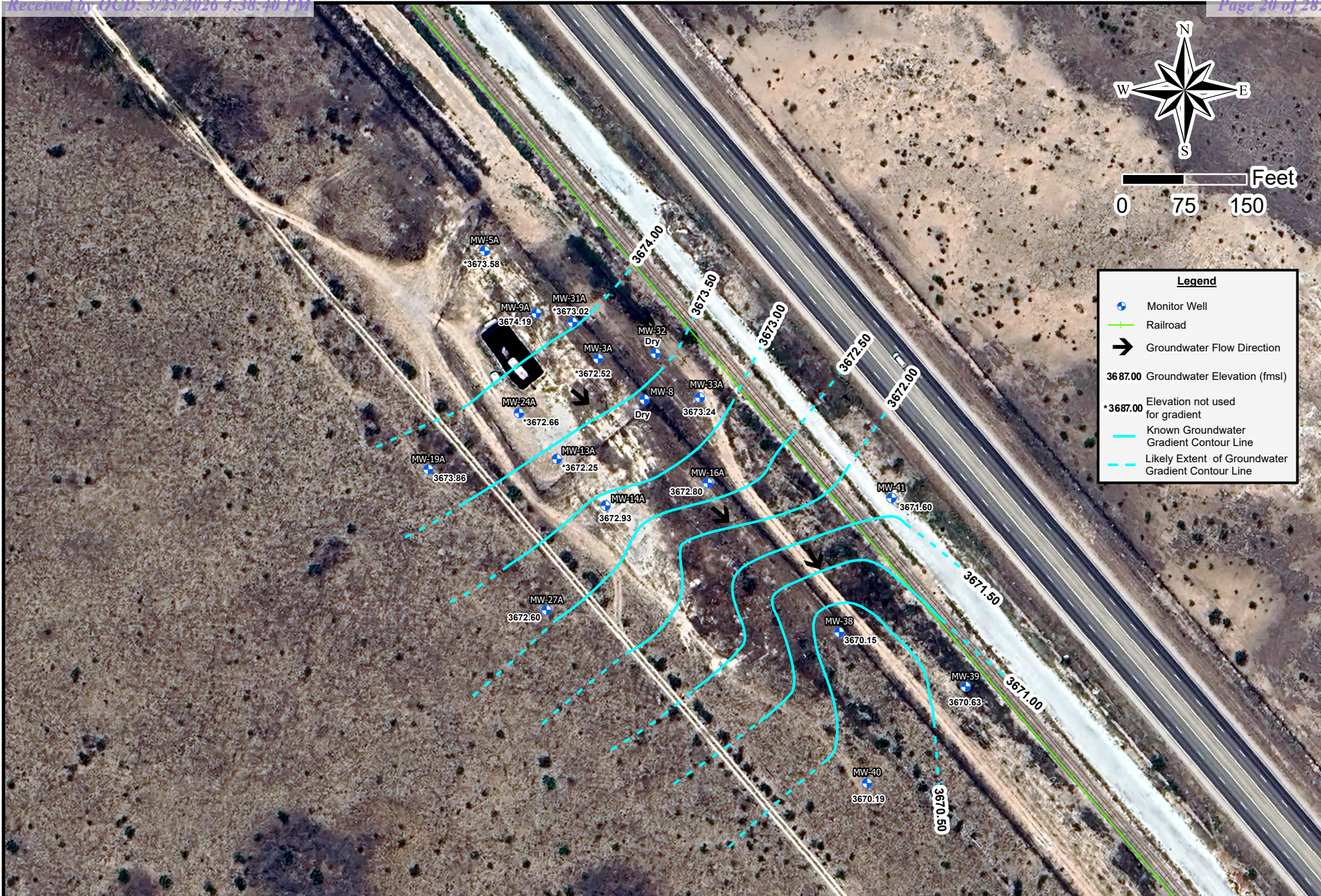
Drafted: 2/24/2026
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 SE 1/4, NW 1/4 of Sec. 16, T17S, R37E, Lea County, New Mexico
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 Figure 2b - Groundwater Gradient Map (06/11/2025)



Drafted: 2/24/2026
 1 in = 150 ft
 Drafted By: JAI

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 SE 1/4, NW 1/4 of Sec. 16, T17S, R37E, Lea County, New Mexico
 32.837091, -103.257099
 Figure 2c - Groundwater Gradient Map (09/12/2025)



Legend

- Monitor Well
- Railroad
- ➔ Groundwater Flow Direction
- 3687.00** Groundwater Elevation (fmsl)
- *3687.00** Elevation not used for gradient
- Known Groundwater Gradient Contour Line
- - - Likely Extent of Groundwater Gradient Contour Line



Drafted: 2/24/2026
 1 in = 150 ft
 Drafted By: JAI

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 SRS # 2002-10270, NMOCD REF. #nAPP2109526205
 SE 1/4, NW 1/4 of Sec. 16, T17S, R37E, Lea County, New Mexico
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 Figure 2d - Groundwater Gradient Map (12/04/2025)



Drafted: 2/23/2026
 1 in = 150 ft
 Drafted By: JAI

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 SE 1/4, NW 1/4 of Sec. 16, T17S, R37E, Lea County, New Mexico
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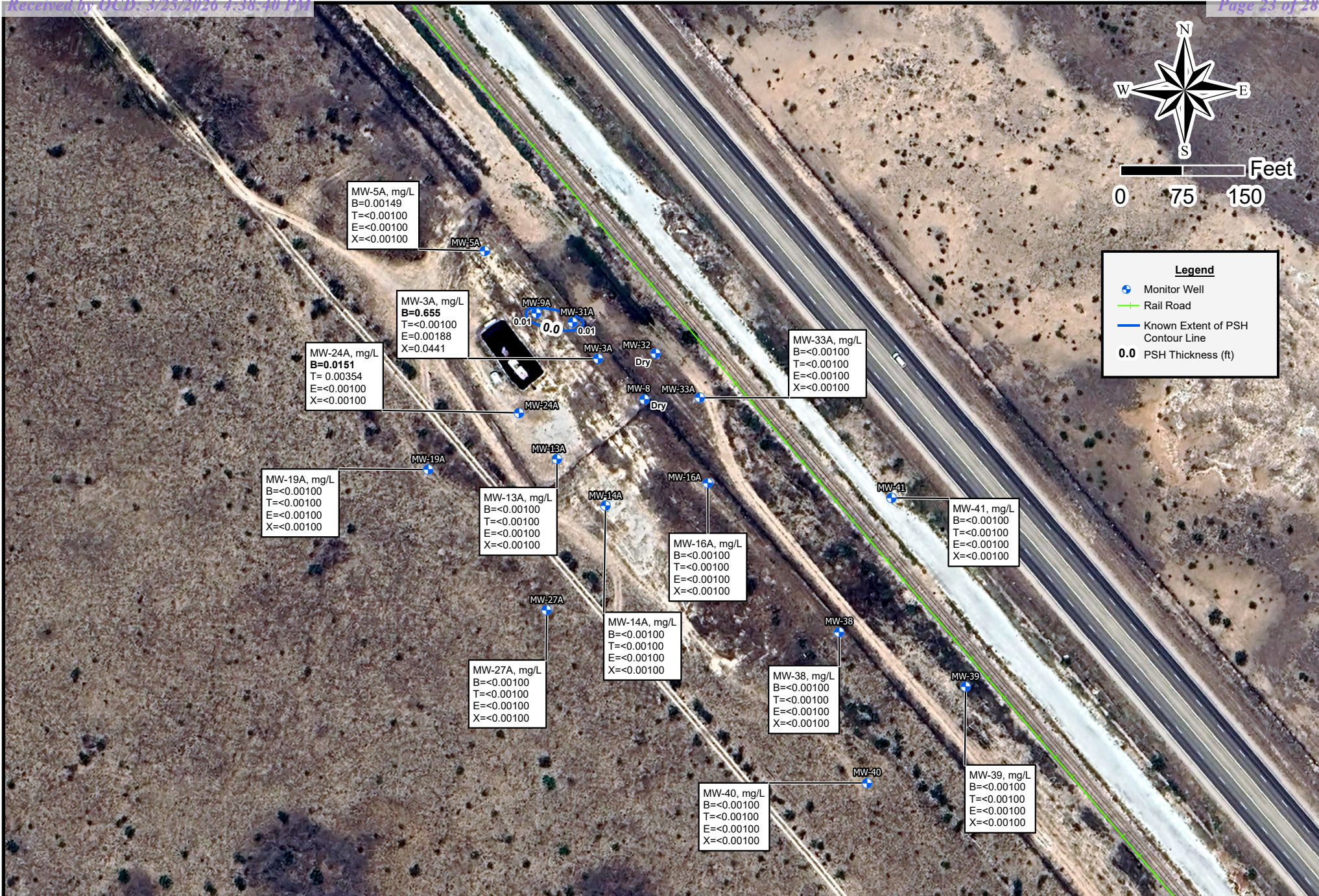
Figure 3a - PSH Thickness & Groundwater Concentration Map (03/19/2025)



Drafted: 2/23/2026
1 in = 150 ft
Drafted By: JAI

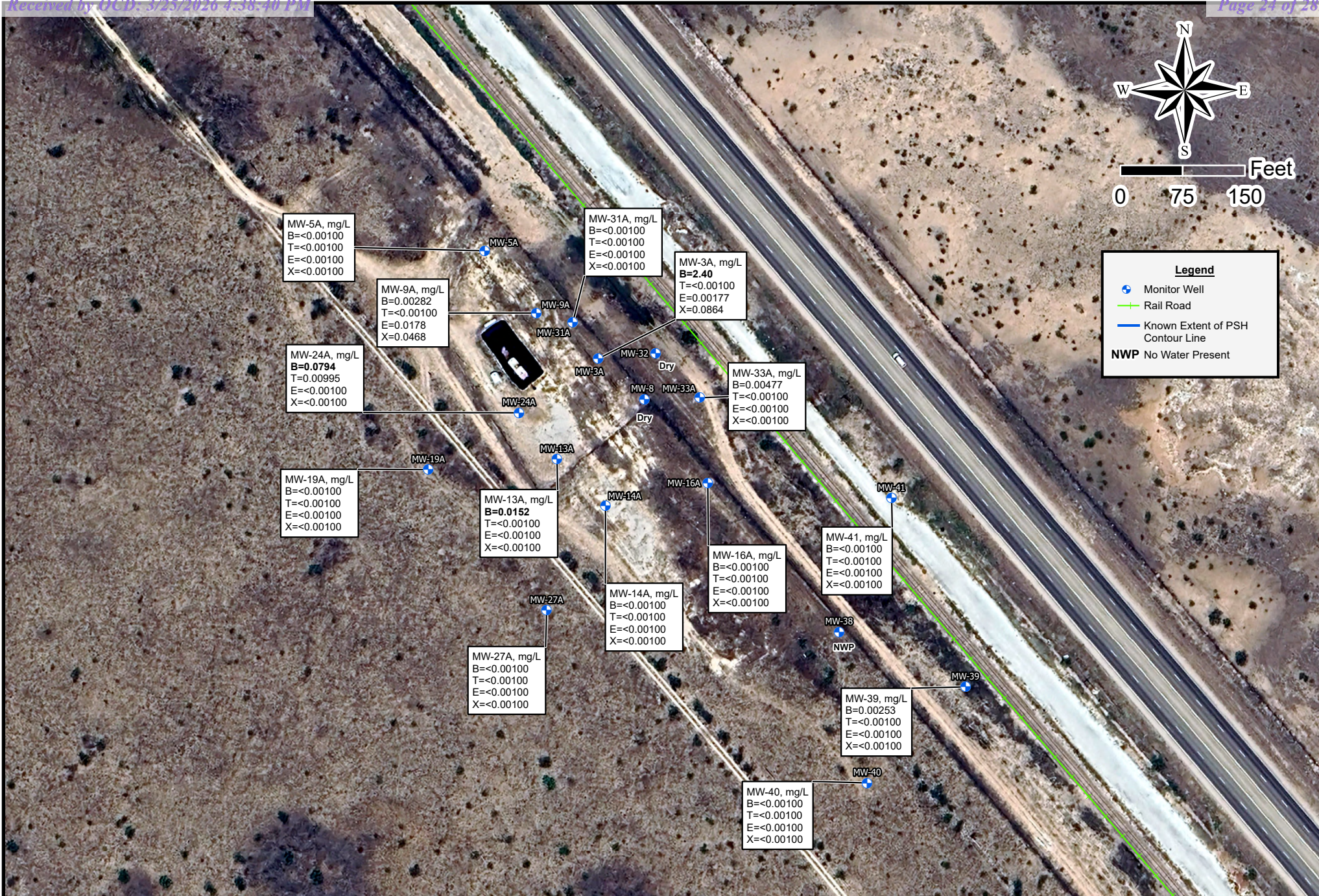
8" Moore to Jal #1
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SE 1/4, NW 1/4 of Sec. 16, T17S, R37E, Lea County, New Mexico
32.837091, -103.257099

Figure 3b - PSH Thickness & Groundwater Concentration Map (06/11,16/2025)



Drafted: 2/23/2026
 1 in = 150 ft
 Drafted By: JAI

8" Moore to Jal #1
 SRS # 2002-10270, NMOCD REF. #nAPP2109526205
 SE 1/4, NW 1/4 of Sec. 16, T17S, R37E, Lea County, New Mexico
 32.837091, -103.257099
 Figure 3c - PSH Thickness & Groundwater Concentration Map (09/12/2025)



Drafted: 2/23/2026
 1 in = 150 ft
 Drafted By: JAI

8" Moore to Jal #1
 SRS # 2002-10270, NMOCD REF. #nAPP2109526205
 SE 1/4, NW 1/4 of Sec. 16, T17S, R37E, Lea County, New Mexico
 32.837091, -103.257099

Figure 3d - PSH Thickness & Groundwater Concentration Map (12/04-05/2025)



APPENDIX B

Tables

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-1A 4"	3,768.36	63	83	03/24/2016	NL	-	-	-
				06/20/2016	NL	-	-	-
				09/28/2016	NL	-	-	-
				12/13/2016	NL	-	-	-
				03/16/2017	NL	-	-	-
				06/05/2017	NL	-	-	-
				09/19/2017	NL	-	-	-
				12/13/2017	NL	-	-	-
				03/23/2018	NL	-	-	-
				06/14/2018	DR	-	-	-
				09/24/2018	73.69	73.68	0.01	3,694.68
				12/17/2018	DR	-	-	-
				03/21/2019	DR	-	-	-
				06/24/2019	DR	-	-	-
				09/16/2019	DR	-	-	-
				12/12/2019	DR	-	-	-
				03/16/2020	DR	-	-	-
				06/18/2020	74.00	-	-	3,694.36
				09/17/2020	DR	-	-	-
				12/07/2020	DR	-	-	-
				03/08/2021	DR	-	-	-
				06/25/2021	DR	-	-	-
				09/10/2021	DR	-	-	-
				12/07/2021	DR	-	-	-
				03/08/2022	DR	-	-	-
				06/14/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
				03/14/2023	DR	-	-	-
				06/14/2023	DR	-	-	-
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-2 4"	3,768.35	63	83	03/24/2016	83.50	77.21	6.29	3,690.10
				06/20/2016	83.60	77.70	5.90	3,689.68
				09/28/2016	83.63	78.31	5.32	3,689.16
				12/13/2016	82.48	78.70	3.78	3,689.03
				03/16/2017	85.39	78.95	6.44	3,688.34
				06/05/2017	83.00	79.30	3.70	3,688.44
				09/19/2017	83.49	79.79	3.70	3,687.95
				12/13/2017	83.60	80.24	3.36	3,687.56
				03/23/2018	83.60	80.59	3.01	3,687.26
				06/14/2018	83.67	80.94	2.73	3,686.96
				09/24/2018	84.15	81.48	2.67	3,686.43
				12/17/2018	85.00	81.95	3.05	3,685.90
				03/21/2019	83.68	82.20	1.48	3,685.91
				06/24/2019	83.63	82.60	1.03	3,685.58
				09/16/2019	83.66	83.10	0.56	3,685.16
				12/12/2019	83.67	83.60	0.07	3,684.74
				03/16/2020	DR	-	-	-
				06/18/2020	DR	-	-	-
				09/17/2020	DR	-	-	-
				12/07/2020	DR	-	-	-
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				06/14/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
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09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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"	3,767.24	61	81	03/24/2016	80.90	76.06	4.84	3,690.38
				06/20/2016	80.88	77.10	3.78	3,689.52
				09/28/2016	80.92	77.85	3.07	3,688.88
				12/13/2016	81.06	78.15	2.91	3,688.61
				03/16/2017	79.95	78.50	1.45	3,688.50
				06/05/2017	81.00	78.75	2.25	3,688.12
				09/19/2017	81.09	79.20	1.89	3,687.73
				12/13/2017	79.70	79.63	0.07	3,687.60
				03/23/2018	81.09	79.95	1.14	3,687.10
				06/14/2018	81.05	80.40	0.65	3,686.73
				09/24/2018	80.86	80.85	0.01	3,686.39
				12/17/2018	DR	-	-	-
				03/21/2019	DR	-	-	-
				06/24/2019	DR	-	-	-
				09/16/2019	DR	-	-	-
				12/12/2019	DR	-	-	-
				03/16/2020	DR	-	-	-
				06/18/2020	DR	-	-	-
				09/17/2020	DR	-	-	-
				12/07/2020	DR	-	-	-
				03/08/2021	DR	-	-	-
				06/25/2021	DR	-	-	-
				09/10/2021	DR	-	-	-
				12/07/2021	DR	-	-	-
				03/08/2022	DR	-	-	-
				06/14/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
				03/14/2023	DR	-	-	-
				06/14/2023	DR	-	-	-
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-3A 4"	3,768.32	93	113	03/19/2025	93.56	-	-	3,674.76
				06/11/2025	93.81	-	-	3,674.51
				09/12/2025	94.22	-	-	3,674.10
				12/04/2025	95.80	-	-	3,672.52

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-4A 4"	3,770.64	55	95	03/24/2016	86.93	80.38	6.55	3,689.18
				06/20/2016	87.91	80.75	7.16	3,688.71
				09/28/2016	85.53	82.09	3.44	3,687.98
				12/13/2016	84.82	82.70	2.12	3,687.59
				03/16/2017	87.90	82.25	5.65	3,687.46
				06/05/2017	84.06	83.55	0.51	3,687.01
				09/19/2017	86.73	83.56	3.17	3,686.56
				12/13/2017	86.54	84.03	2.51	3,686.20
				03/23/2018	85.25	84.65	0.60	3,685.89
				06/14/2018	86.20	81.80	4.40	3,688.11
				09/24/2018	85.65	85.64	0.01	3,685.00
				12/17/2018	86.54	86.03	0.51	3,684.53
				03/21/2019	86.40	86.31	0.09	3,684.32
				06/24/2019	87.02	86.66	0.36	3,683.92
				09/16/2019	87.40	87.15	0.25	3,683.45
				12/12/2019	88.55	87.60	0.95	3,682.88
				03/16/2020	89.15	87.67	1.48	3,682.73
				06/18/2020	88.67	88.20	0.47	3,682.36
				09/17/2020	97.00	88.20	8.80	3,680.99
				12/08/2020	94.17	88.55	5.62	3,681.16
				03/08/2021	90.64	89.37	1.27	3,681.06
				06/25/2021	90.10	89.10	1.00	3,681.37
				09/10/2021	90.10	89.50	0.60	3,681.04
				12/07/2021	90.10	90.00	0.10	3,680.62
				03/08/2022	90.74	90.40	0.34	3,680.18
				06/14/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
				03/14/2023	DR	-	-	-
				06/14/2023	DR	-	-	-
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-5 4"	3,768.85	57	97	03/24/2016	84.32	77.78	6.54	3,689.99
				06/20/2016	84.62	78.21	6.41	3,689.58
				09/28/2016	82.42	79.54	2.88	3,688.83
				12/13/2016	83.17	79.82	3.35	3,688.48
				03/16/2017	NL	-	-	-
				06/05/2017	NL	-	-	-
				09/19/2017	90.50	80.32	10.18	3,686.85
				12/13/2017	82.00	81.81	0.19	3,687.01
				03/23/2018	82.45	82.07	0.38	3,686.72
				06/14/2018	82.75	82.55	0.20	3,686.27
				09/24/2018	83.30	83.00	0.30	3,685.80
				12/17/2018	85.10	83.15	1.95	3,685.38
				03/21/2019	85.82	83.30	2.52	3,685.13
				06/24/2019	85.60	83.80	1.80	3,684.75
				09/16/2019	86.12	84.20	1.92	3,684.33
				12/12/2019	86.05	85.03	1.02	3,683.65
				03/16/2020	86.25	85.15	1.10	3,683.52
				06/18/2020	85.65	85.60	0.05	3,683.24
				09/17/2020	86.90	85.97	0.93	3,682.73
				12/07/2020	DR	-	-	-
				03/08/2021	DR	-	-	-
				06/25/2021	DR	-	-	-
				09/10/2021	OB	-	-	-
				12/07/2021	DR	-	-	-
				03/08/2022	DR	-	-	-
				06/14/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
				03/14/2023	DR	-	-	-
				06/14/2023	DR	-	-	-
09/14/2023	OB	-	-	-				
12/12/2023	OB	-	-	-				
03/07/2024	OB	-	-	-				
06/10/2024	OB	-	-	-				
09/10/2024	OB	-	-	-				
12/11/2024	OB	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-5A 4"	3,769.41	93	113	03/19/2025	93.79	-	-	3,675.62
				06/11/2025	94.05	-	-	3,675.36
				09/12/2025	94.46	-	-	3,674.95
				12/04/2025	95.83	-	-	3,673.58
MW-6 4"	3,769.50	52	92	03/24/2016	87.85	78.80	9.05	3,689.21
				06/20/2016	87.75	79.28	8.47	3,688.82
				09/28/2016	88.51	79.97	8.54	3,688.12
				12/13/2016	88.08	80.45	7.63	3,687.79
				03/16/2017	89.05	80.55	8.50	3,687.55
				06/05/2017	88.65	81.05	7.60	3,687.20
				09/19/2017	87.73	81.62	6.11	3,686.87
				12/13/2017	86.40	82.60	3.80	3,686.27
				03/23/2018	85.00	83.23	1.77	3,685.98
				06/14/2018	90.00	82.80	7.20	3,685.51
				09/24/2018	84.50	84.33	0.17	3,685.14
				12/17/2018	88.25	84.40	3.85	3,684.46
				03/21/2019	85.73	84.93	0.80	3,684.44
				06/24/2019	86.80	85.25	1.55	3,683.99
				09/16/2019	86.52	85.85	0.67	3,683.54
				12/12/2019	89.55	85.85	3.70	3,683.04
				03/16/2020	87.70	86.50	1.20	3,682.80
				06/18/2020	86.35	86.31	0.04	3,683.18
				09/17/2020	92.80	86.50	6.30	3,681.96
				12/07/2020	86.91	86.90	0.01	3,682.60
				03/08/2021	OB	-	-	-
				06/25/2021	OB	-	-	-
				09/10/2021	OB	-	-	-
				09/30/2021	93.50	88.21	5.29	3,680.42
				12/07/2021	92.70	89.95	2.75	3,679.10
				03/08/2022	92.65	89.03	3.62	3,679.87
				06/14/2022	92.65	89.56	3.09	3,679.43
				09/06/2022	92.65	90.00	2.65	3,679.06
				12/14/2022	92.65	90.48	2.17	3,678.66
				03/14/2023	92.55	91.69	0.86	3,677.67
				06/14/2023	93.03	92.15	0.88	3,677.20
				09/14/2023	DR	-	-	-
				12/12/2023	DR	-	-	-
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-7 4"	3,770.20	46	86	03/24/2016	85.95	80.00	5.95	3,689.22
				06/20/2016	83.60	81.32	2.28	3,688.50
				09/28/2016	84.88	81.87	3.01	3,687.83
				12/13/2016	84.43	82.34	2.09	3,687.52
				03/16/2017	85.90	81.69	4.21	3,687.82
				06/05/2017	85.98	82.19	3.79	3,687.38
				09/19/2017	85.85	82.59	3.26	3,687.07
				12/13/2017	85.60	83.85	1.75	3,686.06
				03/23/2018	85.97	83.97	2.00	3,685.90
				06/14/2018	86.00	84.24	1.76	3,685.67
				09/24/2018	86.31	84.31	2.00	3,685.56
				12/17/2018	86.50	84.81	1.69	3,685.11
				03/21/2019	86.38	84.94	1.44	3,685.02
				06/24/2019	88.75	85.37	3.38	3,684.27
				09/16/2019	86.47	85.90	0.57	3,684.21
				12/12/2019	86.48	86.45	0.03	3,683.75
				03/16/2020	DR	-	-	-
				06/18/2020	DR	-	-	-
				09/17/2020	DR	-	-	-
				12/07/2020	DR	-	-	-
				03/08/2021	DR	-	-	-
				06/25/2021	DR	-	-	-
				09/10/2021	DR	-	-	-
				12/07/2021	DR	-	-	-
				03/08/2022	DR	-	-	-
				06/14/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	87.95	86.50	1.45	3,683.46
				03/14/2023	DR	-	-	-
				06/14/2023	DR	-	-	-
				09/14/2023	DR	-	-	-
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-8 4"	3,768.09	53	93	03/24/2016	84.18	78.08	6.10	3,689.00
				06/20/2016	84.61	78.60	6.01	3,688.50
				09/28/2016	85.33	79.29	6.04	3,687.80
				12/13/2016	85.01	79.76	5.25	3,687.46
				03/16/2017	86.40	79.75	6.65	3,687.24
				06/05/2017	85.05	80.46	4.59	3,686.87
				09/19/2017	87.65	80.40	7.25	3,686.49
				12/13/2017	83.53	81.84	1.69	3,685.97
				03/23/2018	86.07	81.63	4.44	3,685.73
				06/14/2018	82.30	82.22	0.08	3,685.86
				09/24/2018	89.11	82.20	6.91	3,684.75
				12/17/2018	89.06	82.71	6.35	3,684.33
				03/21/2019	87.34	83.18	4.16	3,684.22
				06/24/2019	89.57	83.32	6.25	3,683.74
				09/16/2019	84.95	84.72	0.23	3,683.33
				12/12/2019	85.70	85.35	0.35	3,682.68
				03/16/2020	85.80	85.55	0.25	3,682.50
				06/18/2020	86.55	85.84	0.71	3,682.13
				09/17/2020	86.70	86.42	0.28	3,681.62
				12/07/2020	86.84	86.83	0.01	3,681.26
				03/08/2021	87.31	87.22	0.09	3,680.86
				06/25/2021	88.24	87.56	0.68	3,680.42
				09/10/2021	88.85	87.93	0.92	3,680.01
				12/07/2021	DR	-	-	-
				03/08/2022	91.90	88.25	3.65	3,679.24
				06/14/2022	91.80	88.83	2.97	3,678.77
				09/06/2022	92.43	89.33	3.10	3,678.25
				12/14/2022	92.86	89.70	3.16	3,677.87
				03/14/2023	91.05	90.68	0.37	3,677.35
				06/14/2023	92.07	91.04	1.03	3,676.88
				09/14/2023	92.78	91.43	1.35	3,676.44
12/12/2023	93.26	91.91	1.35	3,675.96				
03/07/2024	93.57	92.25	1.32	3,675.62				
06/10/2024	93.65	92.52	1.13	3,675.38				
09/10/2024	93.65	92.80	0.85	3,675.15				
12/11/2024	93.65	93.16	0.49	3,674.85				
03/19/2025	93.65	93.64	0.01	3,674.45				
06/11/2025	DR	-	-	-				
09/12/2025	DR	-	-	-				
12/04/2025	DR	-	-	-				

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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 4"	3,767.64	50	90	03/24/2016	85.20	76.70	8.50	3,689.54
				06/20/2016	83.13	77.71	5.42	3,689.04
				09/28/2016	83.88	78.36	5.52	3,688.37
				12/13/2016	85.24	78.50	6.74	3,688.03
				03/16/2017	85.47	78.70	6.77	3,687.82
				06/05/2017	85.66	79.14	6.52	3,687.42
				09/19/2017	82.02	79.52	2.50	3,687.71
				12/13/2017	84.38	80.45	3.93	3,686.54
				03/23/2018	83.55	81.98	1.57	3,685.40
				06/14/2018	84.60	81.30	3.30	3,685.80
				09/24/2018	85.50	82.20	3.30	3,684.90
				03/21/2019	86.16	82.20	3.96	3,684.79
				06/24/2019	87.94	83.03	4.91	3,683.80
				09/16/2019	OB	-	-	-
				12/12/2019	OB	-	-	-
				03/16/2020	OB	-	-	-
				06/18/2020	OB	-	-	-
				09/17/2020	DR	-	-	-
				12/07/2020	DR	-	-	-
				03/08/2021	DR	-	-	-
				06/25/2021	DR	-	-	-
				09/10/2021	DR	-	-	-
				12/07/2021	DR	-	-	-
				03/08/2022	DR	-	-	-
				06/14/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
				03/14/2023	DR	-	-	-
				06/14/2023	DR	-	-	-
				09/14/2023	DR	-	-	-
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-9A 4"	3,768.95	93	113	03/19/2025	93.70	93.69	0.01	3,675.26
				06/11/2025	93.97	93.96	0.01	3,674.99
				09/12/2025	94.46	94.45	0.01	3,674.50
				12/04/2025	94.76	-	-	3,674.19

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-10 4"	3,767.51	50	90	03/24/2016	84.70	76.35	8.35	3,689.78
				06/20/2016	85.18	76.82	8.36	3,689.31
				09/28/2016	85.68	77.52	8.16	3,688.64
				12/13/2016	85.27	78.03	7.24	3,688.29
				03/16/2017	85.83	78.20	7.63	3,688.05
				06/05/2017	86.20	78.56	7.64	3,687.69
				09/19/2017	86.09	79.16	6.93	3,687.21
				12/13/2017	82.87	80.30	2.57	3,686.79
				03/23/2018	84.32	80.35	3.97	3,686.50
				06/14/2018	84.75	80.64	4.11	3,686.19
				09/24/2018	88.35	80.69	7.66	3,685.56
				12/17/2018	88.30	81.15	7.15	3,685.18
				03/21/2019	88.06	81.54	6.52	3,684.89
				06/24/2019	85.73	82.46	3.27	3,684.51
				09/16/2019	84.37	83.22	1.15	3,684.10
				12/12/2019	84.35	83.90	0.45	3,683.54
				03/16/2020	84.72	84.10	0.62	3,683.31
				06/18/2020	85.20	84.36	0.84	3,683.01
				09/17/2020	86.70	84.75	1.95	3,682.44
				12/07/2020	88.58	84.81	3.77	3,682.08
				03/08/2021	89.98	84.94	5.04	3,681.74
				06/25/2021	88.36	85.84	2.52	3,681.25
				09/10/2021	88.30	86.31	1.99	3,680.87
				12/07/2021	89.70	86.55	3.15	3,680.44
				03/08/2022	91.30	86.70	4.60	3,680.05
				06/14/2022	91.30	87.03	4.27	3,679.78
				09/06/2022	91.30	87.40	3.90	3,679.47
				12/14/2022	91.30	88.04	3.26	3,678.93
				03/14/2023	91.30	88.40	2.90	3,678.63
				06/14/2023	91.68	88.95	2.73	3,678.11
09/14/2023	91.30	89.98	1.32	3,677.31				
12/12/2023	91.66	90.64	1.02	3,676.70				
03/07/2024	91.76	90.55	1.21	3,676.76				
06/10/2024	91.41	91.40	0.01	3,676.11				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-11 4"	3,769.37	53	93	03/24/2016	85.00	78.40	6.60	3,689.88
				06/20/2016	85.60	78.85	6.75	3,689.41
				09/28/2016	86.19	79.57	6.62	3,688.71
				12/13/2016	86.35	79.96	6.39	3,688.36
				03/16/2017	86.83	80.14	6.69	3,688.13
				06/05/2017	86.95	80.55	6.40	3,687.76
				09/19/2017	87.39	81.04	6.35	3,687.28
				12/13/2017	83.65	82.26	1.39	3,686.88
				03/23/2018	85.06	82.34	2.72	3,686.58
				06/14/2018	85.87	82.75	3.12	3,686.11
				09/24/2018	83.22	83.21	0.01	3,686.16
				12/17/2018	86.60	83.68	2.92	3,685.21
				03/21/2019	85.15	84.22	0.93	3,685.00
				06/24/2019	86.03	84.43	1.60	3,684.68
				09/16/2019	86.90	84.85	2.05	3,684.18
				12/12/2019	87.48	85.42	2.06	3,683.61
				03/16/2020	87.50	85.60	1.90	3,683.46
				06/18/2020	86.55	86.20	0.35	3,683.11
				09/17/2020	87.30	86.70	0.60	3,682.57
				12/08/2020	87.37	87.21	0.16	3,682.13
				03/08/2021	87.65	87.51	0.14	3,681.84
				06/25/2021	88.07	87.97	0.10	3,681.38
				09/10/2021	89.06	88.26	0.80	3,680.98
				12/07/2021	90.45	88.55	1.90	3,680.51
				03/08/2022	88.91	88.90	0.01	3,680.47
				06/14/2022	90.60	89.17	1.43	3,679.96
				09/06/2022	90.60	89.48	1.12	3,679.71
				12/14/2022	90.60	89.86	0.74	3,679.39
				03/14/2023	90.60	90.26	0.34	3,679.05
				06/14/2023	DR	-	-	-
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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"	3,769.68	51	91	03/24/2016	86.60	78.84	7.76	3,689.56
				06/20/2016	87.30	79.35	7.95	3,689.02
				09/28/2016	87.31	80.24	7.07	3,688.27
				12/13/2016	88.31	80.40	7.91	3,687.97
				03/16/2017	88.90	80.57	8.33	3,687.74
				06/05/2017	88.86	81.01	7.85	3,687.37
				09/19/2017	89.31	81.50	7.81	3,686.89
				12/13/2017	83.85	83.01	0.84	3,686.53
				03/23/2018	84.67	83.17	1.50	3,686.26
				06/14/2018	86.35	83.38	2.97	3,685.81
				09/24/2018	84.06	84.05	0.01	3,685.63
				12/17/2018	85.06	85.05	0.01	3,684.63
				03/21/2019	86.58	84.46	2.12	3,684.87
				06/24/2019	87.37	85.00	2.37	3,684.29
				09/16/2019	89.65	85.10	4.55	3,683.83
				12/12/2019	87.30	86.28	1.02	3,683.23
				03/16/2020	88.50	86.20	2.30	3,683.10
				06/18/2020	90.70	86.30	4.40	3,682.65
				09/17/2020	90.00	87.00	3.00	3,682.18
				12/08/2020	89.71	87.56	2.15	3,681.77
				03/08/2021	89.79	88.15	1.64	3,681.26
				06/25/2021	89.64	88.46	1.18	3,681.03
				09/10/2021	89.95	88.90	1.05	3,680.61
				12/07/2021	91.65	89.10	2.55	3,680.16
				03/08/2022	91.30	89.20	2.10	3,680.13
				06/14/2022	90.95	90.20	0.75	3,679.36
				09/06/2022	91.30	90.17	1.13	3,679.32
				12/14/2022	91.30	90.47	0.83	3,679.07
				03/14/2023	90.94	90.93	0.01	3,678.75
				06/14/2023	91.68	91.41	0.27	3,678.23
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-13 4"	3,771.14	56	96	03/24/2016	82.85	82.20	0.65	3,688.83
				06/20/2016	82.78	82.77	0.01	3,688.37
				09/28/2016	83.51	-	-	3,687.63
				12/13/2016	83.83	-	-	3,687.31
				03/16/2017	84.05	-	-	3,687.09
				06/05/2017	84.42	-	-	3,686.72
				09/19/2017	84.88	-	-	3,686.26
				12/13/2017	85.23	-	-	3,685.91
				03/23/2018	85.50	-	-	3,685.64
				06/14/2018	85.98	-	-	3,685.16
				09/24/2018	86.50	86.49	0.01	3,684.65
				12/17/2018	86.92	86.91	0.01	3,684.23
				03/21/2019	87.31	-	-	3,683.83
				06/24/2019	87.51	-	-	3,683.63
				09/16/2019	88.03	87.98	0.05	3,683.15
				12/12/2019	DR	-	-	-
				03/16/2020	88.70	-	-	3,682.44
				06/18/2020	89.25	89.05	0.20	3,682.06
				09/17/2020	89.85	-	-	3,681.29
				12/08/2020	90.08	-	-	3,681.06
				03/08/2021	OB	-	-	-
				06/25/2021	OB	-	-	-
				09/10/2021	OB	-	-	-
				12/07/2021	OB	-	-	-
				03/08/2022	OB	-	-	-
				06/14/2022	OB	-	-	-
				09/06/2022	OB	-	-	-
				12/14/2022	OB	-	-	-
				03/14/2023	OB	-	-	-
				06/14/2023	DR	-	-	-
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-13A 4"	3,771.57	95	115	03/19/2025	97.21	-	-	3,674.36
				06/11/2025	97.47	-	-	3,674.10
				09/12/2025	97.87	-	-	3,673.70
				12/04/2025	99.32	-	-	3,672.25
MW-14 4"	3,771.62	55	95	03/24/2016	83.18	-	-	3,688.44
				06/20/2016	83.66	-	-	3,687.96
				09/28/2016	84.31	-	-	3,687.31
				12/13/2016	84.64	-	-	3,686.98
				03/16/2017	84.92	-	-	3,686.70
				06/05/2017	85.28	-	-	3,686.34
				09/19/2017	85.78	-	-	3,685.84
				12/13/2017	86.13	-	-	3,685.49
				03/23/2018	86.38	-	-	3,685.24
				06/14/2018	86.82	-	-	3,684.80
				09/24/2018	87.36	-	-	3,684.26
				12/17/2018	87.82	-	-	3,683.80
				03/21/2019	87.92	-	-	3,683.70
				06/24/2019	88.37	-	-	3,683.25
				09/11/2019	88.78	-	-	3,682.84
				12/12/2019	89.31	-	-	3,682.31
				03/16/2020	89.56	-	-	3,682.06
				06/17/2020	89.83	-	-	3,681.79
				09/15/2020	90.45	-	-	3,681.17
				12/07/2020	90.87	-	-	3,680.75
				03/08/2021	91.43	-	-	3,680.19
				06/23/2021	91.60	-	-	3,680.02
				09/10/2021	92.10	-	-	3,679.52
				12/07/2021	92.60	-	-	3,679.02
				03/08/2022	92.90	-	-	3,678.72
				06/13/2022	93.30	-	-	3,678.32
				09/06/2022	93.85	-	-	3,677.77
				12/14/2022	94.36	-	-	3,677.26
03/14/2023	DR	-	-	-				
06/14/2023	DR	-	-	-				
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-14A 2"	3,772.23	95	115	03/19/2025	98.23	-	-	3,674.00
				06/11/2025	98.49	-	-	3,673.74
				09/12/2025	98.90	-	-	3,673.33
				12/04/2025	99.30	-	-	3,672.93

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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"	3,771.49	53	93	03/24/2016	82.82	82.54	0.28	3,688.90
				06/20/2016	82.19	81.98	0.21	3,689.48
				09/28/2016	83.73	-	-	3,687.76
				12/13/2016	84.05	-	-	3,687.44
				03/16/2017	84.25	-	-	3,687.24
				06/05/2017	84.63	-	-	3,686.86
				09/19/2017	85.09	-	-	3,686.40
				12/13/2017	85.42	-	-	3,686.07
				03/23/2018	85.70	85.69	0.01	3,685.80
				06/14/2018	86.20	86.15	0.05	3,685.33
				09/24/2018	86.69	86.68	0.01	3,684.81
				12/17/2018	87.12	87.11	0.01	3,684.38
				03/21/2019	87.31	87.30	0.01	3,684.19
				06/24/2019	87.85	87.70	0.15	3,683.77
				09/16/2019	88.26	88.20	0.06	3,683.28
				12/12/2019	88.77	88.73	0.04	3,682.75
				03/16/2020	89.04	88.90	0.14	3,682.57
				06/18/2020	89.40	89.22	0.18	3,682.24
				09/17/2020	DR	-	-	-
				12/08/2020	DR	-	-	-
				03/08/2021	DR	-	-	-
				06/25/2021	DR	-	-	-
				09/10/2021	DR	-	-	-
				12/07/2021	DR	-	-	-
				03/08/2022	DR	-	-	-
				06/14/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
03/14/2023	DR	-	-	-				
06/14/2023	DR	-	-	-				
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-16 4"	3,769.23	55	95	03/24/2016	85.60	79.90	5.70	3,688.39
				06/20/2016	81.88	81.30	0.58	3,687.83
				09/28/2016	82.28	81.99	0.29	3,687.19
				12/13/2016	82.43	82.39	0.04	3,686.83
				03/16/2017	82.75	82.58	0.17	3,686.62
				06/05/2017	82.98	-	-	3,686.25
				09/19/2017	83.45	-	-	3,685.78
				12/13/2017	83.81	-	-	3,685.42
				03/23/2018	84.09	-	-	3,685.14
				06/14/2018	84.53	-	-	3,684.70
				09/24/2018	85.06	-	-	3,684.17
				12/17/2018	85.50	-	-	3,683.73
				03/21/2019	85.69	-	-	3,683.54
				06/24/2019	86.10	-	-	3,683.13
				09/11/2019	86.52	86.44	0.08	3,682.78
				12/12/2019	87.41	87.00	0.41	3,682.16
				03/16/2020	87.50	87.28	0.22	3,681.91
				06/18/2020	87.80	87.57	0.23	3,681.62
				09/15/2020	88.31	88.10	0.21	3,681.10
				12/07/2020	88.65	88.58	0.07	3,680.64
				03/08/2021	88.98	88.93	0.05	3,680.29
				06/23/2021	89.37	89.35	0.02	3,679.88
				09/10/2021	89.82	89.80	0.02	3,679.43
				12/07/2021	90.33	90.32	0.01	3,678.91
				03/08/2022	90.67	90.65	0.02	3,678.58
				06/14/2022	91.05	91.04	0.01	3,678.19
				09/06/2022	91.57	91.56	0.01	3,677.67
				12/14/2022	92.07	92.06	0.01	3,677.17
03/14/2023	92.46	92.45	0.01	3,676.78				
06/14/2023	93.00	92.95	0.05	3,676.27				
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-16A 2"	3,769.96	95	115	03/19/2025	96.13	-	-	3,673.83
				06/11/2025	96.37	-	-	3,673.59
				09/12/2025	96.45	-	-	3,673.51
				12/04/2025	97.16	-	-	3,672.80
MW-17 4"	3,767.45	48	88	03/24/2016	77.18	-	-	3,690.27
				06/20/2016	77.62	-	-	3,689.83
				09/28/2016	78.25	-	-	3,689.20
				12/13/2016	78.60	-	-	3,688.85
				03/16/2017	78.92	-	-	3,688.53
				06/05/2017	79.25	-	-	3,688.20
				09/19/2017	79.71	-	-	3,687.74
				12/13/2017	80.14	-	-	3,687.31
				03/23/2018	80.41	-	-	3,687.04
				06/14/2018	80.80	-	-	3,686.65
				09/24/2018	81.28	-	-	3,686.17
				12/17/2018	81.74	-	-	3,685.71
				03/21/2019	81.95	-	-	3,685.50
				06/24/2019	82.34	-	-	3,685.11
				09/11/2019	82.69	-	-	3,684.76
				12/12/2019	83.25	-	-	3,684.20
				03/16/2020	83.53	-	-	3,683.92
				06/17/2020	83.80	-	-	3,683.65
				09/14/2020	84.35	-	-	3,683.10
				12/07/2020	84.77	-	-	3,682.68
				03/08/2021	85.11	-	-	3,682.34
				06/25/2021	86.91	-	-	3,680.54
				09/10/2021	85.95	-	-	3,681.50
				12/03/2021	86.40	-	-	3,681.05
				03/08/2022	DR	-	-	-
				06/13/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
03/14/2023	DR	-	-	-				
06/14/2023	DR	-	-	-				
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-18 4"	3,769.79	48	88	03/24/2016	79.70	-	-	3,690.09
				06/20/2016	80.18	-	-	3,689.61
				09/28/2016	80.80	-	-	3,688.99
				12/13/2016	81.16	-	-	3,688.63
				03/16/2017	81.46	-	-	3,688.33
				06/05/2017	81.79	-	-	3,688.00
				09/19/2017	82.26	-	-	3,687.53
				12/13/2017	82.64	-	-	3,687.15
				03/23/2018	82.90	-	-	3,686.89
				06/14/2018	83.31	-	-	3,686.48
				09/24/2018	83.84	-	-	3,685.95
				12/17/2018	84.32	-	-	3,685.47
				03/21/2019	84.44	-	-	3,685.35
				06/24/2019	84.86	-	-	3,684.93
				09/11/2019	85.26	-	-	3,684.53
				12/12/2019	85.80	-	-	3,683.99
				03/16/2020	86.05	-	-	3,683.74
				06/17/2020	86.33	-	-	3,683.46
				09/14/2020	DR	-	-	-
				12/07/2020	DR	-	-	-
				03/08/2021	DR	-	-	-
				06/23/2021	DR	-	-	-
				09/10/2021	DR	-	-	-
				12/07/2021	DR	-	-	-
				03/08/2022	DR	-	-	-
				06/13/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
				03/14/2023	DR	-	-	-
				06/14/2023	DR	-	-	-
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-19 4"	3,773.35	48	88	03/24/2016	84.20	-	-	3,689.15
				06/20/2016	84.70	-	-	3,688.65
				09/28/2016	85.38	-	-	3,687.97
				12/13/2016	85.67	-	-	3,687.68
				03/16/2017	85.95	-	-	3,687.40
				06/05/2017	86.35	-	-	3,687.00
				09/19/2017	86.81	-	-	3,686.54
				12/13/2017	87.18	-	-	3,686.17
				03/23/2018	87.40	-	-	3,685.95
				06/14/2018	87.85	-	-	3,685.50
				09/24/2018	88.41	-	-	3,684.94
				12/17/2018	88.86	-	-	3,684.49
				03/21/2019	88.95	-	-	3,684.40
				06/24/2019	89.40	-	-	3,683.95
				09/11/2019	89.78	-	-	3,683.57
				12/12/2019	90.33	-	-	3,683.02
				03/16/2020	90.52	-	-	3,682.83
				06/17/2020	90.82	-	-	3,682.53
				09/15/2020	91.50	-	-	3,681.85
				12/07/2020	91.87	-	-	3,681.48
				03/08/2021	92.16	-	-	3,681.19
				06/23/2021	DR	-	-	-
				09/10/2021	DR	-	-	-
				12/03/2021	DR	-	-	-
				03/08/2022	DR	-	-	-
				06/13/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
				03/14/2023	DR	-	-	-
				06/14/2023	DR	-	-	-
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-19A 2"	3,774.07	95	115	03/19/2025	99.15	-	-	3,674.92
				06/11/2025	99.40	-	-	3,674.67
				09/12/2025	99.81	-	-	3,674.26
				12/04/2025	100.21	-	-	3,673.86
MW-20 4"	3,773.11	54	94	03/24/2016	84.47	-	-	3,688.64
				06/20/2016	84.96	-	-	3,688.15
				09/28/2016	85.64	-	-	3,687.47
				12/13/2016	85.92	-	-	3,687.19
				03/16/2017	86.20	-	-	3,686.91
				06/05/2017	86.60	-	-	3,686.51
				09/19/2017	87.09	-	-	3,686.02
				12/13/2017	87.43	-	-	3,685.68
				03/23/2018	87.69	-	-	3,685.42
				06/14/2018	88.11	-	-	3,685.00
				09/24/2018	88.68	-	-	3,684.43
				12/17/2018	89.14	-	-	3,683.97
				03/21/2019	89.22	-	-	3,683.89
				06/24/2019	89.67	-	-	3,683.44
				09/11/2019	90.07	-	-	3,683.04
				12/12/2019	90.63	-	-	3,682.48
				03/16/2020	90.86	-	-	3,682.25
				06/17/2020	91.10	-	-	3,682.01
				09/15/2020	91.75	-	-	3,681.36
				12/07/2020	92.16	-	-	3,680.95
				03/08/2021	92.43	-	-	3,680.68
				06/23/2021	DR	-	-	-
				09/10/2021	DR	-	-	-
				12/03/2021	DR	-	-	-
				03/08/2022	DR	-	-	-
				06/13/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
03/14/2023	DR	-	-	-				
06/14/2023	DR	-	-	-				
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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 4"	3,767.35	50	90	03/24/2016	76.76	-	-	3,690.59
				06/20/2016	77.22	-	-	3,690.13
				09/28/2016	77.85	-	-	3,689.50
				12/13/2016	78.21	-	-	3,689.14
				03/16/2017	78.55	-	-	3,688.80
				06/05/2017	78.86	-	-	3,688.49
				09/19/2017	79.31	-	-	3,688.04
				12/13/2017	79.73	-	-	3,687.62
				03/23/2018	80.02	-	-	3,687.33
				06/14/2018	80.41	-	-	3,686.94
				09/24/2018	80.89	-	-	3,686.46
				12/17/2018	81.41	-	-	3,685.94
				03/21/2019	81.56	-	-	3,685.79
				06/24/2019	81.95	-	-	3,685.40
				09/11/2019	82.32	-	-	3,685.03
				12/12/2019	82.86	-	-	3,684.49
				03/16/2020	83.16	-	-	3,684.19
				06/17/2020	83.40	-	-	3,683.95
				09/14/2020	83.93	-	-	3,683.42
				12/07/2020	84.35	-	-	3,683.00
				03/08/2021	84.70	-	-	3,682.65
				06/25/2021	85.16	-	-	3,682.19
				09/10/2021	85.55	-	-	3,681.80
				12/03/2021	85.95	-	-	3,681.40
				03/08/2022	86.36	-	-	3,680.99
06/13/2022	86.76	-	-	3,680.59				
09/06/2022	87.30	-	-	3,680.05				
12/14/2022	87.76	-	-	3,679.59				
03/14/2023	88.15	-	-	3,679.20				
06/14/2023	88.59	-	-	3,678.76				
09/14/2023	89.04	-	-	3,678.31				
12/12/2023	89.57	-	-	3,677.78				
03/07/2024	89.85	-	-	3,677.50				
06/10/2024	90.23	-	-	3,677.12				
09/10/2024	90.76	-	-	3,676.59				
12/11/2024	91.19	-	-	3,676.16				
01/21/2025	Plugged and Abandoned							
MW-22 4"	3,769.17	50	90	03/24/2016	78.61	-	-	3,690.56
				06/20/2016	79.06	-	-	3,690.11
				09/28/2016	79.67	-	-	3,689.50
				12/13/2016	80.02	-	-	3,689.15
				03/16/2017	80.32	-	-	3,688.85
				06/05/2017	80.67	-	-	3,688.50
				09/19/2017	81.15	-	-	3,688.02
				12/13/2017	81.54	-	-	3,687.63
				03/23/2018	81.80	-	-	3,687.37
				06/14/2018	82.22	-	-	3,686.95
				09/24/2018	82.71	-	-	3,686.46
				12/17/2018	83.15	-	-	3,686.02
				03/21/2019	83.35	-	-	3,685.82
				06/24/2019	83.74	-	-	3,685.43
				09/11/2019	84.14	-	-	3,685.03
				12/12/2019	84.68	-	-	3,684.49
				03/16/2020	84.96	-	-	3,684.21
				06/17/2020	85.21	-	-	3,683.96
				09/14/2020	85.75	-	-	3,683.42
				12/07/2020	86.17	-	-	3,683.00
				03/08/2021	86.51	-	-	3,682.66
				06/25/2021	86.96	-	-	3,682.21
				09/10/2021	87.35	-	-	3,681.82
				12/03/2021	87.80	-	-	3,681.37
				03/08/2022	88.15	-	-	3,681.02
06/13/2022	88.58	-	-	3,680.59				
09/06/2022	89.09	-	-	3,680.08				
12/14/2022	89.57	-	-	3,679.60				
03/14/2023	89.97	-	-	3,679.20				
06/14/2023	90.39	-	-	3,678.78				
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-23 4"	3,771.00	55	95	03/24/2016	80.75	-	-	3,690.25
				06/20/2016	81.22	-	-	3,689.78
				09/28/2016	81.87	-	-	3,689.13
				12/13/2016	82.20	-	-	3,688.80
				03/16/2017	82.51	-	-	3,688.49
				06/05/2017	82.87	-	-	3,688.13
				09/19/2017	83.32	-	-	3,687.68
				12/13/2017	83.71	-	-	3,687.29
				03/23/2018	83.97	-	-	3,687.03
				06/14/2018	84.20	-	-	3,686.80
				09/24/2018	84.92	-	-	3,686.08
				12/17/2018	85.35	-	-	3,685.65
				03/21/2019	85.52	-	-	3,685.48
				06/24/2019	85.93	-	-	3,685.07
				09/11/2019	86.33	-	-	3,684.67
				12/12/2019	88.88	-	-	3,682.12
				03/16/2020	87.12	-	-	3,683.88
				06/17/2020	87.33	-	-	3,683.67
				09/14/2020	87.93	-	-	3,683.07
				12/07/2020	88.38	-	-	3,682.62
				03/08/2021	88.68	-	-	3,682.32
				06/23/2021	89.10	-	-	3,681.90
				09/10/2021	89.56	-	-	3,681.44
				12/03/2021	DR	-	-	-
				03/08/2022	DR	-	-	-
				06/13/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
12/14/2022	DR	-	-	-				
03/14/2023	DR	-	-	-				
06/14/2023	DR	-	-	-				
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-24 4"	3,770.97	50	90	03/24/2016	85.10	80.91	4.19	3,689.37
				06/20/2016	85.76	81.40	4.36	3,688.85
				09/28/2016	86.29	82.16	4.13	3,688.13
				12/13/2016	85.82	82.64	3.18	3,687.81
				03/16/2017	87.70	82.56	5.14	3,687.56
				06/05/2017	86.75	83.20	3.55	3,687.18
				09/19/2017	89.00	83.35	5.65	3,686.69
				12/13/2017	85.27	84.60	0.67	3,686.26
				03/23/2018	86.07	84.71	1.36	3,686.04
				06/14/2018	88.20	84.95	3.25	3,685.48
				09/24/2018	88.42	86.24	2.18	3,684.37
				12/17/2018	89.69	85.65	4.04	3,684.65
				03/21/2019	89.41	85.93	3.48	3,684.47
				06/24/2019	89.62	86.38	3.24	3,684.06
				09/16/2019	87.43	86.95	0.48	3,683.94
				12/12/2019	89.90	87.53	2.37	3,683.05
				03/16/2020	88.15	88.13	0.02	3,682.84
				06/18/2020	88.57	88.45	0.12	3,682.50
				09/17/2020	89.10	89.01	0.09	3,681.95
				12/08/2020	89.52	89.49	0.03	3,681.48
				03/08/2021	89.79	89.78	0.01	3,681.19
				06/25/2021	90.24	90.21	0.03	3,680.76
				09/10/2021	90.69	90.64	0.05	3,680.32
				12/07/2021	91.11	91.10	0.01	3,679.87
				03/08/2022	91.65	91.40	0.25	3,679.53
				06/14/2022	91.90	91.89	0.01	3,679.08
				09/06/2022	92.40	92.39	0.01	3,678.58
12/14/2022	92.84	92.83	0.01	3,678.14				
03/14/2023	93.25	93.24	0.01	3,677.73				
06/14/2023	93.72	-	-	3,677.25				
09/14/2023	94.16	94.15	0.01	3,676.82				
12/12/2023	94.63	94.62	0.01	3,676.35				
03/07/2024	94.95	94.94	0.01	3,676.03				
06/10/2024	95.36	95.35	0.01	3,675.62				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-24A 4"	3771.27	93	113	03/19/2025	96.53	-	-	3,674.74
				06/11/2025	96.79	-	-	3,674.48
				09/12/2025	97.22	-	-	3,674.05
				12/04/2025	98.61	-	-	3,672.66
MW-25 4"	3,770.54	55	95	03/24/2016	84.76	80.38	4.38	3,689.44
				06/20/2016	85.03	80.90	4.13	3,688.96
				09/28/2016	85.90	81.61	4.29	3,688.22
				12/13/2016	NL	-	-	-
				03/16/2017	87.34	81.98	5.36	3,687.68
				06/05/2017	83.75	83.17	0.58	3,687.27
				09/19/2017	84.30	83.61	0.69	3,686.82
				12/13/2017	84.22	84.06	0.16	3,686.45
				03/23/2018	84.53	84.23	0.30	3,686.26
				06/14/2018	85.01	84.80	0.21	3,685.71
				09/24/2018	85.34	85.33	0.01	3,685.21
				12/17/2018	85.80	85.75	0.05	3,684.78
				03/21/2019	85.93	85.91	0.02	3,684.63
				06/24/2019	86.41	86.35	0.06	3,684.18
				09/16/2019	87.10	86.80	0.30	3,683.69
				12/12/2019	87.90	87.27	0.63	3,683.17
				03/16/2020	88.57	87.32	1.25	3,683.01
				06/18/2020	89.60	87.52	2.08	3,682.68
				09/17/2020	90.57	88.00	2.57	3,682.12
				12/08/2020	90.47	88.64	1.83	3,681.60
				03/08/2021	90.64	88.91	1.73	3,681.34
				06/25/2021	91.41	89.27	2.14	3,680.92
				09/10/2021	90.05	90.02	0.03	3,680.52
				12/07/2021	90.46	90.45	0.01	3,680.09
				03/08/2022	91.30	90.75	0.55	3,679.70
				06/14/2022	91.76	91.20	0.56	3,679.25
				09/06/2022	92.34	91.73	0.61	3,678.71
				12/14/2022	92.25	92.01	0.24	3,678.49
				03/14/2023	92.65	92.64	0.01	3,677.90
				06/14/2023	91.01	-	-	3,679.53
09/14/2023	93.56	93.55	0.01	3,676.99				
12/12/2023	94.02	94.01	0.01	3,676.53				
03/07/2024	94.33	94.32	0.01	3,676.22				
06/10/2024	94.75	94.74	0.01	3,675.80				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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"	3,772.89	55	95	03/24/2016	83.30	-	-	3,689.59
				06/20/2016	83.80	-	-	3,689.09
				09/28/2016	84.40	-	-	3,688.49
				12/13/2016	84.75	-	-	3,688.14
				03/16/2017	85.04	-	-	3,687.85
				06/05/2017	85.41	-	-	3,687.48
				09/19/2017	85.87	-	-	3,687.02
				12/13/2017	86.25	-	-	3,686.64
				03/23/2018	86.50	-	-	3,686.39
				06/14/2018	86.95	-	-	3,685.94
				09/24/2018	87.48	-	-	3,685.41
				12/17/2018	87.90	-	-	3,684.99
				03/21/2019	88.05	-	-	3,684.84
				06/24/2019	88.48	-	-	3,684.41
				09/11/2019	89.87	-	-	3,683.02
				12/12/2019	89.40	-	-	3,683.49
				03/16/2020	89.68	-	-	3,683.21
				06/17/2020	89.90	-	-	3,682.99
				09/14/2020	90.51	-	-	3,682.38
				12/07/2020	90.93	-	-	3,681.96
				03/08/2021	91.23	-	-	3,681.66
				06/23/2021	91.68	-	-	3,681.21
				09/10/2021	92.15	-	-	3,680.74
				12/03/2021	92.80	-	-	3,680.09
				03/08/2022	92.93	-	-	3,679.96
				06/13/2022	93.35	-	-	3,679.54
				09/06/2022	93.90	-	-	3,678.99
12/14/2022	94.38	-	-	3,678.51				
03/14/2023	94.74	-	-	3,678.15				
06/14/2023	95.21	-	-	3,677.68				
09/14/2023	95.65	-	-	3,677.24				
12/12/2023	96.14	-	-	3,676.75				
03/07/2024	96.44	-	-	3,676.45				
06/10/2024	96.84	-	-	3,676.05				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-27 4"	3,774.53	55	95	03/24/2016	86.82	-	-	3,687.71
				06/20/2016	86.85	-	-	3,687.68
				09/28/2016	87.52	-	-	3,687.01
				12/13/2016	87.80	-	-	3,686.73
				03/16/2017	88.08	-	-	3,686.45
				06/05/2017	88.49	-	-	3,686.04
				09/19/2017	88.95	-	-	3,685.58
				12/13/2017	89.31	-	-	3,685.22
				03/23/2018	89.55	-	-	3,684.98
				06/14/2018	90.01	-	-	3,684.52
				09/24/2018	90.58	-	-	3,683.95
				12/17/2018	90.98	-	-	3,683.55
				03/21/2019	91.09	-	-	3,683.44
				06/24/2019	91.56	-	-	3,682.97
				09/11/2019	92.00	-	-	3,682.53
				12/12/2019	92.52	-	-	3,682.01
				03/16/2020	92.75	-	-	3,681.78
				06/17/2020	93.00	-	-	3,681.53
				09/15/2020	93.65	-	-	3,680.88
				12/07/2020	94.07	-	-	3,680.46
				03/08/2021	94.33	-	-	3,680.20
				06/23/2021	94.83	-	-	3,679.70
				09/10/2021	95.30	-	-	3,679.23
				12/07/2021	95.80	-	-	3,678.73
				03/08/2022	96.10	-	-	3,678.43
				06/13/2022	96.51	-	-	3,678.02
				09/06/2022	97.07	-	-	3,677.46
12/14/2022	97.57	-	-	3,676.96				
03/14/2023	DR	-	-	-				
06/14/2023	DR	-	-	-				
09/14/2023	DR	-	-	-				
12/12/2023	98.04	-	-	3,676.49				
03/07/2024	98.02	-	-	3,676.51				
06/10/2024	98.02	-	-	3,676.51				
09/10/2024	98.04	-	-	3,676.49				
12/11/2024	98.03	-	-	3,676.50				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-27A 2"	3,775.17	95	115	03/19/2025	101.50	-	-	3,673.67
				06/11/2025	101.74	-	-	3,673.43
				09/12/2025	102.16	-	-	3,673.01
				12/04/2025	102.57	-	-	3,672.60
MW-28 4"	3,772.18	55	95	03/24/2016	84.20	-	-	3,687.98
				06/20/2016	84.70	-	-	3,687.48
				09/28/2016	85.35	-	-	3,686.83
				12/13/2016	85.68	-	-	3,686.50
				03/16/2017	85.93	-	-	3,686.25
				06/05/2017	86.32	-	-	3,685.86
				09/19/2017	86.79	-	-	3,685.39
				12/13/2017	87.18	-	-	3,685.00
				03/23/2018	87.42	-	-	3,684.76
				06/14/2018	87.90	-	-	3,684.28
				09/24/2018	88.41	-	-	3,683.77
				12/17/2018	88.89	-	-	3,683.29
				03/21/2019	88.99	-	-	3,683.19
				06/24/2019	89.42	-	-	3,682.76
				09/11/2019	89.84	-	-	3,682.34
				12/12/2019	90.39	-	-	3,681.79
				03/16/2020	90.64	-	-	3,681.54
				06/17/2020	90.91	-	-	3,681.27
				09/15/2020	91.50	-	-	3,680.68
				12/07/2020	91.96	-	-	3,680.22
				03/08/2021	91.22	-	-	3,680.96
				06/23/2021	92.68	-	-	3,679.50
				09/10/2021	DR	-	-	-
				12/07/2021	DR	-	-	-
				03/08/2022	DR	-	-	-
				06/13/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
03/14/2023	DR	-	-	-				
06/14/2023	DR	-	-	-				
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-29 4"	3,769.79	55	96	03/24/2016	81.91	-	-	3,687.88
				06/20/2016	82.40	-	-	3,687.39
				09/28/2016	83.05	-	-	3,686.74
				12/13/2016	83.37	-	-	3,686.42
				03/16/2017	83.65	-	-	3,686.14
				06/05/2017	84.01	-	-	3,685.78
				09/19/2017	84.50	-	-	3,685.29
				12/13/2017	84.88	-	-	3,684.91
				03/23/2018	85.15	-	-	3,684.64
				06/14/2018	85.57	-	-	3,684.22
				09/24/2018	86.50	-	-	3,683.29
				12/17/2018	86.55	-	-	3,683.24
				03/21/2019	86.71	-	-	3,683.08
				06/24/2019	87.13	-	-	3,682.66
				09/11/2019	87.56	-	-	3,682.23
				12/12/2019	88.08	-	-	3,681.71
				03/16/2020	88.35	-	-	3,681.44
				06/18/2020	88.65	-	-	3,681.14
				09/15/2020	89.20	-	-	3,680.59
				12/07/2020	89.64	-	-	3,680.15
				03/08/2021	OB	-	-	-
				06/23/2021	OB	-	-	-
				09/10/2021	OB	-	-	-
				09/30/2021	90.90	-	-	3,678.89
				12/07/2021	91.40	-	-	3,678.39
				03/08/2022	91.70	-	-	3,678.09
				06/13/2022	92.09	-	-	3,677.70
				09/06/2022	92.64	-	-	3,677.15
				12/14/2022	93.18	-	-	3,676.61
				03/14/2023	93.51	-	-	3,676.28
06/14/2023	93.99	-	-	3,675.80				
09/14/2023	94.45	-	-	3,675.34				
12/12/2023	94.96	-	-	3,674.83				
03/07/2024	95.24	-	-	3,674.55				
06/10/2024	95.66	-	-	3,674.13				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-30 4"	3,766.52	61	91	03/24/2016	81.80	75.78	6.02	3,689.75
				06/20/2016	81.56	75.42	6.14	3,690.09
				09/28/2016	80.55	77.37	3.18	3,688.63
				12/14/2016	80.22	77.88	2.34	3,688.25
				03/16/2017	80.35	78.18	2.17	3,687.98
				06/05/2017	80.32	78.58	1.74	3,687.65
				09/19/2017	80.04	79.22	0.82	3,687.16
				12/13/2017	80.29	79.60	0.69	3,686.81
				03/23/2018	81.09	79.80	1.29	3,686.51
				06/14/2018	83.30	79.87	3.43	3,686.08
				09/24/2018	83.50	80.32	3.18	3,685.68
				12/17/2018	84.84	80.68	4.16	3,685.15
				03/21/2019	83.84	81.18	2.66	3,684.90
				06/24/2019	OB	-	-	-
				09/11/2019	OB	-	-	-
				12/12/2019	84.90	82.50	2.40	3,683.62
				03/16/2020	85.60	82.73	2.87	3,683.32
				06/17/2020	86.26	82.90	3.36	3,683.07
				09/17/2020	86.80	83.42	3.38	3,682.54
				12/07/2020	87.23	83.86	3.37	3,682.10
				03/08/2021	86.72	84.43	2.29	3,681.71
				06/23/2021	85.40	85.17	0.23	3,681.31
				09/10/2021	86.04	85.56	0.48	3,680.88
				12/07/2021	86.65	85.95	0.70	3,680.45
				03/08/2022	86.33	86.32	0.01	3,680.20
				06/14/2022	87.49	86.76	0.73	3,679.64
				09/06/2022	87.64	87.21	0.43	3,679.24
				12/14/2022	87.64	87.61	0.03	3,678.91
				03/14/2023	DR	-	-	-
				06/14/2023	DR	-	-	-
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-31 4"	3,766.45	60	90	03/24/2016	83.58	75.68	7.90	3,689.47
				06/20/2016	83.72	75.81	7.91	3,689.33
				09/28/2016	84.04	76.96	7.08	3,688.32
				12/14/2016	83.10	77.56	5.54	3,687.98
				03/16/2017	85.10	77.45	7.65	3,687.74
				06/05/2017	85.15	77.84	7.31	3,687.40
				09/19/2017	85.90	78.39	7.51	3,686.82
				12/13/2017	84.11	79.10	5.01	3,686.52
				03/23/2018	81.83	79.93	1.90	3,686.21
				06/14/2018	80.00	79.70	0.30	3,686.70
				09/24/2018	85.17	80.35	4.82	3,685.30
				12/17/2018	84.80	80.80	4.00	3,684.99
				03/21/2019	85.44	81.12	4.32	3,684.62
				06/24/2019	85.95	81.58	4.37	3,684.15
				09/11/2019	84.80	82.06	2.74	3,683.94
				12/12/2019	85.43	82.75	2.68	3,683.26
				03/16/2020	85.55	83.00	2.55	3,683.03
				06/17/2020	85.76	83.35	2.41	3,682.70
				09/17/2020	86.00	83.90	2.10	3,682.20
				12/07/2020	86.01	84.23	1.78	3,681.93
				03/08/2021	86.13	84.66	1.47	3,681.55
				06/23/2021	85.57	85.45	0.12	3,680.98
				09/10/2021	86.05	85.90	0.15	3,680.53
				12/07/2021	86.50	85.95	0.55	3,680.41
				03/08/2022	DR	-	-	-
				06/14/2022	DR	-	-	-
				09/06/2022	DR	-	-	-
				12/14/2022	DR	-	-	-
				03/14/2023	DR	-	-	-
				06/14/2023	DR	-	-	-
09/14/2023	DR	-	-	-				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							
MW-31A 4"	3,768.30	93	113	03/19/2025	93.25	-	-	3,675.05
				06/11/2025	93.49	-	-	3,674.81
				09/12/2025	93.90	93.89	0.01	3,674.41
				12/04/2025	95.28	-	-	3,673.02

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-32 4"	3,766.75	60	90	03/24/2016	83.85	76.42	7.43	3,689.10
				06/20/2016	83.43	76.82	6.61	3,688.84
				09/28/2016	83.95	77.74	6.21	3,687.99
				12/14/2016	84.08	78.18	5.90	3,687.60
				03/16/2017	84.70	78.30	6.40	3,687.39
				06/05/2017	84.71	78.75	5.96	3,687.02
				09/19/2017	86.35	79.00	7.35	3,686.54
				12/13/2017	85.33	76.95	8.38	3,688.42
				03/23/2018	85.75	79.93	5.82	3,685.86
				06/14/2018	81.13	80.11	1.02	3,686.47
				09/24/2018	84.20	80.64	3.56	3,685.52
				12/17/2018	88.15	81.11	7.04	3,684.48
				03/21/2019	88.29	81.34	6.95	3,684.26
				06/24/2019	88.73	81.70	7.03	3,683.89
				09/11/2019	88.85	82.26	6.59	3,683.40
				12/12/2019	85.48	83.54	1.94	3,682.89
				03/16/2020	86.25	83.70	2.55	3,682.63
				06/17/2020	87.27	83.65	3.62	3,682.50
				09/17/2020	89.15	84.08	5.07	3,681.83
				12/07/2020	89.51	84.54	4.97	3,681.39
				03/08/2021	87.13	85.43	1.70	3,681.04
				06/23/2021	87.24	85.60	1.64	3,680.88
				09/10/2021	90.00	85.66	4.34	3,680.37
				12/07/2021	88.55	86.75	1.80	3,679.70
				03/08/2022	90.51	86.80	3.71	3,679.34
				06/14/2022	90.30	87.32	2.98	3,678.94
				09/06/2022	91.35	87.70	3.65	3,678.45
				12/14/2022	89.50	88.69	0.81	3,677.93
				03/14/2023	90.37	89.00	1.37	3,677.52
				06/14/2023	90.86	89.45	1.41	3,677.07
				09/14/2023	91.29	89.90	1.39	3,676.62
				12/12/2023	91.77	90.38	1.39	3,676.14
				03/07/2024	92.15	90.73	1.42	3,675.79
				06/10/2024	92.38	91.05	1.33	3,675.48
09/10/2024	92.02	91.19	0.83	3,675.42				
12/11/2024	92.02	91.50	0.52	3,675.16				
03/19/2025	DR	-	-	-				
06/11/2025	DR	-	-	-				
09/12/2025	DR	-	-	-				
12/04/2025	DR	-	-	-				
MW-33 4"	3,767.44	60	90	03/24/2016	NL	-	-	-
				06/20/2016	85.01	77.95	7.06	3,688.33
				09/28/2016	82.56	79.32	3.24	3,687.59
				12/14/2016	83.23	79.60	3.63	3,687.24
				03/16/2017	85.40	79.45	5.95	3,687.01
				06/05/2017	84.85	79.98	4.87	3,686.66
				09/19/2017	86.32	80.26	6.06	3,686.18
				12/13/2017	83.85	81.20	2.65	3,685.80
				03/23/2018	NL	-	-	-
				06/14/2018	NL	-	-	-
				09/24/2018	88.35	81.80	6.55	3,684.56
				12/17/2018	88.35	82.30	6.05	3,684.14
				03/21/2019	87.57	82.58	4.99	3,684.04
				06/24/2019	88.79	82.95	5.84	3,683.53
				09/11/2019	88.89	83.39	5.50	3,683.14
				12/12/2019	85.13	84.86	0.27	3,682.54
				03/16/2020	85.17	85.15	0.02	3,682.29
				06/17/2020	85.60	85.44	0.16	3,681.97
				09/17/2020	86.17	86.05	0.12	3,681.37
				12/07/2020	86.72	86.42	0.30	3,680.97
				03/08/2021	87.13	85.43	1.70	3,681.04
				06/23/2021	87.24	85.60	1.64	3,680.88
				09/10/2021	90.00	85.66	4.34	3,680.37
				12/07/2021	88.55	86.75	1.80	3,679.70
				03/08/2022	88.57	88.55	0.02	3,678.89
				06/14/2022	89.24	88.85	0.39	3,678.53
				09/06/2022	89.70	89.37	0.33	3,678.02
				12/14/2022	89.86	89.85	0.01	3,677.59
03/14/2023	90.72	90.25	0.47	3,677.11				
06/14/2023	91.05	90.72	0.33	3,676.67				
09/14/2023	91.52	91.17	0.35	3,676.21				
12/12/2023	91.98	91.64	0.34	3,675.74				
03/07/2024	92.35	91.98	0.37	3,675.40				
06/10/2024	92.73	92.39	0.34	3,674.99				
09/10/2024	93.29	92.94	0.35	3,674.44				
12/11/2024	93.41	93.36	0.05	3,674.07				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-33A 4"	3,768.01	93	113	03/19/2025	93.70	-	-	3,674.31
				06/11/2025	93.98	-	-	3,674.03
				09/12/2025	94.37	-	-	3,673.64
				12/04/2025	94.77	-	-	3,673.24
MW-34 4"	3,766.32	59.4	89.4	03/24/2016	76.85	-	-	3,689.47
				06/20/2016	77.30	-	-	3,689.02
				09/28/2016	77.90	-	-	3,688.42
				12/13/2016	78.28	-	-	3,688.04
				03/16/2017	78.60	-	-	3,687.72
				06/05/2017	79.90	-	-	3,686.42
				09/19/2017	79.36	-	-	3,686.96
				12/13/2017	79.76	-	-	3,686.56
				03/23/2018	83.10	-	-	3,683.22
				06/14/2018	80.45	-	-	3,685.87
				09/24/2018	80.90	-	-	3,685.42
				12/17/2018	81.40	-	-	3,684.92
				03/21/2019	81.67	-	-	3,684.65
				06/24/2019	81.99	-	-	3,684.33
				09/16/2019	82.50	-	-	3,683.82
				12/12/2019	82.92	-	-	3,683.40
				03/16/2020	83.22	-	-	3,683.10
				06/17/2020	83.51	-	-	3,682.81
				09/16/2020	84.05	-	-	3,682.27
				12/07/2020	84.47	-	-	3,681.85
				03/08/2021	84.83	-	-	3,681.49
				06/23/2021	85.26	-	-	3,681.06
				09/10/2021	85.66	-	-	3,680.66
				12/07/2021	86.10	-	-	3,680.22
				03/08/2022	86.53	-	-	3,679.79
				06/13/2022	86.90	-	-	3,679.42
				09/06/2022	87.35	-	-	3,678.97
				12/14/2022	87.94	-	-	3,678.38
				03/14/2023	88.31	-	-	3,678.01
				06/14/2023	88.73	-	-	3,677.59
09/14/2023	89.21	-	-	3,677.11				
12/12/2023	DR	-	-	-				
03/07/2024	DR	-	-	-				
06/10/2024	DR	-	-	-				
09/10/2024	DR	-	-	-				
12/11/2024	DR	-	-	-				
01/21/2025	Plugged and Abandoned							

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-35 4"	3,765.67	61.1	91.1	03/24/2016	76.71	-	-	3,688.96
				06/20/2016	77.18	-	-	3,688.49
				09/28/2016	77.79	-	-	3,687.88
				12/13/2016	78.18	-	-	3,687.49
				03/16/2017	78.48	-	-	3,687.19
				06/05/2017	78.80	-	-	3,686.87
				09/19/2017	79.25	-	-	3,686.42
				12/13/2017	79.66	-	-	3,686.01
				03/23/2018	79.96	-	-	3,685.71
				06/14/2018	80.35	-	-	3,685.32
				09/24/2018	80.84	-	-	3,684.83
				12/17/2018	81.35	-	-	3,684.32
				03/21/2019	81.57	-	-	3,684.10
				06/24/2019	81.90	-	-	3,683.77
				09/16/2019	82.35	-	-	3,683.32
				12/12/2019	82.85	-	-	3,682.82
				03/16/2020	83.13	-	-	3,682.54
				06/17/2020	83.44	-	-	3,682.23
				09/16/2020	83.95	-	-	3,681.72
				12/07/2020	84.38	-	-	3,681.29
				03/08/2021	84.72	-	-	3,680.95
				06/23/2021	85.15	-	-	3,680.52
				09/10/2021	85.58	-	-	3,680.09
				12/07/2021	86.00	-	-	3,679.67
				03/08/2022	86.45	-	-	3,679.22
				06/13/2022	86.83	-	-	3,678.84
				09/06/2022	87.30	-	-	3,678.37
12/14/2022	88.85	-	-	3,676.82				
03/14/2023	88.23	-	-	3,677.44				
06/14/2023	88.66	-	-	3,677.01				
09/14/2023	89.14	-	-	3,676.53				
12/12/2023	89.64	-	-	3,676.03				
03/07/2024	89.95	-	-	3,675.72				
06/10/2024	90.37	-	-	3,675.30				
09/10/2024	90.78	-	-	3,674.89				
12/11/2024	91.20	-	-	3,674.47				
01/21/2025				Plugged and Abandoned				
MW-36 4"	3,765.37	61.4	91.4	03/24/2016	76.91	-	-	3,688.46
				06/20/2016	77.35	-	-	3,688.02
				09/28/2016	78.00	-	-	3,687.37
				12/13/2016	78.37	-	-	3,687.00
				03/16/2017	78.67	-	-	3,686.70
				06/05/2017	79.01	-	-	3,686.36
				09/19/2017	79.46	-	-	3,685.91
				12/13/2017	79.87	-	-	3,685.50
				03/23/2018	80.16	-	-	3,685.21
				06/14/2018	80.56	-	-	3,684.81
				09/24/2018	81.05	-	-	3,684.32
				12/17/2018	81.56	-	-	3,683.81
				03/21/2019	81.79	-	-	3,683.58
				06/24/2019	82.14	-	-	3,683.23
				09/16/2019	82.55	-	-	3,682.82
				12/12/2019	83.06	-	-	3,682.31
				03/16/2020	83.32	-	-	3,682.05
				06/17/2020	83.65	-	-	3,681.72
				09/16/2020	84.17	-	-	3,681.20
				12/07/2020	84.61	-	-	3,680.76
				03/08/2021	84.93	-	-	3,680.44
				06/23/2021	85.39	-	-	3,679.98
				09/10/2021	85.81	-	-	3,679.56
				12/07/2021	86.30	-	-	3,679.07
				03/08/2022	86.67	-	-	3,678.70
				06/13/2022	87.06	-	-	3,678.31
				09/06/2022	87.58	-	-	3,677.79
12/14/2022	88.10	-	-	3,677.27				
03/14/2023	88.48	-	-	3,676.89				
06/14/2023	88.94	-	-	3,676.43				
09/14/2023	89.39	-	-	3,675.98				
12/12/2023	89.92	-	-	3,675.45				
03/07/2024	90.20	-	-	3,675.17				
06/10/2024	90.62	-	-	3,674.75				
09/10/2024	91.15	-	-	3,674.22				
12/11/2024	91.82	-	-	3,673.55				
01/21/2025				Plugged and Abandoned				

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-37 4"	3,772.66	73	103	03/24/2016	85.33	-	-	3,687.33
				06/20/2016	85.86	-	-	3,686.80
				09/28/2016	86.50	-	-	3,686.16
				12/13/2016	86.81	-	-	3,685.85
				03/16/2017	87.07	-	-	3,685.59
				06/05/2017	87.37	-	-	3,685.29
				09/19/2017	87.92	-	-	3,684.74
				12/13/2017	88.32	-	-	3,684.34
				03/23/2018	88.56	-	-	3,684.10
				06/14/2018	89.03	-	-	3,683.63
				09/24/2018	89.59	-	-	3,683.07
				12/17/2018	89.90	-	-	3,682.76
				03/21/2019	90.10	-	-	3,682.56
				06/24/2019	90.08	-	-	3,682.58
				09/11/2019	91.02	-	-	3,681.64
				12/12/2019	91.52	-	-	3,681.14
				03/16/2020	91.78	-	-	3,680.88
				06/17/2020	92.05	-	-	3,680.61
				09/15/2020	92.67	-	-	3,679.99
				12/07/2020	93.14	-	-	3,679.52
				03/08/2021	93.35	-	-	3,679.31
				06/23/2021	93.87	-	-	3,678.79
				09/10/2021	94.35	-	-	3,678.31
				12/07/2021	94.90	-	-	3,677.76
				03/08/2022	95.15	-	-	3,677.51
				06/13/2022	95.55	-	-	3,677.11
				09/06/2022	96.18	-	-	3,676.48
12/14/2022	96.70	-	-	3,675.96				
03/14/2023	97.00	-	-	3,675.66				
06/14/2023	97.49	-	-	3,675.17				
09/14/2023	97.96	-	-	3,674.70				
12/12/2023	98.46	-	-	3,674.20				
03/07/2024	98.74	-	-	3,673.92				
06/10/2024	99.15	-	-	3,673.51				
09/10/2024	99.71	-	-	3,672.95				
12/11/2024	100.17	-	-	3,672.49				
01/21/2025	Plugged and Abandoned							
MW-38 4"	3,769.96	73	103	03/24/2016	82.52	-	-	3,687.44
				06/20/2016	83.02	-	-	3,686.94
				09/28/2016	83.67	-	-	3,686.29
				12/13/2016	84.02	-	-	3,685.94
				03/16/2017	84.27	-	-	3,685.69
				06/05/2017	84.66	-	-	3,685.30
				09/19/2017	85.10	-	-	3,684.86
				12/13/2017	85.53	-	-	3,684.43
				03/23/2018	85.79	-	-	3,684.17
				06/14/2018	86.21	-	-	3,683.75
				09/24/2018	88.74	-	-	3,681.22
				12/17/2018	91.68	-	-	3,678.28
				03/21/2019	87.35	-	-	3,682.61
				06/24/2019	87.80	-	-	3,682.16
				09/11/2019	88.19	-	-	3,681.77
				12/12/2019	88.72	-	-	3,681.24
				03/16/2020	89.00	-	-	3,680.96
				06/18/2020	89.35	-	-	3,680.61
				09/15/2020	89.85	-	-	3,680.11
				12/07/2020	90.30	-	-	3,679.66
				03/08/2021	90.58	-	-	3,679.38
				06/23/2021	91.08	-	-	3,678.88
				09/10/2021	91.55	-	-	3,678.41
				12/07/2021	90.20	-	-	3,679.76
				03/08/2022	92.37	-	-	3,677.59
				06/13/2022	92.77	-	-	3,677.19
				09/06/2022	93.31	-	-	3,676.65
12/14/2022	93.88	-	-	3,676.08				
03/14/2023	94.22	-	-	3,675.74				
06/14/2023	94.70	-	-	3,675.26				
09/14/2023	95.15	-	-	3,674.81				
12/12/2023	95.68	-	-	3,674.28				
03/07/2024	95.96	-	-	3,674.00				
06/10/2024	96.39	-	-	3,673.57				
09/10/2024	96.92	-	-	3,673.04				
12/11/2024	97.39	-	-	3,672.57				
03/19/2025	97.72	-	-	3,672.24				
06/11/2025	97.98	-	-	3,671.98				
09/12/2025	98.38	-	-	3,671.58				
12/04/2025	99.81	-	-	3,670.15				

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-39 4"	3,768.99	85	105	09/24/2018	91.21	-	-	3,677.78
				12/17/2018	86.71	-	-	3,682.28
				03/21/2019	86.92	-	-	3,682.07
				06/24/2019	87.28	-	-	3,681.71
				09/17/2019	87.73	-	-	3,681.26
				12/12/2019	88.23	-	-	3,680.76
				03/16/2020	88.50	-	-	3,680.49
				06/18/2020	88.84	-	-	3,680.15
				09/16/2020	89.35	-	-	3,679.64
				12/07/2020	89.84	-	-	3,679.15
				03/08/2021	90.12	-	-	3,678.87
				06/23/2021	90.63	-	-	3,678.36
				09/10/2021	91.04	-	-	3,677.95
				12/07/2021	91.55	-	-	3,677.44
				03/08/2022	91.17	-	-	3,677.82
				06/13/2022	92.30	-	-	3,676.69
				09/06/2022	92.87	-	-	3,676.12
				12/14/2022	93.42	-	-	3,675.57
				03/14/2023	93.78	-	-	3,675.21
				06/14/2023	94.23	-	-	3,674.76
				09/14/2023	94.71	-	-	3,674.28
				12/12/2023	95.23	-	-	3,673.76
				03/07/2024	95.53	-	-	3,673.46
				06/10/2024	95.94	-	-	3,673.05
				09/10/2024	96.48	-	-	3,672.51
12/11/2024	96.95	-	-	3,672.04				
03/19/2025	97.31	-	-	3,671.68				
06/11/2025	97.57	-	-	3,671.42				
09/12/2025	97.94	-	-	3,671.05				
12/04/2025	98.36	-	-	3,670.63				
MW-40 4"	3,773.47	85	105	09/24/2018	86.21	-	-	3,687.26
				12/17/2018	86.71	-	-	3,686.76
				03/21/2019	91.77	-	-	3,681.70
				06/24/2019	92.25	-	-	3,681.22
				09/11/2019	92.66	-	-	3,680.81
				12/12/2019	93.17	-	-	3,680.30
				03/16/2020	93.34	-	-	3,680.13
				06/18/2020	93.75	-	-	3,679.72
				09/15/2020	94.30	-	-	3,679.17
				12/07/2020	94.78	-	-	3,678.69
				03/08/2021	98.98	-	-	3,674.49
				06/23/2021	95.51	-	-	3,677.96
				09/10/2021	96.03	-	-	3,677.44
				12/07/2021	96.55	-	-	3,676.92
				03/08/2022	96.90	-	-	3,676.57
				06/13/2022	97.23	-	-	3,676.24
				09/06/2022	97.83	-	-	3,675.64
				12/14/2022	98.36	-	-	3,675.11
				03/14/2023	98.68	-	-	3,674.79
				06/14/2023	99.17	-	-	3,674.30
				09/14/2023	99.63	-	-	3,673.84
				12/12/2023	100.17	-	-	3,673.30
				03/07/2024	100.43	-	-	3,673.04
				06/10/2024	100.85	-	-	3,672.62
				09/10/2024	101.41	-	-	3,672.06
12/11/2024	101.87	-	-	3,671.60				
03/19/2025	102.21	-	-	3,671.26				
06/11/2025	102.46	-	-	3,671.01				
09/12/2025	102.86	-	-	3,670.61				
12/04/2025	103.28	-	-	3,670.19				

Table 1 - Groundwater Gauging and NAPL Thickness - Historical
8" Moore to Jal #1
Lea County, NM
SRS #2002-10270

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-41 4"	3,766.15	85	105	09/24/2018	82.50	-	-	3,683.65
				12/17/2018	83.01	-	-	3,683.14
				03/21/2019	83.22	-	-	3,682.93
				06/24/2019	83.58	-	-	3,682.57
				09/16/2019	84.02	-	-	3,682.13
				12/12/2019	84.52	-	-	3,681.63
				03/16/2020	84.80	-	-	3,681.35
				06/17/2020	85.13	-	-	3,681.02
				09/16/2020	85.64	-	-	3,680.51
				12/07/2020	86.10	-	-	3,680.05
				03/08/2021	86.43	-	-	3,679.72
				06/23/2021	86.87	-	-	3,679.28
				09/10/2021	87.30	-	-	3,678.85
				12/07/2021	87.75	-	-	3,678.40
				03/08/2022	88.17	-	-	3,677.98
				06/13/2022	88.55	-	-	3,677.60
				09/06/2022	89.06	-	-	3,677.09
				12/14/2022	89.60	-	-	3,676.55
				03/14/2023	89.97	-	-	3,676.18
				06/14/2023	90.45	-	-	3,675.70
				09/14/2023	90.91	-	-	3,675.24
				12/12/2023	91.42	-	-	3,674.73
				03/07/2024	91.73	-	-	3,674.42
				06/10/2024	92.17	-	-	3,673.98
				09/10/2024	92.66	-	-	3,673.49
				12/11/2024	93.13	-	-	3,673.02
				03/19/2025	93.48	-	-	3,672.67
				06/11/2025	93.79	-	-	3,672.36
09/12/2025	94.13	-	-	3,672.02				
12/04/2025	94.55	-	-	3,671.60				

Notes:
 Specific Gravity: 0.835
 fmsl = feet above mean sea level
 DR = Well dry
 NG = Well not gauged
 OB = Obstruction in well

Table 2 - Groundwater Analytical Data (BTEX) - Historical
8" Moore to Jal #1
Lea County, NM
SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-
MW-3	12/12/2023	DR	DR	DR	DR	DR
	03/07/2024	DR	DR	DR	DR	DR
	06/10/2024	DR	DR	DR	DR	DR
	09/10/2024	DR	DR	DR	DR	DR
	01/21/2025	Plugged and Abandoned				
MW-3A	03/19/2025	0.00399	<0.00100	<0.00100	0.01336	0.0174
	06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	09/12/2025	0.655	<0.00100	0.00188	0.0441	0.701
	12/05/2025	2.40	<0.00100	0.00177	0.0864	2.49
MW-5	03/07/2024	OB	OB	OB	OB	OB
	06/10/2024	OB	OB	OB	OB	OB
	09/10/2024	OB	OB	OB	OB	OB
	12/11/2024	OB	OB	OB	OB	OB
	01/21/2025	Plugged and Abandoned				
MW-5A	03/19/2025	0.00489	0.00104	0.00143	0.0296	0.0370
	06/16/2025	<0.00100	<0.00100	0.00104	0.00107	0.00211
	09/12/2025	0.00149	<0.00100	<0.00100	<0.00100	0.00149
	12/05/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	03/07/2024	PSH	PSH	PSH	PSH	PSH
	06/10/2024	PSH	PSH	PSH	PSH	PSH
	09/10/2024	PSH	PSH	PSH	PSH	PSH
	12/11/2024	PSH	PSH	PSH	PSH	PSH
	03/19/2025	PSH	PSH	PSH	PSH	PSH
	06/16/2025	DR	DR	DR	DR	DR
	09/12/2025	DR	DR	DR	DR	DR
	12/05/2025	DR	DR	DR	DR	DR
MW-9	03/07/2024	DR	DR	DR	DR	DR
	06/10/2024	DR	DR	DR	DR	DR
	09/10/2024	DR	DR	DR	DR	DR
	12/11/2024	DR	DR	DR	DR	DR
MW-9A	01/21/2025	Plugged and Abandoned				
	03/19/2025	PSH	PSH	PSH	PSH	PSH
	06/16/2025	PSH	PSH	PSH	PSH	PSH
	09/12/2025	PSH	PSH	PSH	PSH	PSH
	12/04/2025	0.00282	<0.00100	0.0178	0.0468	0.0675
MW-13	09/21/2017	0.568	0.165	0.0860	0.154	0.973
	12/21/2017	0.397	0.0344 X	0.0201	0.0621	0.514
	03/28/2018	3.07	0.371	0.131	0.336	3.91
	06/14/2018	2.18	0.469	0.161	0.37	3.18
	03/27/2019	0.0392	0.0111	0.0309	0.0551	0.136
	06/27/2019	<0.000480	<0.000512	0.00660	0.00640	0.013
	03/19/2020	0.0404	<0.000512	0.002	0.0028	0.0452
	09/17/2020	4.15	0.00691	0.0347	0.0345	4.23
	12/09/2020	3.03	0.0649	0.157	0.2442	3.496
	03/08/2021	OB	OB	OB	OB	OB
	06/25/2021	OB	OB	OB	OB	OB
	09/10/2021	OB	OB	OB	OB	OB
	12/07/2021	OB	OB	OB	OB	OB
	03/08/2022	OB	OB	OB	OB	OB
	06/14/2022	OB	OB	OB	OB	OB
	09/06/2022	OB	OB	OB	OB	OB
	12/14/2022	OB	OB	OB	OB	OB
	03/14/2023	OB	OB	OB	OB	OB
	06/14/2023	DR	DR	DR	DR	DR
	09/14/2023	DR	DR	DR	DR	DR
	12/12/2023	DR	DR	DR	DR	DR
	03/07/2024	DR	DR	DR	DR	DR
	06/10/2024	DR	DR	DR	DR	DR
	09/10/2024	DR	DR	DR	DR	DR
	12/11/2024	DR	DR	DR	DR	DR
	01/21/2025	Plugged and Abandoned				
	MW-13A	03/19/2025	<0.00100	<0.00100	<0.00100	<0.00100
06/16/2025		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
09/12/2025		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
12/05/2025		0.0152	<0.00100	<0.00100	<0.00100	<0.00100

Table 2 - Groundwater Analytical Data (BTEX) - Historical
8" Moore to Jal #1
Lea County, NM
SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-
MW-14	03/28/2016	0.0120	0.00100	<0.00024	<0.00024	-
	06/22/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	09/28/2016	0.00150	<0.000621	<0.000763	0.00130	-
	12/13/2016	0.0411	<0.00100	<0.000657	<0.000642	-
	03/21/2017	0.0520	<0.000367	<0.000657	<0.000630	0.0520
	06/06/2017	0.671 D	0.00198 J	<0.000657	0.00300	0.676
	09/21/2017	0.0411	<0.00100	<0.000657	<0.000630	0.0411
	12/21/2017	0.00262	<0.000367	<0.000657	<0.000630	0.00262
	03/28/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	06/14/2018	0.00230	<0.000512	<0.000616	<0.000270	0.00230
	09/26/2018	0.0225	0.00100 J	<0.000657	<0.000630	0.0235
	12/18/2018	0.165	0.000900 J	<0.000616	<0.000270	0.166
	03/26/2019	0.0297	<0.000500	<0.000500	<0.000500	0.0297
	06/26/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/17/2019	<0.000408	0.00771	<0.000657	<0.000630	0.00771
	12/13/2019	0.00392	0.000520	<0.000657	<0.000630	0.00444
	03/19/2020	0.0123	<0.000512	<0.000616	0.000900 J	0.0132
	06/19/2020	0.0671	0.000540 J	<0.000657	0.000900 J	0.0685
	09/15/2020	0.0861	<0.000367	0.00182 J	<0.000630	0.0879
	12/08/2020	0.00635	0.000530 J	<0.002000	<0.0006300	0.006880
	03/09/2021	0.0363	<0.00200	0.00214	<0.00200	0.0384
	06/24/2021	0.000451 J	0.000782 J	<0.00200	<0.00400	0.00123 J
	09/14/2021	0.00239	<0.00200	0.000943 J	0.000773 J	0.00411
	12/08/2021	0.00103 J	0.000679 J	<0.00200	<0.00400	0.00171 J
	03/09/2022	0.00165 J	<0.000367	<0.000657	0.00322 J	0.00487
	06/15/2022	0.0160	<0.000367	<0.000657	0.0178	0.0338
	09/07/2022	3.65	<0.000367	0.206	0.193	4.05
	12/14/2022	NWP	NWP	NWP	NWP	NWP
	03/14/2023	DR	DR	DR	DR	DR
	06/14/2023	DR	DR	DR	DR	DR
	09/14/2023	DR	DR	DR	DR	DR
	12/12/2023	DR	DR	DR	DR	DR
03/07/2024	DR	DR	DR	DR	DR	
06/10/2024	DR	DR	DR	DR	DR	
09/10/2024	DR	DR	DR	DR	DR	
12/11/2024	DR	DR	DR	DR	DR	
01/21/2025	Plugged and Abandoned					
MW-14A	03/19/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	09/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/05/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	09/21/2017	0.296	0.064	0.0681	0.18	0.608
	12/21/2017	0.307	0.0848	0.0276	0.121	0.54
	03/28/2018	0.0684	0.0282	0.0091	0.03	0.136
	01/21/2025	Plugged and Abandoned				
MW-16	09/21/2017	13.1 D	0.061	0.143	0.185	13.5
	12/21/2017	3.66 D	0.0542	0.0532	0.103	3.87
	03/28/2018	6.44 D	0.0252	0.212	0.245	6.92
	06/14/2018	9.38	<0.0256	0.275	0.24	9.9
	09/26/2018	9.24 D	0.0161	0.207	0.187	9.65
	12/18/2018	4.35	<0.0102	0.114	0.082	4.55
	03/26/2019	9.85	<0.0100	0.35	0.259	10.5
	06/27/2019	3.54	<0.0256	0.165	0.19	3.9
01/21/2025	Plugged and Abandoned					
MW-16A	03/19/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	09/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/05/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100

Table 2 - Groundwater Analytical Data (BTEX) - Historical
 8" Moore to Jal #1
 Lea County, NM
 SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-	
MW-17	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	
	06/22/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	
	09/28/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	
	12/13/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	
	03/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	06/05/2017	0.00125 J	0.00118 J	<0.000657	<0.000642	0.00243	
	09/21/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	03/28/2018	0.00319	<0.000367	<0.000657	<0.000630	0.00319	
	06/14/2018	0.00150	<0.000512	<0.000616	<0.000270	0.00150	
	09/26/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	12/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
	03/26/2019	0.000780	<0.000500	<0.000500	<0.000500	0.000780	
	06/24/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
	09/17/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	12/13/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	03/17/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
	06/18/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	09/14/2020	0.00360	<0.000367	0.00166 J	<0.000630	0.00526	
	12/08/2020	<0.002000	<0.002000	<0.002000	<0.0006300	<0.0003670	
03/29/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200		
01/21/2025	Plugged and Abandoned						
MW-18	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	
	06/22/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	
	09/28/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	
	12/13/2016	<0.000408	<0.00100	<0.000657	0.00240	-	
	03/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	06/05/2017	0.00113 J	0.00134 J	<0.000657	<0.000642	0.00247	
	09/21/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	03/28/2018	0.00106 J	<0.000367	<0.000657	<0.000630	0.00106 J	
	06/14/2018	0.000600 J	<0.000512	<0.000616	<0.000270	0.000600 J	
	09/26/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	12/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
	03/27/2019	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	
	09/17/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	01/21/2025	Plugged and Abandoned					
	MW-19	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-
		06/22/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
		09/28/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
		12/13/2016	<0.000408	<0.00100	<0.000657	<0.000642	-
		03/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
06/05/2017		0.00128 J	0.00153 J	<0.000657	<0.000642	0.00281	
09/21/2017		0.00178 J	<0.00100	0.000830 J	0.000660 J	0.00327	
12/21/2017		<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
03/28/2018		<0.000408	0.000700 J	<0.000657	<0.000630	0.000700 J	
06/14/2018		<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
09/26/2018		<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
12/18/2018		<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
03/26/2019		<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	
06/25/2019		<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
09/17/2019		<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
12/13/2019		<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
03/19/2020		0.0109	<0.000512	<0.000616	0.000600 J	0.0115	
06/19/2020		<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
06/23/2021		DR	DR	DR	DR	DR	
09/10/2021		DR	DR	DR	DR	DR	
12/03/2021		DR	DR	DR	DR	DR	
03/08/2022		DR	DR	DR	DR	DR	
06/13/2022		DR	DR	DR	DR	DR	
09/06/2022		DR	DR	DR	DR	DR	
12/14/2022		DR	DR	DR	DR	DR	
03/14/2023		DR	DR	DR	DR	DR	
06/14/2023		DR	DR	DR	DR	DR	
09/14/2023		DR	DR	DR	DR	DR	
12/12/2023		DR	DR	DR	DR	DR	
03/07/2024		DR	DR	DR	DR	DR	
06/10/2024		DR	DR	DR	DR	DR	
09/10/2024		DR	DR	DR	DR	DR	
12/11/2024		DR	DR	DR	DR	DR	
01/21/2025		Plugged and Abandoned					

Table 2 - Groundwater Analytical Data (BTEX) - Historical
8" Moore to Jal #1
Lea County, NM
SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-	
MW-19A	03/19/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
	06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
	09/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
	12/05/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
MW-20	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	
	06/22/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	
	09/28/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	
	12/13/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	
	03/21/2017	0.00260	<0.000367	<0.000657	<0.000630	0.00260	
	06/06/2017	0.00180 J	0.00189 J	<0.000657	<0.000642	0.00369	
	09/21/2017	0.00286	<0.00100	0.00123 J	<0.000630	0.00409	
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	03/28/2018	<0.000408	0.000690 J	<0.000657	<0.000630	0.000690 J	
	06/14/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
	09/26/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	12/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
	03/26/2019	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	
	06/25/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
	09/17/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	12/13/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	03/19/2020	0.00220	<0.000512	<0.000616	<0.000270	0.00220	
	06/19/2020	0.000920 J	<0.000367	<0.000657	<0.000630	0.000920 J	
	01/21/2025	Plugged and Abandoned					
	MW-21	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-
06/22/2016		<0.000504	<0.000621	<0.000763	<0.000256	-	
09/28/2016		<0.000504	<0.000621	<0.000763	<0.000256	-	
12/13/2016		<0.000408	<0.00100	<0.000657	0.00214	-	
03/21/2017		<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
06/05/2017		<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	
09/21/2017		<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	
12/21/2017		<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
03/28/2018		0.00266	<0.000367	<0.000657	<0.000630	0.00266	
06/14/2018		<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
09/26/2018		0.00373	0.00294	<0.000657	<0.000630	0.00667	
12/18/2018		0.00680	0.00280	<0.000616	0.00210	0.0117	
03/25/2019		<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	
06/27/2019		<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
09/17/2019		<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
12/13/2019		<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
03/17/2020		<0.000480	<0.000512	<0.000616	0.000500 J	0.000500 J	
06/18/2020		<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
09/14/2020		0.00117 J	<0.000367	<0.000657	<0.000630	0.00117 J	
12/08/2020		<0.002000	<0.002000	<0.002000	<0.0006300	<0.0003670	
03/09/2021		0.00887	<0.00200	<0.00200	<0.00200	0.00887	
06/25/2021		<0.00200	0.000621 J	<0.00200	<0.00400	<0.00400	
09/14/2021		<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	
12/08/2021		<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	
03/09/2022		<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	
06/15/2022		<0.000408	0.000496 J	<0.000657	<0.000642	<0.000657	
09/08/2022		<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	
12/15/2022		<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	
03/16/2023		<0.000408	0.00110 J	<0.000657	<0.000642	0.00110 J	
06/16/2023		<0.00100	<0.00100	<0.00100	<0.00300	-	
09/15/2023		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
12/13/2023		<0.00100	<0.00100	<0.00100	<0.000500	<0.000500	
03/07/2024		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
06/10/2024		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
09/10/2024		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
01/21/2025		Plugged and Abandoned					

Table 2 - Groundwater Analytical Data (BTEX) - Historical
 8" Moore to Jal #1
 Lea County, NM
 SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-
MW-22	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-
	06/22/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	09/28/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	12/13/2016	<0.000408	<0.00100	<0.000657	<0.000642	-
	03/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	06/05/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408
	09/21/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	03/28/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	06/14/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/26/2018	<0.000408	0.254	<0.000657	<0.000630	0.254
	12/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	03/25/2019	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
	06/27/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/17/2019	<0.000480 K	<0.000512 K	<0.000616 K	<0.000270 K	<0.000270 K
	12/13/2019	0.00125	<0.000367	<0.000657	<0.000630	0.00125
	03/17/2020	<0.000480	<0.000512	<0.000616	0.000500 J	0.000500 J
	06/18/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	09/14/2020	0.00166 J	<0.000367	<0.000657	<0.000630	0.001660 J
	12/08/2020	<0.002000	<0.002000	<0.002000	<0.0006300	<0.0003670
	03/09/2021	0.00424	<0.00200	<0.00200	<0.00200	0.00424
	06/25/2021	<0.00200	0.000591 J	<0.00200	<0.00400	<0.00400
	09/14/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	12/08/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/15/2022	<0.000408	0.000417 J	<0.000657	<0.000642	<0.000657
	09/07/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
12/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	
03/16/2023	<0.000408	0.000812 J	<0.000657	<0.000642	0.000812 J	
06/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	-	
01/21/2025	Plugged and Abandoned					
MW-23	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-
	06/22/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	09/28/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	12/13/2016	<0.000408	<0.00100	<0.000657	<0.000642	-
	03/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	06/05/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408
	09/21/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	03/28/2018	0.00410	0.000710 J	<0.000657	<0.000630	0.00481
	06/14/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/26/2018	<0.000408	0.0345	<0.000657	<0.000630	0.0345
	12/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	03/25/2019	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
	06/26/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/17/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	12/13/2019	0.00170	<0.000367	<0.000657	<0.00063	0.00170
	03/17/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	06/19/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	09/14/2020	0.00177 J	<0.000367	0.000740 J	<0.000630	0.00251
	12/08/2020	<0.002000	<0.002000	<0.002000	<0.0006300	<0.0003670
03/29/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	
06/24/2021	0.000415 J	0.000771 J	<0.00200	<0.00400	0.00119 J	
01/21/2025	Plugged and Abandoned					

Table 2 - Groundwater Analytical Data (BTEX) - Historical
8" Moore to Jal #1
Lea County, NM
SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-
MW-24	06/16/2023	<0.00100	<0.00100	<0.00100	<0.00300	-
	09/14/2023	PSH	PSH	PSH	PSH	PSH
	12/12/2023	PSH	PSH	PSH	PSH	PSH
	03/07/2024	PSH	PSH	PSH	PSH	PSH
	06/10/2024	PSH	PSH	PSH	PSH	PSH
	09/10/2024	DR	DR	DR	DR	DR
	12/11/2024	DR	DR	DR	DR	DR
	01/21/2025	Plugged and Abandoned				
MW-24A	03/19/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	09/12/2025	0.0151	0.00354	<0.00100	<0.00100	0.0187
	12/05/2025	0.0794	0.00995	<0.00100	<0.00100	0.0893
MW-26	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-
	06/22/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	09/28/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	12/13/2016	<0.000408	<0.00100	<0.000657	<0.000642	-
	03/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	06/05/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408
	09/21/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	03/28/2018	<0.000408	0.000630 J	<0.000657	<0.000630	0.000630 J
	06/14/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/26/2018	<0.000408	0.0172	<0.000657	<0.000630	0.0172
	12/18/2018	0.00320	<0.000512	<0.000616	<0.000270	0.00320
	03/25/2019	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
	06/26/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/17/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	12/13/2019	0.000430	<0.000367	<0.000657	<0.000630	0.000430
	03/17/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	06/19/2020	0.000410 J	<0.000367	<0.000657	<0.000630	0.000410 J
	09/14/2020	0.000860 J	<0.000367	<0.000657	<0.000630	0.000860 J
	12/08/2020	<0.002000	<0.002000	<0.002000	<0.0006300	<0.0003670
	03/09/2021	0.00306	<0.00200	<0.00200	<0.00200	0.00306
	06/24/2021	<0.00200	0.000801 J	<0.00200	<0.00400	0.000801 J
	09/14/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	12/08/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	09/08/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	12/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	03/16/2023	<0.000408	<0.000367	<0.000657 *1	<0.000642 *1	<0.000657
	06/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	-
	09/15/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/13/2023	<0.00100	<0.00100	<0.00100	<0.000500	<0.000500
	03/07/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	01/21/2025	Plugged and Abandoned				

Table 2 - Groundwater Analytical Data (BTEX) - Historical
8" Moore to Jal #1
Lea County, NM
SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-
MW-27	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-
	06/22/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	09/28/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	12/13/2016	<0.000408	<0.00100	<0.000657	<0.000642	-
	03/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	06/05/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408
	09/21/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	03/28/2018	0.000560 J	<0.000367	<0.000657	<0.000630	0.000560 J
	06/14/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/26/2018	<0.000408	0.0128	<0.000657	<0.000630	0.0128
	12/18/2018	0.00240	<0.000512	<0.000616	<0.000270	0.00240
	03/26/2019	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
	06/26/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/17/2019	<0.000408	0.00713	<0.000657	<0.000630	0.00713
	12/13/2019	0.0375	<0.000367	0.000850	0.00225	0.0406
	03/19/2020	0.00650	<0.000512	<0.000616	0.000600 J	0.00710
	06/22/2020	0.00119 J	<0.000367	<0.000657	<0.000630	0.00119 J
	09/15/2020	0.00172 J	<0.000367	<0.000657	<0.000630	0.00172 J
	12/09/2020	0.00670	<0.002000	<0.002000	<0.0006300	0.006700
	03/09/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	06/24/2021	<0.00200	0.000678 J	<0.00200	<0.00400	0.000678 J
	09/14/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	12/08/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	09/07/2022	0.000447 J	<0.000367	<0.000657	<0.000642	<0.000657
	03/14/2023	DR	DR	DR	DR	DR
	06/14/2023	DR	DR	DR	DR	DR
	09/14/2023	DR	DR	DR	DR	DR
12/12/2023	NWP	NWP	NWP	NWP	NWP	
03/07/2024	NWP	NWP	NWP	NWP	NWP	
06/10/2024	NWP	NWP	NWP	NWP	NWP	
09/10/2024	NWP	NWP	NWP	NWP	NWP	
12/11/2024	NWP	NWP	NWP	NWP	NWP	
01/21/2025	Plugged and Abandoned					
MW-27A	03/19/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	09/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/05/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100

Table 2 - Groundwater Analytical Data (BTEX) - Historical
8" Moore to Jal #1
Lea County, NM
SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-
MW-28	03/28/2016	0.120	<0.00024	<0.00024	<0.00024	-
	06/22/2016	0.0468	<0.000621	<0.000763	<0.000256	-
	09/28/2016	0.00240	<0.000621	<0.000763	<0.000256	-
	12/13/2016	<0.000408	<0.00100	<0.000657	<0.000642	-
	03/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	06/06/2017	0.00985	0.00126 J	<0.000657	0.00149 J	0.0126
	09/21/2017	0.0167	<0.00100	<0.000657	<0.000630	0.0167
	12/21/2017	0.0686	0.000410 J	<0.000657	<0.000630	0.0690
	03/28/2018	0.0118	0.000800 J	<0.000657	<0.000630	0.0126
	06/14/2018	0.00260	<0.000512	<0.000616	<0.000270	0.00260
	09/26/2018	<0.000408	0.00642	<0.000657	<0.000630	0.00642
	12/18/2018	0.00310	<0.000512	<0.000616	<0.000270	0.00310
	03/26/2019	0.00464	<0.000500	<0.000500	<0.000500	0.00464
	06/26/2019	0.00320	<0.000512	<0.000616	<0.000270	0.00320
	09/16/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	12/13/2019	0.0163	<0.000367	<0.000657	<0.000630	0.0163
	03/18/2020	0.0567	<0.000512	0.00130	0.00200	0.0600
	06/19/2020	0.00312	<0.000367	<0.000657	<0.000630	0.00312
	09/15/2020	0.00365	<0.000367	<0.000657	<0.000630	0.00365
	12/08/2020	<0.002000	0.000670 J	<0.002000	<0.0006300	0.0006700 J
03/29/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	
01/21/2025	Plugged and Abandoned					
MW-29	03/28/2016	20.0	<0.0119	<0.0119	<0.0122	-
	06/22/2016	6.81	<0.0310	<0.0382	<0.0128	-
	09/28/2016	4.77	<0.0658	<0.0809	<0.0271	-
	12/13/2016	6.92	<0.0200	<0.0131	0.0530	-
	03/21/2017	0.245	<0.000367	<0.000657	<0.000630	0.245
	06/06/2017	37.9	<0.100	<0.0657	<0.0642	37.9
	09/21/2017	17.2 D	<0.00100	0.00775	0.000890 J	17.2
	12/21/2017	9.54 D	<0.000367	0.00418	0.000660 J	9.54
	03/28/2018	4.20	<0.00734	<0.0131	<0.0126	4.20
	06/14/2018	7.62	<0.0256	<0.0308	<0.0135	7.62
	10/04/2018	1.49 D	<0.000367	<0.000657	0.00781	1.50
	12/18/2018	0.0398	<0.000512	0.000800 J	<0.000270	0.0406
	03/26/2019	0.000570	<0.000500	<0.000500	<0.000500	0.000570
	06/26/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/16/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	12/13/2019	<0.000408	0.000400	<0.000657	<0.000630	0.000400
	03/19/2020	0.0121	<0.000512	<0.000616	0.000800 J	0.012900
	06/22/2020	0.0527	<0.000367	0.00181 J	0.00138 J	0.0559
	09/15/2020	0.175	<0.000367	0.00501	0.00417	0.184
	12/09/2020	<0.002000	<0.002000	<0.002000	<0.0006300	<0.0003670
	09/30/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200
	12/08/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	09/08/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	12/16/2022	0.000521 J	<0.000367	<0.000657	<0.000642	<0.000657
	03/16/2023	0.000454 J	<0.000367	<0.000657 *1	<0.000642 *1	<0.000657
	06/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	-
	09/15/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/13/2023	<0.00100	<0.00100	<0.00100	<0.000500	<0.000500
03/07/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
01/21/2025	Plugged and Abandoned					
MW-30	03/14/2023	DR	DR	DR	DR	DR
	06/14/2023	DR	DR	DR	DR	DR
	09/14/2023	DR	DR	DR	DR	DR
	12/12/2023	DR	DR	DR	DR	DR
	03/07/2024	DR	DR	DR	DR	DR
	06/10/2024	DR	DR	DR	DR	DR
	09/10/2024	DR	DR	DR	DR	DR
	12/11/2024	DR	DR	DR	DR	DR
01/21/2025	Plugged and Abandoned					
MW-31	03/14/2023	DR	DR	DR	DR	DR
	06/14/2023	DR	DR	DR	DR	DR
	09/14/2023	DR	DR	DR	DR	DR
	12/12/2023	DR	DR	DR	DR	DR
	03/07/2024	DR	DR	DR	DR	DR
	06/10/2024	DR	DR	DR	DR	DR
	09/10/2024	DR	DR	DR	DR	DR
	12/11/2024	DR	DR	DR	DR	DR
01/21/2025	Plugged and Abandoned					

Table 2 - Groundwater Analytical Data (BTEX) - Historical
8" Moore to Jal #1
Lea County, NM
SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-	
MW-31A	03/19/2025	0.00402	<0.00100	<0.00100	0.00528	0.0093	
	06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
	09/12/2025	PSH	PSH	PSH	PSH	PSH	
	12/04/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
MW-32	03/19/2025	DR	DR	DR	DR	DR	
	06/16/2025	DR	DR	DR	DR	DR	
	09/12/2025	DR	DR	DR	DR	DR	
	12/04/2025	DR	DR	DR	DR	DR	
MW-33	03/07/2024	PSH	PSH	PSH	PSH	PSH	
	06/10/2024	PSH	PSH	PSH	PSH	PSH	
	09/10/2024	PSH	PSH	PSH	PSH	PSH	
	12/11/2024	PSH	PSH	PSH	PSH	PSH	
	01/21/2025	Plugged and Abandoned					
MW-33A	03/19/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
	06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
	09/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
	12/05/2025	0.00477	<0.00100	<0.00100	<0.00100	0.00477	
MW-34	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	
	06/21/2016	0.00400	0.00160	<0.000763	<0.000256	-	
	09/28/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	
	12/13/2016	<0.000408	<0.00100	0.00239	<0.000642	-	
	03/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	06/05/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	
	09/21/2017	0.00163 J	<0.00100	0.000770 J	0.000680 J	0.00308	
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	03/28/2018	0.000790 J	<0.000367	<0.000657	<0.000630	0.000790 J	
	06/14/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
	09/26/2018	0.00204	0.00392	<0.000657	<0.000630	0.00596	
	12/18/2018	0.000900 J	<0.000512	<0.000616	<0.000270	0.000900 J	
	03/27/2019	0.00302	0.00302	<0.000500	<0.000500	0.00604	
	06/27/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	
	09/18/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	12/15/2019	0.00390	<0.000367	<0.000657	<0.000630	0.00390	
	03/20/2020	0.00470	<0.000512	<0.000616	<0.000270	0.00470	
	06/22/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	
	09/16/2020	0.0341	<0.000367	0.00155 J	<0.000630	0.0357	
	12/07/2020	<0.002000	<0.002000	<0.002000	<0.0006300	<0.0003670	
	03/08/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	
	06/23/2021	<0.00200	0.00112 J	<0.00200	<0.00400	0.00112 J	
	09/13/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	
	12/07/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	
	06/16/2022	<0.000408	0.000379 J	<0.000657	<0.000642	<0.000657	
	09/07/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	
	12/16/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	
	03/15/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	
	06/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	-	
	01/21/2025	Plugged and Abandoned					

Table 2 - Groundwater Analytical Data (BTEX) - Historical
8" Moore to Jal #1
Lea County, NM
SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-
MW-35	03/28/2016	0.00920	0.00510	0.00290	0.00270	-
	06/21/2016	0.000600 J	<0.000621	<0.000763	<0.000256	-
	09/28/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	12/13/2016	<0.000408	<0.00100	<0.000657	0.00427	-
	03/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	06/05/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408
	09/21/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408
	12/21/2017	0.000740 J	<0.000367	<0.000657	<0.000630	0.000740 J
	03/28/2018	0.00175 J	<0.000367	<0.000657	<0.000630	0.00175 J
	06/14/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/26/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	12/18/2018	0.000700 J	<0.000512	<0.000616	<0.000270	0.000700 J
	03/28/2019	0.000960	0.000680	<0.000500	<0.000500	0.00164
	06/27/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/18/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	12/15/2019	0.00205	<0.000367	<0.000657	<0.000630	0.00205
	03/20/2020	0.00330	<0.000512	<0.000616	<0.000270	0.00330
	06/22/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	09/16/2020	0.0168	<0.000367	0.00189 J	<0.000630	0.0187
	12/07/2020	0.000930 J	<0.002000	<0.002000	<0.0006300	0.0009300 J
	03/08/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	06/23/2021	0.000536 J	0.00169 J	<0.00200	<0.00400	0.00223 J
	09/13/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	12/07/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/16/2022	<0.000408	0.000500 J	<0.000657	<0.000642	<0.000657
	09/07/2022	0.00184 J	<0.000367	<0.000657	<0.000642	0.00184 J
	12/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	03/15/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	-
	09/15/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/13/2023	<0.00100	<0.00100	<0.00100	<0.000500	<0.000500
03/08/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
06/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
01/21/2025	Plugged and Abandoned					
MW-36	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-
	06/21/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	09/28/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	12/13/2016	<0.000408	<0.00100	<0.000657	0.00416	-
	03/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	06/05/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408
	09/21/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	03/28/2018	0.00234	0.000590 J	<0.000657	<0.000630	0.00293
	06/14/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/26/2018	<0.000408	0.00199 J	<0.000657	<0.000630	0.00199 J
	12/18/2018	0.00140	<0.000512	<0.000616	<0.000270	0.00140
	03/28/2019	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
	06/27/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/18/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	12/15/2019	0.00269	<0.000367	<0.000657	<0.000630	0.00269
	03/20/2020	0.00430	<0.000512	<0.000616	<0.000270	0.00430
	06/22/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	09/16/2020	0.0104	<0.000367	<0.000657	<0.000630	0.0104
	12/08/2020	0.00164 J	<0.002000	<0.002000	<0.0006300	0.001640 J
	03/08/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	06/23/2021	0.000795 J	0.0034	<0.00200	0.000920 J	0.00512
	09/13/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	12/07/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/16/2022	<0.000408	0.000572 J	<0.000657	<0.000642	<0.000657
	09/08/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	12/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	03/15/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	-
	09/15/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/13/2023	<0.00100	<0.00100	<0.00100	<0.000500	<0.000500
03/08/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
06/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
01/21/2025	Plugged and Abandoned					

Table 2 - Groundwater Analytical Data (BTEX) - Historical
8" Moore to Jal #1
Lea County, NM
SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-
MW-37	03/28/2016	<0.00022	<0.00024	<0.00024	<0.00024	-
	06/22/2016	<0.000504	<0.000621	<0.000763	<0.000256	-
	09/28/2016	0.889	<0.0658	<0.0809	<0.0271	-
	12/13/2016	0.602	<0.0200	<0.0131	<0.0128	-
	03/21/2017	0.0170	<0.000367	<0.000657	<0.000630	0.0170
	06/06/2017	2.21	<0.0500	<0.0329	<0.0321	2.21
	09/21/2017	1.04 D	<0.00100	<0.000657	<0.000630	1.04
	12/21/2017	0.0774	<0.000367	<0.000657	<0.000630	0.0774
	03/28/2018	0.0467	<0.000367	<0.000657	<0.000630	0.0467
	06/14/2018	0.355	<0.000512	<0.000616	<0.000270	0.355
	09/26/2018	0.00674	<0.000367	<0.000657	<0.000630	0.00674
	12/18/2018	0.000600 J	<0.000512	<0.000616	<0.000270	0.000600 J
	03/26/2019	0.0161	<0.000500	<0.000500	<0.000500	0.0161
	06/25/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/16/2019	0.00670	<0.000367	<0.000657	<0.000630	0.00670
	12/13/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	03/18/2020	0.0856	<0.000512	0.00160	0.00240	0.0896
	06/22/2020	0.00165 J	<0.000367	<0.000657	<0.000630	0.00165 J
	09/15/2020	0.00170 J	<0.000367	<0.000657	<0.000630	0.00170 J
	12/08/2020	<0.002000	<0.002000	<0.002000	<0.0006300	<0.0003670
	03/29/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200
	06/24/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	09/14/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	12/08/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	09/07/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	12/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	03/16/2023	<0.000408	0.00106 J	<0.000657	<0.000642	0.00106 J
	06/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	-
09/15/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
01/21/2025	Plugged and Abandoned					
MW-38	03/28/2016	6.55	<0.0119	<0.0119	0.104	-
	06/22/2016	4.07	<0.0310	<0.0382	0.0427 J	-
	09/28/2016	2.83	<0.0658	0.126	0.417	-
	12/13/2016	5.91	<0.0200	0.0450	0.0417	-
	03/21/2017	12.6	<0.0184	<0.0329	<0.0315	12.6
	06/06/2017	0.216	<0.00100	0.000890 J	0.00174 J	0.219
	09/21/2017	14 D	<0.00100	0.0118	0.00155 J	14.0
	12/21/2017	13.4 D	<0.000367	0.00794	0.00184 J	13.4
	03/28/2018	7.58 D	<0.000367	<0.000657	<0.000630	7.58
	06/14/2018	12.6	<0.0256	<0.0308	<0.0135	12.6
	09/26/2018	10.7 D	0.00427	0.0106	0.00298	10.7
	12/18/2018	3.72	<0.0102	<0.0123	<0.00540	3.72
	03/26/2019	8.06	<0.0100	<0.0100	<0.0100	8.06
	06/25/2019	2.70	<0.00512	<0.00616	<0.00270	2.70
	09/16/2019	6.19	<0.000367	0.00669	<0.000630	6.20
	12/13/2019	0.682	0.000530	0.000970	<0.000630	0.684
	03/18/2020	0.333	<0.00256	<0.00308	<0.00135	0.333
	06/22/2020	0.358	0.00105 J	0.00387	0.00372	0.367
	09/15/2020	0.209	<0.000367	0.00584	0.00562	0.220
	12/08/2020	0.0309	<0.002000	<0.002000	<0.0006300	0.03090
	03/29/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200
	06/24/2021	0.000758 J	<0.00200	<0.00200	<0.00400	0.000758 J
	09/14/2021	<0.00200	<0.00200	0.00136 J	<0.00400	0.00136 J
	12/08/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	09/07/2022	0.00112 J	<0.000367	<0.000657	<0.000642	0.00112 J
	12/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	03/16/2023	<0.000408	<0.000367	<0.000657 *1	<0.000642 *1	<0.000657
	06/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	-
09/15/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
12/13/2023	<0.00100	<0.00100	<0.00100	<0.000500	<0.000500	
03/07/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
06/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
09/10/2024	0.125	<0.00100	<0.00100	<0.00100	0.125	
12/11/2024	0.156	<0.00100	<0.00100	<0.00100	0.156	
03/19/2025	0.0169	<0.00100	<0.00100	<0.00100	0.0169	
06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
09/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
12/04/2025	NWP	NWP	NWP	NWP	NWP	

Table 2 - Groundwater Analytical Data (BTEX) - Historical
8" Moore to Jal #1
Lea County, NM
SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-
MW-39	09/26/2018	0.0473	<0.000367	<0.000657	0.00142 J	0.0487
	12/18/2018	0.358	<0.000512	<0.000616	0.00540	0.363
	03/27/2019	0.00573	0.00472	<0.000500	0.000550	0.0110
	06/27/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/18/2019	<0.000480 K	<0.000512 K	<0.000616 K	<0.000270 K	<0.000270 K
	12/15/2019	0.00663	<0.000367	<0.000657	<0.000630	0.006630
	03/19/2020	0.0571	<0.000512	<0.000616	0.00190	0.0590
	06/23/2020	0.0495	0.000720 J	<0.000657	<0.000630	0.0502
	09/16/2020	0.233	<0.000367	0.00147 J	0.00226	0.237
	12/08/2020	1.20 D	<0.002000	<0.002000	0.02106	1.221
	03/09/2021	0.124	<0.00200	<0.00200	<0.00200	0.124
	06/24/2021	0.0584	0.000661 J	<0.00200	<0.00400	0.0591
	09/13/2021	0.00611	<0.00200	<0.00200	<0.00400	0.00611
	12/08/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	09/08/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	12/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	03/16/2023	<0.000408	0.000812 J	<0.000657	<0.000642	0.000812 J
	06/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	-
	09/14/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/15/2023	<0.00100	<0.00100	<0.00100	<0.000500	<0.000500
	03/08/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	06/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	09/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/11/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	03/19/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
09/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
12/05/2025	0.00253	<0.00100	<0.00100	<0.00100	0.00253	
MW-40	09/26/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	12/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	03/26/2019	0.104	<0.000500	<0.000500	0.00177	0.106
	06/25/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/16/2019	1.65	<0.000367	0.00221	0.0394	1.69
	12/13/2019	5.14	0.00576	0.0156	0.0545	5.22
	03/18/2020	10.1	<0.0256	0.0500 J	0.100	10.3
	06/22/2020	9.71 D	0.00995	0.0575	0.0724	9.85
	09/15/2020	16.6 D	0.00513	0.0606	0.0656	16.7
	12/08/2020	23.2 D	0.0121	0.144	0.1842	23.54
	03/09/2021	13.7 D	0.00556	0.106	0.0618	13.9
	06/24/2021	25.5	<0.0400	0.109	<0.0800	26.0
	09/14/2021	24.7 *1	<0.200	0.394	<0.400	25.1
	12/08/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/15/2022	0.106	<0.0184	<0.0329	<0.0321	0.106 J
	09/08/2022	0.00210	<0.000367	<0.000657	<0.000642	0.00210 J
	12/16/2022	<0.00408	<0.00367	<0.00657	<0.00642	<0.00657
	03/16/2023	<0.00408	<0.00367	<0.00657 *1	<0.00642 *1	<0.00657
	06/16/2023	<0.00100	<0.00100	<0.00100	<0.00300	-
	09/15/2023	0.00304	0.00109	<0.00100	0.000580	0.00471
	12/13/2023	0.00236	<0.00100	<0.00100	0.0110	0.0141
	03/07/2024	0.00194	<0.00100	<0.00100	<0.00100	0.00194
	06/10/2024	0.00247	<0.00100	<0.00100	<0.00100	0.00247
	09/10/2024	0.00151	<0.00100	<0.00100	<0.00100	0.00151
	12/11/2024	0.00133	<0.00100	<0.00100	<0.00100	0.00133
	03/19/2025	0.00151	<0.00100	<0.00100	<0.00100	0.00151
	06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	09/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/05/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100

Table 2 - Groundwater Analytical Data (BTEX) - Historical
8" Moore to Jal #1
Lea County, NM
SRS#: 2002-10270

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)
NMWQCC- Groundwater		0.010	0.750	0.750	0.620	-
MW-41	09/26/2018	<0.000408	0.00564	<0.000657	<0.000630	0.00564
	12/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	03/27/2019	0.0101	0.00732	0.000600	0.00306	0.0211
	06/27/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270
	09/18/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	12/15/2019	0.00381	<0.000367	<0.000657	<0.000630	0.00381
	03/20/2020	0.00680	<0.000512	<0.000616	0.000600 J	0.00740
	06/22/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367
	09/16/2020	0.00943	<0.000367	<0.000657	<0.000630	0.00943
	12/07/2020	0.00394	<0.002000	<0.002000	<0.0006300	0.003940
	03/09/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
	06/23/2021	0.000541 J	0.00241	<0.00200	<0.00400	0.00295 J
	09/13/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	12/07/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400
	03/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/16/2022	<0.000408	0.000742 J	<0.000657	<0.000642	0.000742 J
	09/08/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	12/15/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	03/15/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657
	06/15/2023	<0.00100	<0.00100	<0.00100	<0.00300	-
	09/14/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/15/2023	<0.00100	<0.00100	<0.00100	<0.000500	<0.000500
	03/08/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	06/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	09/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/11/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
03/19/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
06/16/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
09/12/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	
12/05/2025	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	

Notes:

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

DR = Well dry

PSH = phase seperated hydrocarbons

OB = Obstruction in well

NWP = Well not sampled due to insufficient water

Analyte concentration exceeds the standard for:

NMWQCC - Groundwater Standard - NMAC 20.6.2

Table 3 - Groundwater Analytical Data (PAHs) - Historical
8" Moore to Jal #1
Lea County, NM
SRS #: 2002-10270

Table with 18 columns: 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. Rows include NMWQCC - Groundwater and various MW samples (MW-3A to MW-38) with multiple dates and numerical values.

Notes:

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

Analyte concentration exceeds the standard for:

NMWQCC - Groundwater Standard - NMAC 20.6.2



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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Location: Lea County, New Mexico
Lab Order Number: 5C21008



Current Certification

Report Date: 04/08/25

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

Project: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-41	5C21008-01	Water	03/19/25 16:17	03-21-2025 09:26
MW-39	5C21008-02	Water	03/19/25 15:52	03-21-2025 09:26
MW-40	5C21008-03	Water	03/19/25 13:48	03-21-2025 09:26
MW-38	5C21008-04	Water	03/19/25 13:32	03-21-2025 09:26
MW-33A	5C21008-05	Water	03/19/25 15:32	03-21-2025 09:26
MW-19A	5C21008-06	Water	03/19/25 14:48	03-21-2025 09:26
MW-27A	5C21008-07	Water	03/19/25 14:16	03-21-2025 09:26
MW-16A	5C21008-08	Water	03/19/25 12:52	03-21-2025 09:26
MW-14A	5C21008-09	Water	03/19/25 12:21	03-21-2025 09:26
MW-13A	5C21008-10	Water	03/19/25 11:40	03-21-2025 09:26
MW-24A	5C21008-11	Water	03/19/25 10:59	03-21-2025 09:26
MW-5A	5C21008-12	Water	03/19/25 10:04	03-21-2025 09:26
MW-31A	5C21008-13	Water	03/19/25 09:18	03-21-2025 09:26
MW-3A	5C21008-14	Water	03/19/25 08:40	03-21-2025 09:26

PAH analysis was 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: MOORE TO JAL #1
 Project Number: SRS #2002-10270
 Project Manager: David Adkins

MW-41
5C21008-01 (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	P5C2412	03/24/25 14:44	03/24/25 17:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 17:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 17:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 17:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 17:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.0 %		80-120		P5C2412	03/24/25 14:44	03/24/25 17:42	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.6 %		80-120		P5C2412	03/24/25 14:44	03/24/25 17:42	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: MOORE TO JAL #1
 Project Number: SRS #2002-10270
 Project Manager: David Adkins

MW-39
5C21008-02 (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	P5C2412	03/24/25 14:44	03/24/25 18:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.5 %		80-120		P5C2412	03/24/25 14:44	03/24/25 18:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.3 %		80-120		P5C2412	03/24/25 14:44	03/24/25 18:04	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: MOORE TO JAL #1
 Project Number: SRS #2002-10270
 Project Manager: David Adkins

MW-40
5C21008-03 (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	0.00151	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:27	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:27	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	80-120		P5C2412	03/24/25 14:44	03/24/25 18:27	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.3 %	80-120		P5C2412	03/24/25 14:44	03/24/25 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: MOORE TO JAL #1
 Project Number: SRS #2002-10270
 Project Manager: David Adkins

MW-38
5C21008-04 (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	0.0169	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 18:49	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.2 %	80-120		<i>P5C2412</i>	<i>03/24/25 14:44</i>	<i>03/24/25 18:49</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		95.9 %	80-120		<i>P5C2412</i>	<i>03/24/25 14:44</i>	<i>03/24/25 18:49</i>	<i>EPA 8021B</i>	

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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

MW-33A
5C21008-05 (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	P5C2412	03/24/25 14:44	03/24/25 19:12	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.5 %		80-120		P5C2412	03/24/25 14:44	03/24/25 19:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.2 %		80-120		P5C2412	03/24/25 14:44	03/24/25 19:12	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Fluorene	0.00011	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:25	8270C	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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

MW-19A
5C21008-06 (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	P5C2412	03/24/25 14:44	03/24/25 19:34	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:34	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:34	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:34	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.8 %		80-120		P5C2412	03/24/25 14:44	03/24/25 19:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.7 %		80-120		P5C2412	03/24/25 14:44	03/24/25 19:34	EPA 8021B	

PAH compounds by Semivolatle GCMS

1-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Fluorene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 11:44	8270C	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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

MW-27A
5C21008-07 (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	P5C2412	03/24/25 14:44	03/24/25 19:57	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 19:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.4 %		80-120		P5C2412	03/24/25 14:44	03/24/25 19:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.5 %		80-120		P5C2412	03/24/25 14:44	03/24/25 19:57	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Fluorene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:03	8270C	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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

MW-16A
5C21008-08 (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	P5C2412	03/24/25 14:44	03/24/25 20:19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 20:19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 20:19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 20:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 20:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.4 %	80-120		P5C2412	03/24/25 14:44	03/24/25 20:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.6 %	80-120		P5C2412	03/24/25 14:44	03/24/25 20:19	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Fluorene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:22	8270C	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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

MW-14A
5C21008-09 (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	P5C2412	03/24/25 14:44	03/24/25 20:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 20:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 20:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 20:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 20:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		91.9 %	80-120		P5C2412	03/24/25 14:44	03/24/25 20:42	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		92.0 %	80-120		P5C2412	03/24/25 14:44	03/24/25 20:42	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Fluorene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 12:41	8270C	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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

MW-13A
5C21008-10 (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	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 21:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 21:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 21:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 21:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 21:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.0 %			P5C2412	03/24/25 14:44	03/24/25 21:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		92.0 %			P5C2412	03/24/25 14:44	03/24/25 21:04	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Fluorene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:00	8270C	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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

MW-24A
5C21008-11 (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	P5C2412	03/24/25 14:44	03/24/25 22:12	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.4 %			P5C2412	03/24/25 14:44	03/24/25 22:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.1 %			P5C2412	03/24/25 14:44	03/24/25 22:12	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Fluorene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:19	8270C	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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

MW-5A
5C21008-12 (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	0.00489	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:35	EPA 8021B	
Toluene	0.00104	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:35	EPA 8021B	
Ethylbenzene	0.00143	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:35	EPA 8021B	
Xylene (p/m)	0.0147	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:35	EPA 8021B	
Xylene (o)	0.0149	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:35	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.1 %	80-120		P5C2412	03/24/25 14:44	03/24/25 22:35	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		90.8 %	80-120		P5C2412	03/24/25 14:44	03/24/25 22:35	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0020	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
2-Methylnaphthalene	0.00023	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Fluorene	0.00045	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Naphthalene	0.00068	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:37	8270C	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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

MW-31A
5C21008-13 (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	0.00402	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:57	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:57	EPA 8021B	
Xylene (p/m)	0.00273	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:57	EPA 8021B	
Xylene (o)	0.00255	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 22:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.8 %	80-120		P5C2412	03/24/25 14:44	03/24/25 22:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.4 %	80-120		P5C2412	03/24/25 14:44	03/24/25 22:57	EPA 8021B	

PAH compounds by Semivolatle GCMS

1-Methylnaphthalene	0.00089	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
2-Methylnaphthalene	0.00029	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Fluorene	0.00013	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Naphthalene	0.00021	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Phenanthrene	0.00011	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 13:56	8270C	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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

MW-3A
5C21008-14 (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	0.00399	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 23:20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 23:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 23:20	EPA 8021B	
Xylene (p/m)	0.00800	0.00200	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 23:20	EPA 8021B	
Xylene (o)	0.00536	0.00100	mg/L	1	P5C2412	03/24/25 14:44	03/24/25 23:20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.6 %	80-120		P5C2412	03/24/25 14:44	03/24/25 23:20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		92.8 %	80-120		P5C2412	03/24/25 14:44	03/24/25 23:20	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Fluorene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P5D0715	03/27/25 18:18	03/28/25 14:15	8270C	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: MOORE TO JAL #1
Project Number: SRS #2002-10270
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 P5C2412 - * DEFAULT PREP *****

Blank (P5C2412-BLK1)

Prepared & Analyzed: 03/24/25

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	0.114		"	0.120		95.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.9	80-120			

LCS (P5C2412-BS1)

Prepared & Analyzed: 03/24/25

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0973	0.00100	"	0.100		97.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	80-120			

LCS Dup (P5C2412-BS1)

Prepared & Analyzed: 03/24/25

Benzene	0.109	0.00100	mg/L	0.100		109	80-120	5.85	20	
Toluene	0.107	0.00100	"	0.100		107	80-120	6.74	20	
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120	6.71	20	
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120	5.42	20	
Xylene (o)	0.103	0.00100	"	0.100		103	80-120	6.11	20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

Calibration Blank (P5C2412-CCB1)

Prepared & Analyzed: 03/24/25

Benzene	0.200		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.230		"							
Xylene (p/m)	0.430		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.8	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: MOORE TO JAL #1
Project Number: SRS #2002-10270
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 P5C2412 - * DEFAULT PREP *****

Calibration Blank (P5C2412-CCB2)

Prepared & Analyzed: 03/24/25

Benzene	0.220		ug/l							
Toluene	0.300		"							
Ethylbenzene	0.360		"							
Xylene (p/m)	0.470		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.3	80-120			

Calibration Check (P5C2412-CCV1)

Prepared & Analyzed: 03/24/25

Benzene	0.111	0.00100	mg/L	0.100		111	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)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.4	80-120			

Calibration Check (P5C2412-CCV2)

Prepared & Analyzed: 03/24/25

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		107	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.4	80-120			

Calibration Check (P5C2412-CCV3)

Prepared: 03/24/25 Analyzed: 03/25/25

Benzene	0.114	0.00100	mg/L	0.100		114	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)	0.217	0.00200	"	0.200		109	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	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: MOORE TO JAL #1
 Project Number: SRS #2002-10270
 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 P5C2412 - * DEFAULT PREP *****

Matrix Spike (P5C2412-MS1)	Source: 5C21008-01			Prepared & Analyzed: 03/24/25						
Benzene	0.101	0.00100	mg/L	0.100	ND	101	80-120			
Toluene	0.0961	0.00100	"	0.100	ND	96.1	80-120			
Ethylbenzene	0.0999	0.00100	"	0.100	ND	99.9	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200	ND	98.8	80-120			
Xylene (o)	0.0915	0.00100	"	0.100	ND	91.5	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.120</i>		<i>"</i>	<i>0.120</i>		<i>100</i>	<i>80-120</i>			
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>0.118</i>		<i>"</i>	<i>0.120</i>		<i>98.4</i>	<i>80-120</i>			

Matrix Spike Dup (P5C2412-MSD1)	Source: 5C21008-01			Prepared: 03/24/25 Analyzed: 03/25/25						
Benzene	0.108	0.00100	mg/L	0.100	ND	108	80-120	6.65	20	
Toluene	0.109	0.00100	"	0.100	ND	109	80-120	12.9	20	
Ethylbenzene	0.115	0.00100	"	0.100	ND	115	80-120	13.8	20	
Xylene (p/m)	0.216	0.00200	"	0.200	ND	108	80-120	8.93	20	
Xylene (o)	0.105	0.00100	"	0.100	ND	105	80-120	13.5	20	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.120</i>		<i>"</i>	<i>0.120</i>		<i>100</i>	<i>80-120</i>			
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>0.118</i>		<i>"</i>	<i>0.120</i>		<i>98.4</i>	<i>80-120</i>			

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: MOORE TO JAL #1
Project Number: SRS #2002-10270
Project Manager: David Adkins

Notes and Definitions

- SUB-13 Subcontract of analyte/analysis to ALS Houston.
- 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: 4/8/2025

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

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

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

Project Manager: David Adkins
Project Name: Moore to Jal #1 (MTJ1)

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# 2002-10270

Telephone No: 575-441-4835
Fax No: _____
Report Format: Standard TRRP NPDES

Sampler Signature: *Bartlett Madley*
e-mail: dadkins@talonpe.com, mgomez@talonpe.com

ORDER #: 5C21008

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	PAH	Analyze For:	TCLP:	TOTAL:	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	Other (Specify)	DW=Drinking Water	SL=Sludge										
1	MW-41			3-19-25	4:17		3	3	3																	X	
2	MW-39			3-19-25	3:52		3	3																		X	
3	MW-40			3-19-25	1:49		3	3																		X	
4	MW-38			3-19-25	1:32		3	3																		X	
5	MW-33A			3-19-25	3:32		5	5																		X	
6	MW-19A			3-19-25	2:48		5	5																		X	
7	MW-27A			3-19-25	2:16		5	5																		X	
8	MW-16A			3-19-25	12:58		5	5																		X	
9	MW-14A			3-19-25	12:21		5	5																		X	
10	MW-13A			3-19-25	11:40		5	5																		X	

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

Relinquished by:	Date	Time	Received by:	Date	Time
<i>Bartlett Madley</i>	3/21/25	9:25			
			<i>[Signature]</i>	3/21/25	9:24

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: Brent Barron

Project Name: SUBCONTRACT

Company Name PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Fax No:

Report Format: X Standard [] TRRP [] NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

Table with columns for LAB # (lab use only), FIELD CODE, Beginning Depth, Ending Depth, Date Sampled, Time Sampled, and various chemical analysis parameters (e.g., HNO3, HCl, H2SO4, NaOH, Na2S2O3, DW, GW, NP, 8270C PAH LL). Includes a '24 HOUR RUSH STANDARD' column.

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

Table for Relinquished by/Received by information, including Date and Time for each transfer.

Laboratory Comments table with rows for Sample Containers Intact?, VOCs Free of Headspace?, Labels on container(s), Custody seals on container(s), Sample Hand Delivered, and Temperature Upon Receipt.

Released to Imaging: 5/15/2026 3:53:06 PM

Received by OCD: 3/25/2026 4:38:40 PM

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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: Brent Barron
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: brentbarron@pbelab.com

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

Main data 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, 8270C PAH LL, Analyze For, 24 HOUR RUSH STANDARD.

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

Laboratory Comments table with rows: 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.

Relinquished by: Brent Barron, 3/24/2025, 17:00. Received by: Date, Time.

Released to Imaging: 5/15/2026 3:53:06 PM

Received by OCD: 3/25/2026 4:38:40 PM



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

March 31, 2025

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

Work Order: **HS25031224**

Laboratory Results for: **5C21008**

Dear Brent Barron,

ALS Environmental received 10 sample(s) on Mar 25, 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: DAYNA.FISHER

Jessica Monfore
Project manager

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
Project: 5C21008
Work Order: HS25031224

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS25031224-01	5C21008-05	Water		19-Mar-2025 15:32	25-Mar-2025 09:00	<input type="checkbox"/>
HS25031224-02	5C21008-06	Water		19-Mar-2025 14:48	25-Mar-2025 09:00	<input type="checkbox"/>
HS25031224-03	5C21008-07	Water		19-Mar-2025 14:16	25-Mar-2025 09:00	<input type="checkbox"/>
HS25031224-04	5C21008-08	Water		19-Mar-2025 12:52	25-Mar-2025 09:00	<input type="checkbox"/>
HS25031224-05	5C21008-09	Water		19-Mar-2025 12:21	25-Mar-2025 09:00	<input type="checkbox"/>
HS25031224-06	5C21008-10	Water		19-Mar-2025 11:40	25-Mar-2025 09:00	<input type="checkbox"/>
HS25031224-07	5C21008-11	Water		19-Mar-2025 10:59	25-Mar-2025 09:00	<input type="checkbox"/>
HS25031224-08	5C21008-12	Water		19-Mar-2025 10:04	25-Mar-2025 09:00	<input type="checkbox"/>
HS25031224-09	5C21008-13	Water		19-Mar-2025 09:18	25-Mar-2025 09:00	<input type="checkbox"/>
HS25031224-10	5C21008-14	Water		19-Mar-2025 08:40	25-Mar-2025 09:00	<input type="checkbox"/>

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
Project: 5C21008
Work Order: HS25031224

CASE NARRATIVE

GCMS Semivolatiles by Method SW8270

Batch ID: 225968

Sample ID: 5C21008-05 (HS25031224-01)

- Sample extracted or prepared outside of hold time.

Sample ID: 5C21008-06 (HS25031224-02)

- Sample extracted or prepared outside of hold time.

Sample ID: 5C21008-07 (HS25031224-03)

- Sample extracted or prepared outside of hold time.

Sample ID: 5C21008-08 (HS25031224-04)

- Sample extracted or prepared outside of hold time.

Sample ID: 5C21008-09 (HS25031224-05)

- Sample extracted or prepared outside of hold time.

Sample ID: 5C21008-10 (HS25031224-06)

- Sample extracted or prepared outside of hold time.

Sample ID: 5C21008-11 (HS25031224-07)

- Sample extracted or prepared outside of hold time.

- Surrogate recoveries were outside of the control limits due to matrix interference.

Sample ID: 5C21008-12 (HS25031224-08)

- Sample extracted or prepared outside of hold time.

Sample ID: 5C21008-13 (HS25031224-09)

- Sample extracted or prepared outside of hold time.

Sample ID: 5C21008-14 (HS25031224-10)

- Sample extracted or prepared outside of hold time.

Sample ID: LCSD-225968

- The RPD between the LCS and LCSD was outside of the control limit.

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C21008
 Sample ID: 5C21008-05
 Collection Date: 19-Mar-2025 15:32

ANALYTICAL REPORT

WorkOrder:HS25031224
 Lab ID:HS25031224-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	Method:SW8270			Prep:SW3510 / 27-Mar-2025		Analyst: IT
1-Methylnaphthalene	ND	Hn	0.100	ug/L	1	28-Mar-2025 11:25
2-Methylnaphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Acenaphthene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Acenaphthylene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Benz(a)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Benzo(a)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Benzo(b)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Benzo(g,h,i)perylene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Benzo(k)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Chrysene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Dibenz(a,h)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Fluorene	0.105	H	0.100	ug/L	1	28-Mar-2025 11:25
Indeno(1,2,3-cd)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Naphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Phenanthrene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 11:25
Surr: 2-Fluorobiphenyl	68.5		40-125	%REC	1	28-Mar-2025 11:25
Surr: 4-Terphenyl-d14	77.4		40-135	%REC	1	28-Mar-2025 11:25
Surr: Nitrobenzene-d5	61.3		41-120	%REC	1	28-Mar-2025 11:25

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

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C21008
 Sample ID: 5C21008-06
 Collection Date: 19-Mar-2025 14:48

ANALYTICAL REPORT

WorkOrder:HS25031224
 Lab ID:HS25031224-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	Method:SW8270			Prep:SW3510 / 27-Mar-2025		Analyst: IT
1-Methylnaphthalene	ND	Hn	0.100	ug/L	1	28-Mar-2025 11:44
2-Methylnaphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Acenaphthene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Acenaphthylene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Benz(a)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Benzo(a)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Benzo(b)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Benzo(g,h,i)perylene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Benzo(k)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Chrysene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Dibenz(a,h)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Fluorene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Indeno(1,2,3-cd)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Naphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Phenanthrene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 11:44
Surr: 2-Fluorobiphenyl	60.4		40-125	%REC	1	28-Mar-2025 11:44
Surr: 4-Terphenyl-d14	65.2		40-135	%REC	1	28-Mar-2025 11:44
Surr: Nitrobenzene-d5	53.3		41-120	%REC	1	28-Mar-2025 11:44

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

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C21008
 Sample ID: 5C21008-07
 Collection Date: 19-Mar-2025 14:16

ANALYTICAL REPORT
 WorkOrder:HS25031224
 Lab ID:HS25031224-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	Method:SW8270			Prep:SW3510 / 27-Mar-2025		Analyst: IT
1-Methylnaphthalene	ND	Hn	0.100	ug/L	1	28-Mar-2025 12:03
2-Methylnaphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Acenaphthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Acenaphthylene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Benz(a)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Benzo(a)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Benzo(b)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Benzo(g,h,i)perylene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Benzo(k)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Chrysene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Dibenz(a,h)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Fluorene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Indeno(1,2,3-cd)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Naphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Phenanthrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:03
Surr: 2-Fluorobiphenyl	56.6		40-125	%REC	1	28-Mar-2025 12:03
Surr: 4-Terphenyl-d14	63.0		40-135	%REC	1	28-Mar-2025 12:03
Surr: Nitrobenzene-d5	51.5		41-120	%REC	1	28-Mar-2025 12:03

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

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C21008
 Sample ID: 5C21008-08
 Collection Date: 19-Mar-2025 12:52

ANALYTICAL REPORT

WorkOrder:HS25031224
 Lab ID:HS25031224-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	Method:SW8270			Prep:SW3510 / 27-Mar-2025		Analyst: IT
1-Methylnaphthalene	ND	Hn	0.100	ug/L	1	28-Mar-2025 12:22
2-Methylnaphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Acenaphthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Acenaphthylene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Benz(a)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Benzo(a)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Benzo(b)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Benzo(g,h,i)perylene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Benzo(k)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Chrysene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Dibenz(a,h)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Fluorene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Indeno(1,2,3-cd)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Naphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Phenanthrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:22
Surr: 2-Fluorobiphenyl	60.7		40-125	%REC	1	28-Mar-2025 12:22
Surr: 4-Terphenyl-d14	64.0		40-135	%REC	1	28-Mar-2025 12:22
Surr: Nitrobenzene-d5	54.8		41-120	%REC	1	28-Mar-2025 12:22

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

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C21008
 Sample ID: 5C21008-09
 Collection Date: 19-Mar-2025 12:21

ANALYTICAL REPORT

WorkOrder:HS25031224
 Lab ID:HS25031224-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3510 / 27-Mar-2025		Analyst: IT
1-Methylnaphthalene	ND	Hn	0.100	ug/L	1	28-Mar-2025 12:41
2-Methylnaphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Acenaphthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Acenaphthylene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Benz(a)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Benzo(a)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Benzo(b)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Benzo(g,h,i)perylene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Benzo(k)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Chrysene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Dibenz(a,h)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Fluorene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Indeno(1,2,3-cd)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Naphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Phenanthrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 12:41
Surr: 2-Fluorobiphenyl	44.2		40-125	%REC	1	28-Mar-2025 12:41
Surr: 4-Terphenyl-d14	53.4		40-135	%REC	1	28-Mar-2025 12:41
Surr: Nitrobenzene-d5	42.2		41-120	%REC	1	28-Mar-2025 12:41

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

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C21008
 Sample ID: 5C21008-10
 Collection Date: 19-Mar-2025 11:40

ANALYTICAL REPORT

WorkOrder:HS25031224
 Lab ID:HS25031224-06
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	Method:SW8270			Prep:SW3510 / 27-Mar-2025		Analyst: IT
1-Methylnaphthalene	ND	Hn	0.100	ug/L	1	28-Mar-2025 13:00
2-Methylnaphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Acenaphthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Acenaphthylene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Benz(a)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Benzo(a)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Benzo(b)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Benzo(g,h,i)perylene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Benzo(k)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Chrysene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Dibenz(a,h)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Fluorene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Indeno(1,2,3-cd)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Naphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Phenanthrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:00
Surr: 2-Fluorobiphenyl	58.3		40-125	%REC	1	28-Mar-2025 13:00
Surr: 4-Terphenyl-d14	64.4		40-135	%REC	1	28-Mar-2025 13:00
Surr: Nitrobenzene-d5	53.5		41-120	%REC	1	28-Mar-2025 13:00

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

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C21008
 Sample ID: 5C21008-11
 Collection Date: 19-Mar-2025 10:59

ANALYTICAL REPORT
 WorkOrder:HS25031224
 Lab ID:HS25031224-07
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	Method:SW8270			Prep:SW3510 / 27-Mar-2025		Analyst: IT
1-Methylnaphthalene	ND	Hn	0.100	ug/L	1	28-Mar-2025 13:19
2-Methylnaphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Acenaphthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Acenaphthylene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Benz(a)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Benzo(a)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Benzo(b)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Benzo(g,h,i)perylene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Benzo(k)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Chrysene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Dibenz(a,h)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Fluorene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Indeno(1,2,3-cd)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Naphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Phenanthrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:19
Surr: 2-Fluorobiphenyl	41.1		40-125	%REC	1	28-Mar-2025 13:19
Surr: 4-Terphenyl-d14	64.7		40-135	%REC	1	28-Mar-2025 13:19
Surr: Nitrobenzene-d5	38.9	S	41-120	%REC	1	28-Mar-2025 13:19

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

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C21008
 Sample ID: 5C21008-12
 Collection Date: 19-Mar-2025 10:04

ANALYTICAL REPORT

WorkOrder:HS25031224
 Lab ID:HS25031224-08
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3510 / 27-Mar-2025		Analyst: IT
1-Methylnaphthalene	1.98	Hn	0.100	ug/L	1	28-Mar-2025 13:37
2-Methylnaphthalene	0.228	H	0.100	ug/L	1	28-Mar-2025 13:37
Acenaphthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Acenaphthylene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Benz(a)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Benzo(a)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Benzo(b)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Benzo(g,h,i)perylene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Benzo(k)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Chrysene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Dibenz(a,h)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Fluorene	0.454	H	0.100	ug/L	1	28-Mar-2025 13:37
Indeno(1,2,3-cd)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Naphthalene	0.675	H	0.100	ug/L	1	28-Mar-2025 13:37
Phenanthrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:37
Surr: 2-Fluorobiphenyl	57.3		40-125	%REC	1	28-Mar-2025 13:37
Surr: 4-Terphenyl-d14	66.3		40-135	%REC	1	28-Mar-2025 13:37
Surr: Nitrobenzene-d5	58.5		41-120	%REC	1	28-Mar-2025 13:37

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

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C21008
 Sample ID: 5C21008-13
 Collection Date: 19-Mar-2025 09:18

ANALYTICAL REPORT

WorkOrder:HS25031224
 Lab ID:HS25031224-09
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3510 / 27-Mar-2025		Analyst: IT
1-Methylnaphthalene	0.890	Hn	0.100	ug/L	1	28-Mar-2025 13:56
2-Methylnaphthalene	0.294	H	0.100	ug/L	1	28-Mar-2025 13:56
Acenaphthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Acenaphthylene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Benz(a)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Benzo(a)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Benzo(b)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Benzo(g,h,i)perylene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Benzo(k)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Chrysene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Dibenz(a,h)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Fluorene	0.131	H	0.100	ug/L	1	28-Mar-2025 13:56
Indeno(1,2,3-cd)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Naphthalene	0.207	H	0.100	ug/L	1	28-Mar-2025 13:56
Phenanthrene	0.108	H	0.100	ug/L	1	28-Mar-2025 13:56
Pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 13:56
Surr: 2-Fluorobiphenyl	42.8		40-125	%REC	1	28-Mar-2025 13:56
Surr: 4-Terphenyl-d14	63.8		40-135	%REC	1	28-Mar-2025 13:56
Surr: Nitrobenzene-d5	41.6		41-120	%REC	1	28-Mar-2025 13:56

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

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
 Project: 5C21008
 Sample ID: 5C21008-14
 Collection Date: 19-Mar-2025 08:40

ANALYTICAL REPORT
 WorkOrder:HS25031224
 Lab ID:HS25031224-10
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	Method:SW8270			Prep:SW3510 / 27-Mar-2025		Analyst: IT
1-Methylnaphthalene	ND	Hn	0.100	ug/L	1	28-Mar-2025 14:15
2-Methylnaphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Acenaphthene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Acenaphthylene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Benz(a)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Benzo(a)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Benzo(b)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Benzo(g,h,i)perylene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Benzo(k)fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Chrysene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Dibenz(a,h)anthracene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Fluoranthene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Fluorene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Indeno(1,2,3-cd)pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Naphthalene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Phenanthrene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Pyrene	ND	H	0.100	ug/L	1	28-Mar-2025 14:15
Surr: 2-Fluorobiphenyl	46.5		40-125	%REC	1	28-Mar-2025 14:15
Surr: 4-Terphenyl-d14	57.6		40-135	%REC	1	28-Mar-2025 14:15
Surr: Nitrobenzene-d5	43.1		41-120	%REC	1	28-Mar-2025 14:15

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

ALS Houston, US

Date: 31-Mar-25

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP

Project: 5C21008

WorkOrder: HS25031224

Batch ID: 225968	Start Date: 27 Mar 2025 18:18	End Date: 27 Mar 2025 18:18
Method: SV AQ SEP FUNNEL ULTRA LVI	Prep Code: 3510C_MIN_W	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25031224-01		100	1 (mL)	0.01	120 mL Amber Neat
HS25031224-02		100	1 (mL)	0.01	120 mL Amber Neat
HS25031224-03		100	1 (mL)	0.01	120 mL Amber Neat
HS25031224-04		100	1 (mL)	0.01	120 mL Amber Neat
HS25031224-05		100	1 (mL)	0.01	120 mL Amber Neat
HS25031224-06		100	1 (mL)	0.01	120 mL Amber Neat
HS25031224-07		100	1 (mL)	0.01	120 mL Amber Neat
HS25031224-08		100	1 (mL)	0.01	120 mL Amber Neat
HS25031224-09		100	1 (mL)	0.01	120 mL Amber Neat
HS25031224-10		100	1 (mL)	0.01	120 mL Amber Neat

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
Project: 5C21008
WorkOrder: HS25031224

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 225968 (0)		Test Name : ULTRA LVI SEMIVOLATILES BY 8270D			Matrix: Water	
HS25031224-01	5C21008-05	19 Mar 2025 15:32		27 Mar 2025 18:18	28 Mar 2025 11:25	1
HS25031224-02	5C21008-06	19 Mar 2025 14:48		27 Mar 2025 18:18	28 Mar 2025 11:44	1
HS25031224-03	5C21008-07	19 Mar 2025 14:16		27 Mar 2025 18:18	28 Mar 2025 12:03	1
HS25031224-04	5C21008-08	19 Mar 2025 12:52		27 Mar 2025 18:18	28 Mar 2025 12:22	1
HS25031224-05	5C21008-09	19 Mar 2025 12:21		27 Mar 2025 18:18	28 Mar 2025 12:41	1
HS25031224-06	5C21008-10	19 Mar 2025 11:40		27 Mar 2025 18:18	28 Mar 2025 13:00	1
HS25031224-07	5C21008-11	19 Mar 2025 10:59		27 Mar 2025 18:18	28 Mar 2025 13:19	1
HS25031224-08	5C21008-12	19 Mar 2025 10:04		27 Mar 2025 18:18	28 Mar 2025 13:37	1
HS25031224-09	5C21008-13	19 Mar 2025 09:18		27 Mar 2025 18:18	28 Mar 2025 13:56	1
HS25031224-10	5C21008-14	19 Mar 2025 08:40		27 Mar 2025 18:18	28 Mar 2025 14:15	1

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
Project: 5C21008
WorkOrder: HS25031224

QC BATCH REPORT

Batch ID: 225968 (0)		Instrument: SV-11		Method: ULTRA LVI SEMIVOLATILES BY 8270D						
MBLK	Sample ID: MBLK-225968	Units: ug/L			Analysis Date: 28-Mar-2025 10:28					
Client ID:	Run ID: SV-11_509894	SeqNo: 8753525	PrepDate: 27-Mar-2025	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	0.100								
2-Methylnaphthalene	ND	0.100								
Acenaphthene	ND	0.100								
Acenaphthylene	ND	0.100								
Anthracene	ND	0.100								
Benz(a)anthracene	ND	0.100								
Benzo(a)pyrene	ND	0.100								
Benzo(b)fluoranthene	ND	0.100								
Benzo(g,h,i)perylene	ND	0.100								
Benzo(k)fluoranthene	ND	0.100								
Chrysene	ND	0.100								
Dibenz(a,h)anthracene	ND	0.100								
Fluoranthene	ND	0.100								
Fluorene	ND	0.100								
Indeno(1,2,3-cd)pyrene	ND	0.100								
Naphthalene	ND	0.100								
Phenanthrene	ND	0.100								
Pyrene	ND	0.100								
Surr: 2-Fluorobiphenyl	3.284	0	5	0	65.7	40 - 125				
Surr: 4-Terphenyl-d14	3.432	0	5	0	68.6	40 - 135				
Surr: Nitrobenzene-d5	3.168	0	5	0	63.4	41 - 120				

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
Project: 5C21008
WorkOrder: HS25031224

QC BATCH REPORT

Batch ID: 225968 (0)		Instrument: SV-11		Method: ULTRA LVI SEMIVOLATILES BY 8270D						
LCS	Sample ID: LCS-225968	Units: ug/L			Analysis Date: 28-Mar-2025 10:47					
Client ID:	Run ID: SV-11_509894	SeqNo: 8753526	PrepDate: 27-Mar-2025	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.476	0.100	5	0	69.5	45 - 120				
2-Methylnaphthalene	3.389	0.100	5	0	67.8	50 - 120				
Acenaphthene	3.776	0.100	5	0	75.5	47 - 145				
Acenaphthylene	3.563	0.100	5	0	71.3	47 - 120				
Anthracene	3.674	0.100	5	0	73.5	45 - 120				
Benz(a)anthracene	3.724	0.100	5	0	74.5	40 - 120				
Benzo(a)pyrene	3.832	0.100	5	0	76.6	42 - 127				
Benzo(b)fluoranthene	4.066	0.100	5	0	81.3	50 - 120				
Benzo(g,h,i)perylene	3.858	0.100	5	0	77.2	42 - 127				
Benzo(k)fluoranthene	4.308	0.100	5	0	86.2	50 - 120				
Chrysene	3.745	0.100	5	0	74.9	43 - 120				
Dibenz(a,h)anthracene	3.901	0.100	5	0	78.0	35 - 125				
Fluoranthene	3.688	0.100	5	0	73.8	45 - 125				
Fluorene	3.518	0.100	5	0	70.4	59 - 121				
Indeno(1,2,3-cd)pyrene	3.806	0.100	5	0	76.1	41 - 128				
Naphthalene	3.539	0.100	5	0	70.8	50 - 150				
Phenanthrene	3.78	0.100	5	0	75.6	54 - 120				
Pyrene	4.035	0.100	5	0	80.7	40 - 130				
Surr: 2-Fluorobiphenyl	3.485	0	5	0	69.7	40 - 125				
Surr: 4-Terphenyl-d14	3.67	0	5	0	73.4	40 - 135				
Surr: Nitrobenzene-d5	3.195	0	5	0	63.9	41 - 120				

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
Project: 5C21008
WorkOrder: HS25031224

QC BATCH REPORT

Batch ID: 225968 (0)		Instrument: SV-11		Method: ULTRA LVI SEMIVOLATILES BY 8270D							
LCSD	Sample ID: LCSD-225968	Units: ug/L			Analysis Date: 28-Mar-2025 11:06						
Client ID:	Run ID: SV-11_509894	SeqNo: 8753612	PrepDate: 27-Mar-2025	DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1-Methylnaphthalene	2.837	0.100	5	0	56.7	45 - 125	3.476	20.2	20	R	
2-Methylnaphthalene	2.764	0.100	5	0	55.3	50 - 120	3.389	20.3	20	R	
Acenaphthene	3.044	0.100	5	0	60.9	47 - 145	3.776	21.5	20	R	
Acenaphthylene	2.917	0.100	5	0	58.3	47 - 120	3.563	20	20		
Anthracene	3.027	0.100	5	0	60.5	45 - 120	3.674	19.3	20		
Benz(a)anthracene	3.037	0.100	5	0	60.7	40 - 120	3.724	20.3	20	R	
Benzo(a)pyrene	3.174	0.100	5	0	63.5	42 - 127	3.832	18.8	20		
Benzo(b)fluoranthene	3.346	0.100	5	0	66.9	50 - 120	4.066	19.4	20		
Benzo(g,h,i)perylene	3.109	0.100	5	0	62.2	42 - 127	3.858	21.5	20	R	
Benzo(k)fluoranthene	3.476	0.100	5	0	69.5	50 - 120	4.308	21.4	20	R	
Chrysene	3.223	0.100	5	0	64.5	43 - 120	3.745	15	20		
Dibenz(a,h)anthracene	3.222	0.100	5	0	64.4	35 - 125	3.901	19.1	20		
Fluoranthene	2.958	0.100	5	0	59.2	45 - 125	3.688	22	20	R	
Fluorene	2.962	0.100	5	0	59.2	59 - 121	3.518	17.2	20		
Indeno(1,2,3-cd)pyrene	3.073	0.100	5	0	61.5	41 - 128	3.806	21.3	20	R	
Naphthalene	2.807	0.100	5	0	56.1	50 - 150	3.539	23.1	20	R	
Phenanthrene	3.053	0.100	5	0	61.1	54 - 120	3.78	21.3	20	R	
Pyrene	3.15	0.100	5	0	63.0	40 - 130	4.035	24.6	20	R	
Surr: 2-Fluorobiphenyl	2.23	0	5	0	44.6	40 - 125	3.485	43.9	20	R	
Surr: 4-Terphenyl-d14	3.008	0	5	0	60.2	40 - 135	3.67	19.9	20		
Surr: Nitrobenzene-d5	2.16	0	5	0	43.2	41 - 120	3.195	38.7	20	R	

The following samples were analyzed in this batch:

HS25031224-01	HS25031224-02	HS25031224-03	HS25031224-04
HS25031224-05	HS25031224-06	HS25031224-07	HS25031224-08
HS25031224-09	HS25031224-10		

ALS Houston, US

Date: 31-Mar-25

Client: Permian Basin Environmental Lab, LP
Project: 5C21008
WorkOrder: HS25031224

**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: 31-Mar-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: 31-Mar-25

Sample Receipt Checklist

Work Order ID: HS25031224

Date/Time Received: 25-Mar-2025 09:00

Client Name: Permian Basin Lab

Received by: Paresh M. Giga

Completed By: /S/ Kaycee Rogers	26-Mar-2025 22:29	Reviewed by: /S/ Jessica Monfore	31-Mar-2025 15:07
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 2 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):	1.7UC/1.7C	IR 34
Cooler(s)/Kit(s):	WHITE	
Date/Time sample(s) sent to storage:	03/26/2025 2229	
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/> No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A <input checked="" 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: Brent Barron
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: brentbarron@pbelab.com

Project Name: SUBCONTRACT
Project #: _____
Project Loc: _____
PO #: _____
Report Format: Standard TRRP NPDES

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Preservation & # of Containers										Matrix		
						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		DW=Drinking Water S=Sludge	GW = Groundwater S=Soil/Solid
	5C21008-05			3/19/2025	15:32	2	X									X	W	X
	5C21008-06			3/19/2025	14:48	2	X									X	W	X
	5C21008-07			3/19/2025	14:16	2	X									X	W	X
	5C21008-08			3/19/2025	12:52	2	X									X	W	X
	5C21008-09			3/19/2025	12:21	2	X									X	W	X
	5C21008-10			3/19/2025	11:40	2	X									X	W	X
	5C21008-11			3/19/2025	10:59	2	X									X	W	X
	5C21008-12			3/19/2025	10:04	2	X									X	W	X



Permian Basin Environmental Lab, LP
5C21008
HS25031224

Please add tressa@pbelab.com to woa's.										Laboratory Comments: Sample Containers Intact? <input type="checkbox"/> Y <input type="checkbox"/> N VOCs Free of Headspace? <input type="checkbox"/> Y <input type="checkbox"/> N Labels on container(s) <input type="checkbox"/> Y <input type="checkbox"/> N Custody seals on container(s) <input type="checkbox"/> Y <input type="checkbox"/> N Custody seals on cooler(s) <input type="checkbox"/> Y <input type="checkbox"/> N Sample Hand Delivered <input type="checkbox"/> Y <input type="checkbox"/> N by Sampler/Client Rep. ? <input type="checkbox"/> Y <input type="checkbox"/> N by Courier? <input type="checkbox"/> UPS <input type="checkbox"/> DHL <input type="checkbox"/> FedEx <input type="checkbox"/> Lone Star									
Relinquished by:	3/24/2025	17:00	Received by:	Date		Time													
Brent Barron								<i>Cudera white sample 2RM 34 1.7 CFC 10</i>											
Relinquished by:	Date	Time	Received by:	Date		Time													
								<i>PGT 03/25/25 09:00</i>											
Relinquished by:	Date	Time	Received by:	Date		Time		Temperature Upon Receipt:											
								Received: °C											
								Adjusted: °C Factor											



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: Brent Barron
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-661-4184 Fax No: _____

Project Name: SUBCONTRACT
Project #: _____
Project Loc: _____
PO #: _____

Sampler Signature: N/A e-mail: brentbarron@pbelab.com

Report Format: Standard NPDES

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Preservation & # of Containers										Matrix				
						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	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Portable Specify Other	8270C PAH TL	
	5C21008-13			3/19/2025	9:18	2	X											X	W	X
	5C21008-14			3/19/2025	8:40	2	X											X	W	X



Permian Basin Environmental Lab, LP
5C21008
HS25031224

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	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Portable Specify Other	8270C PAH TL				
	5C21008-13			3/19/2025	9:18	2	X												X	W	X		
	5C21008-14			3/19/2025	8:40	2	X												X	W	X		

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

Relinquished by:	Date	Time	Received by:	Date	Time	Laboratory Comments:
Brent Barron	3/24/2025	17:00	<i>Coolera White</i>			Sample Containers Intact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N VOCs Free of Headspace? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Labels on container(s) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Custody seals on container(s) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Custody seals on cooler(s) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sample Hand Delivered <input checked="" type="checkbox"/> Y <input type="checkbox"/> N by Sampler/Client Rep. ? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N by Courier? <input type="checkbox"/> UPS <input type="checkbox"/> DHL <input type="checkbox"/> FedEx <input type="checkbox"/> Lone Star
			<i>PGT</i>	<i>03/25/25</i>	<i>09:00</i>	Temperature Upon Receipt: Received: _____ °C Adjusted: _____ °C Factor

ORIGIN ID:MAFA (432) 896-7235
TRESSA BLEDSOE
PERMAN BASIN ENVIRONMENTAL LAB, LP
1400 PARKIN HWY
MIDLAND, TX 79701

SHIP DATE: 24MAR25
ACTWGT: 60.00 LB
CAG: 10713864INNET4535
DMS: 2812X13 IN
BILL RECEIPT

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

HOUSTON TX 77099
REF: (281) 530-5615

DEPT:

58C13/5027/C6C4

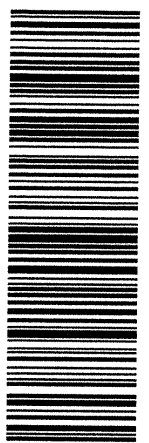


TRK# 8800 2998 0765
0201

TUE - 25 MAR 5:00P
STANDARD OVERNIGHT

AB SGRA

77099
TX-US IAH



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**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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
Location: LEA COUNTY, NM
Lab Order Number: 5F18014



Current Certification

Report Date: 06/24/25

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

Project: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-41	5F18014-01	Water	06/16/25 15:41	06-18-2025 12:14
MW-39	5F18014-02	Water	06/16/25 15:29	06-18-2025 12:14
MW-40	5F18014-03	Water	06/16/25 13:23	06-18-2025 12:14
MW-38	5F18014-04	Water	06/16/25 13:31	06-18-2025 12:14
MW-33A	5F18014-05	Water	06/16/25 15:15	06-18-2025 12:14
MW-19A	5F18014-06	Water	06/16/25 12:11	06-18-2025 12:14
MW-27A	5F18014-07	Water	06/16/25 13:04	06-18-2025 12:14
MW-16A	5F18014-08	Water	06/16/25 14:20	06-18-2025 12:14
MW-14A	5F18014-09	Water	06/16/25 14:34	06-18-2025 12:14
MW-13A	5F18014-10	Water	06/16/25 11:26	06-18-2025 12:14
MW-24A	5F18014-11	Water	06/16/25 10:20	06-18-2025 12:14
MW-5A	5F18014-12	Water	06/16/25 07:34	06-18-2025 12:14
MW-31A	5F18014-13	Water	06/16/25 08:32	06-18-2025 12:14
MW-3A	5F18014-14	Water	06/16/25 09:31	06-18-2025 12:14

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

Project: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-41
5F18014-01 (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	P5F1908	06/19/25 09:22	06/20/25 01:15	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:15	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.2 %	80-120		P5F1908	06/19/25 09:22	06/20/25 01:15	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.7 %	80-120		P5F1908	06/19/25 09:22	06/20/25 01:15	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 01:15	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 01:15	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-39

5F18014-02 (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	P5F1908	06/19/25 09:22	06/20/25 01:37	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:37	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:37	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:37	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:37	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.0 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 01:37</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.9 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 01:37</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 01:37	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 01:37	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-40
5F18014-03 (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	P5F1908	06/19/25 09:22	06/20/25 01:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 01:58	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.9 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 01:58</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		94.8 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 01:58</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 01:58	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 01:58	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-38

5F18014-04 (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	P5F1908	06/19/25 09:22	06/20/25 02:20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 02:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 02:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 02:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 02:20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		90.7 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 02:20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		94.0 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 02:20</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 02:20	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 02:20	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-33A
5F18014-05 (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	P5F1908	06/19/25 09:22	06/20/25 02:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 02:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 02:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 02:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 02:42	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.3 %			P5F1908	06/19/25 09:22	06/20/25 02:42	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		94.2 %			P5F1908	06/19/25 09:22	06/20/25 02:42	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 02:42	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 02:42	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-19A
5F18014-06 (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	P5F1908	06/19/25 09:22	06/20/25 03:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 03:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 03:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 03:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 03:04	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		90.2 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 03:04</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.1 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 03:04</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 03:04	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 03:04	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-27A
5F18014-07 (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	P5F1908	06/19/25 09:22	06/20/25 04:09	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:09	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:09	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.6 %			P5F1908	06/19/25 09:22	06/20/25 04:09	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		94.4 %			P5F1908	06/19/25 09:22	06/20/25 04:09	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 04:09	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 04:09	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-16A
5F18014-08 (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	P5F1908	06/19/25 09:22	06/20/25 04:31	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:31	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:31	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:31	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.8 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 04:31</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		92.8 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 04:31</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 04:31	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 04:31	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-14A
5F18014-09 (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	P5F1908	06/19/25 09:22	06/20/25 04:53	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 04:53	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		90.7 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 04:53</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.2 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 04:53</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 04:53	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 04:53	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-13A
5F18014-10 (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	P5F1908	06/19/25 09:22	06/20/25 05:15	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:15	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.2 %			P5F1908	06/19/25 09:22	06/20/25 05:15	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.0 %			P5F1908	06/19/25 09:22	06/20/25 05:15	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 05:15	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 05:15	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-24A
5F18014-11 (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	P5F1908	06/19/25 09:22	06/20/25 05:37	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:37	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:37	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:37	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:37	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.2 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 05:37</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.5 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 05:37</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 05:37	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 05:37	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-5A
5F18014-12 (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	P5F1908	06/19/25 09:22	06/20/25 05:59	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:59	EPA 8021B	
Ethylbenzene	0.00104	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:59	EPA 8021B	
Xylene (o)	0.00107	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 05:59	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.8 %	80-120		P5F1908	06/19/25 09:22	06/20/25 05:59	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		91.9 %	80-120		P5F1908	06/19/25 09:22	06/20/25 05:59	EPA 8021B	
Total BTEX	0.00211	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 05:59	EPA 8021B	
Xylenes (total)	0.00107	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 05:59	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-31A
5F18014-13 (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	P5F1908	06/19/25 09:22	06/20/25 06:21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 06:21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 06:21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 06:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 06:21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.1 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 06:21</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		94.6 %			<i>P5F1908</i>	<i>06/19/25 09:22</i>	<i>06/20/25 06:21</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 06:21	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 06:21	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Brian Payton

MW-3A
5F18014-14 (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	P5F1908	06/19/25 09:22	06/20/25 06:43	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 06:43	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 06:43	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 06:43	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5F1908	06/19/25 09:22	06/20/25 06:43	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.9 %			P5F1908	06/19/25 09:22	06/20/25 06:43	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		94.0 %			P5F1908	06/19/25 09:22	06/20/25 06:43	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 06:43	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/19/25 09:22	06/20/25 06:43	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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 P5F1908 - * DEFAULT PREP *****

Blank (P5F1908-BLK1)

Prepared & Analyzed: 06/19/25

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	0.111		"	0.120		92.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.6	80-120			

LCS (P5F1908-BS1)

Prepared & Analyzed: 06/19/25

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0994	0.00100	"	0.100		99.4	80-120			
Ethylbenzene	0.0995	0.00100	"	0.100		99.5	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0952	0.00100	"	0.100		95.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		97.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	80-120			

LCS Dup (P5F1908-BSD1)

Prepared & Analyzed: 06/19/25

Benzene	0.102	0.00100	mg/L	0.100		102	80-120	0.692	20	
Toluene	0.0999	0.00100	"	0.100		99.9	80-120	0.502	20	
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120	1.08	20	
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120	0.204	20	
Xylene (o)	0.0958	0.00100	"	0.100		95.8	80-120	0.639	20	
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Calibration Blank (P5F1908-CCB1)

Prepared & Analyzed: 06/19/25

Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.130		"							
Xylene (p/m)	0.180		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.0	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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 P5F1908 - * DEFAULT PREP *****

Calibration Blank (P5F1908-CCB2)

Prepared: 06/19/25 Analyzed: 06/20/25

Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.100		"							
Xylene (p/m)	0.150		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.1	80-120			

Calibration Check (P5F1908-CCV1)

Prepared & Analyzed: 06/19/25

Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.111	0.00100	"	0.100		111	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)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.4	80-120			

Calibration Check (P5F1908-CCV2)

Prepared: 06/19/25 Analyzed: 06/20/25

Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Calibration Check (P5F1908-CCV3)

Prepared: 06/19/25 Analyzed: 06/20/25

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.0978	0.00100	"	0.100		97.8	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0992	0.00100	"	0.100		99.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 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 P5F1908 - * DEFAULT PREP *****

Matrix Spike (P5F1908-MS1)	Source: 5F18013-05			Prepared: 06/19/25		Analyzed: 06/20/25				
Benzene	0.100	0.00100	mg/L	0.100	ND	100	80-120			
Toluene	0.0958	0.00100	"	0.100	ND	95.8	80-120			
Ethylbenzene	0.0964	0.00100	"	0.100	ND	96.4	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200	ND	96.6	80-120			
Xylene (o)	0.0910	0.00100	"	0.100	ND	91.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.4	80-120			

Matrix Spike Dup (P5F1908-MSD1)	Source: 5F18013-05			Prepared: 06/19/25		Analyzed: 06/20/25				
Benzene	0.102	0.00100	mg/L	0.100	ND	102	80-120	1.63	20	
Toluene	0.0968	0.00100	"	0.100	ND	96.8	80-120	1.06	20	
Ethylbenzene	0.0971	0.00100	"	0.100	ND	97.1	80-120	0.713	20	
Xylene (p/m)	0.196	0.00200	"	0.200	ND	98.0	80-120	1.39	20	
Xylene (o)	0.0923	0.00100	"	0.100	ND	92.3	80-120	1.40	20	
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
Project Manager: Brian Payton

Notes and Definitions

- ROI Received on Ice
- 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: 6/24/2025

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 Name: Moore to Jal #1 (MTJ1)

Project #: Plains All American Pipeline

Project Loc: Lea County, NM

PO #: SRS# 2002-10270

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: _____

Report Format: Standard TRRP NPDES

Sampler Signature: *Bartlett Madley* e-mail: bpayton@talonlpe.com

(lab use only)

ORDER #: 5F18014

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

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

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
	MW-41			6-16-25	3:41		3	3								GW						X	X
	MW-39			6-16-25	3:29		3	3								GW						X	X
	MW-40			6-16-25	1:23		3	3								GW						X	X
	MW-38			6-16-25	1:31		3	3								GW						X	X
	MW-33A			6-16-25	3:15		3	3								GW						X	X
	MW-19A			6-16-25	12:11		3	3								GW						X	X
	MW-27A			6-16-25	1:04		3	3								GW						X	X
	MW-16A			6-16-25	2:20		3	3								GW						X	X
	MW-14A			6-16-25	2:34		3	3								GW						X	X
	MW-13A			6-16-25	11:26		3	3								GW						X	X

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

Relinquished by: *Bartlett Madley* Date: *6/18/25* Time: *12:14* Received by: _____ Date: _____ Time: _____

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

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

PBBL_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
by Counter? UPS DHL FedEx Lone Star
Temperature Upon Receipt: _____ °C Thermometer: _____
Adjusted: 2.0 °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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
Location: LEA COUNTY, NM
Lab Order Number: 5113001



Current Certification

Report Date: 09/18/25

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

Project: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-41	5113001-01	Water	09/12/25 16:04	09-13-2025 07:40
MW-39	5113001-02	Water	09/12/25 15:44	09-13-2025 07:40
MW-40	5113001-03	Water	09/12/25 09:30	09-13-2025 07:40
MW-38	5113001-04	Water	09/12/25 09:55	09-13-2025 07:40
MW-33A	5113001-05	Water	09/12/25 15:27	09-13-2025 07:40
MW-19A	5113001-06	Water	09/12/25 10:34	09-13-2025 07:40
MW-27A	5113001-07	Water	09/12/25 10:13	09-13-2025 07:40
MW-16A	5113001-08	Water	09/12/25 09:48	09-13-2025 07:40
MW-14A	5113001-09	Water	09/12/25 09:19	09-13-2025 07:40
MW-13A	5113001-10	Water	09/12/25 11:38	09-13-2025 07:40
MW-24A	5113001-11	Water	09/12/25 12:34	09-13-2025 07:40
MW-5A	5113001-12	Water	09/12/25 14:32	09-13-2025 07:40
MW-3A	5113001-13	Water	09/12/25 13:30	09-13-2025 07:40

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

Project: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-41
5113001-01 (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	P511509	09/15/25 13:28	09/15/25 21:24	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 21:24	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 21:24	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511509	09/15/25 13:28	09/15/25 21:24	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 21:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.1 %	80-120		P511509	09/15/25 13:28	09/15/25 21:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.5 %	80-120		P511509	09/15/25 13:28	09/15/25 21:24	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 21:24	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 21:24	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-39
5113001-02 (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	P511509	09/15/25 13:28	09/15/25 21:46	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 21:46	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 21:46	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511509	09/15/25 13:28	09/15/25 21:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 21:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.0 %			P511509	09/15/25 13:28	09/15/25 21:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.8 %			P511509	09/15/25 13:28	09/15/25 21:46	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 21:46	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 21:46	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-40
5113001-03 (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	P511509	09/15/25 13:28	09/15/25 22:08	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:08	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %			P511509	09/15/25 13:28	09/15/25 22:08	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.4 %			P511509	09/15/25 13:28	09/15/25 22:08	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 22:08	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 22:08	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-38
5113001-04 (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	P511509	09/15/25 13:28	09/15/25 22:30	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:30	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:30	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.9 %			<i>P511509</i>	<i>09/15/25 13:28</i>	<i>09/15/25 22:30</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.9 %			<i>P511509</i>	<i>09/15/25 13:28</i>	<i>09/15/25 22:30</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 22:30	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 22:30	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-33A
5113001-05 (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	P511509	09/15/25 13:28	09/15/25 22:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 22:51	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %			<i>P511509</i>	<i>09/15/25 13:28</i>	<i>09/15/25 22:51</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.6 %			<i>P511509</i>	<i>09/15/25 13:28</i>	<i>09/15/25 22:51</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 22:51	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 22:51	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-19A
5113001-06 (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	P511509	09/15/25 13:28	09/15/25 23:13	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %			P511509	09/15/25 13:28	09/15/25 23:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.9 %			P511509	09/15/25 13:28	09/15/25 23:13	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 23:13	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 23:13	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-27A
5113001-07 (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	P511509	09/15/25 13:28	09/15/25 23:35	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:35	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:35	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:35	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:35	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.1 %			<i>P511509</i>	<i>09/15/25 13:28</i>	<i>09/15/25 23:35</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.6 %			<i>P511509</i>	<i>09/15/25 13:28</i>	<i>09/15/25 23:35</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 23:35	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 23:35	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-16A
5113001-08 (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	P511509	09/15/25 13:28	09/15/25 23:57	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/15/25 23:57	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.8 %			<i>P511509</i>	<i>09/15/25 13:28</i>	<i>09/15/25 23:57</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.5 %			<i>P511509</i>	<i>09/15/25 13:28</i>	<i>09/15/25 23:57</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 23:57	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/15/25 23:57	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-14A
5113001-09 (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	P511509	09/15/25 13:28	09/16/25 00:19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/16/25 00:19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/16/25 00:19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511509	09/15/25 13:28	09/16/25 00:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511509	09/15/25 13:28	09/16/25 00:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.9 %		80-120		P511509	09/15/25 13:28	09/16/25 00:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.6 %		80-120		P511509	09/15/25 13:28	09/16/25 00:19	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/16/25 00:19	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/15/25 13:28	09/16/25 00:19	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-13A
5113001-10 (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	ND	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 19:38	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 19:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 19:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511734	09/17/25 16:23	09/17/25 19:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 19:38	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %			P511734	09/17/25 16:23	09/17/25 19:38	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		100 %			P511734	09/17/25 16:23	09/17/25 19:38	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/17/25 16:23	09/17/25 19:38	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/17/25 16:23	09/17/25 19:38	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-24A
5113001-11 (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	0.0151	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:00	EPA 8021B	
Toluene	0.00354	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:00	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:00	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:00	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.9 %	80-120		P511734	09/17/25 16:23	09/17/25 20:00	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.2 %	80-120		P511734	09/17/25 16:23	09/17/25 20:00	EPA 8021B	
Total BTEX	0.0187	0.00100	mg/L	1	[CALC]	09/17/25 16:23	09/17/25 20:00	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/17/25 16:23	09/17/25 20:00	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-5A
5113001-12 (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	0.00149	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.0 %			<i>P511734</i>	<i>09/17/25 16:23</i>	<i>09/17/25 20:21</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.1 %			<i>P511734</i>	<i>09/17/25 16:23</i>	<i>09/17/25 20:21</i>	<i>EPA 8021B</i>	
Total BTEX	0.00149	0.00100	mg/L	1	[CALC]	09/17/25 16:23	09/17/25 20:21	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/17/25 16:23	09/17/25 20:21	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-3A
5113001-13 (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	0.655	0.0100	mg/L	10	P511734	09/17/25 16:23	09/18/25 10:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:43	EPA 8021B	
Ethylbenzene	0.00188	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:43	EPA 8021B	
Xylene (p/m)	0.0298	0.00200	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:43	EPA 8021B	
Xylene (o)	0.0142	0.00100	mg/L	1	P511734	09/17/25 16:23	09/17/25 20:43	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.2 %		80-120	P511734	09/17/25 16:23	09/17/25 20:43	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		103 %		80-120	P511734	09/17/25 16:23	09/17/25 20:43	EPA 8021B	
Total BTEX	0.701	0.00100	mg/L	10	[CALC]	09/17/25 16:23	09/18/25 10:42	EPA 8021B	
Xylenes (total)	0.0441	0.00100	mg/L	1	[CALC]	09/17/25 16:23	09/17/25 20:43	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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 P5I1509 - * DEFAULT PREP *****

Blank (P5I1509-BLK1)

Prepared & Analyzed: 09/15/25

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	0.117		"	0.120		97.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.2	80-120			

LCS (P5I1509-BS1)

Prepared & Analyzed: 09/15/25

Benzene	0.0927	0.00100	mg/L	0.100		92.7	80-120		20	
Toluene	0.0979	0.00100	"	0.100		97.9	80-120		20	
Ethylbenzene	0.0995	0.00100	"	0.100		99.5	80-120		20	
Xylene (p/m)	0.198	0.00200	"	0.200		99.1	80-120		20	
Xylene (o)	0.0933	0.00100	"	0.100		93.3	80-120		20	
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

LCS Dup (P5I1509-BS1)

Prepared & Analyzed: 09/15/25

Benzene	0.0897	0.00100	mg/L	0.100		89.7	80-120	3.33	20	
Toluene	0.0956	0.00100	"	0.100		95.6	80-120	2.38	20	
Ethylbenzene	0.0962	0.00100	"	0.100		96.2	80-120	3.29	20	
Xylene (p/m)	0.194	0.00200	"	0.200		96.8	80-120	2.34	20	
Xylene (o)	0.0898	0.00100	"	0.100		89.8	80-120	3.82	20	
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

Calibration Blank (P5I1509-CCB1)

Prepared & Analyzed: 09/15/25

Benzene	0.130		ug/l							
Toluene	0.310		"							
Ethylbenzene	0.490		"							
Xylene (p/m)	1.06		"							
Xylene (o)	0.490		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.1	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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 P5I1509 - * DEFAULT PREP *****

Calibration Blank (P5I1509-CCB2)

Prepared & Analyzed: 09/15/25

Benzene	0.140		ug/l							
Toluene	0.320		"							
Ethylbenzene	0.550		"							
Xylene (p/m)	1.32		"							
Xylene (o)	0.680		"							
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Check (P5I1509-CCV1)

Prepared & Analyzed: 09/15/25

Benzene	0.0929	0.00100	mg/L	0.100		92.9	80-120			
Toluene	0.0974	0.00100	"	0.100		97.4	80-120			
Ethylbenzene	0.0975	0.00100	"	0.100		97.5	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		99.8	80-120			
Xylene (o)	0.0956	0.00100	"	0.100		95.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Check (P5I1509-CCV2)

Prepared & Analyzed: 09/15/25

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	80-120			

Calibration Check (P5I1509-CCV3)

Prepared: 09/15/25 Analyzed: 09/16/25

Benzene	0.0959	0.00100	mg/L	0.100		95.9	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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 P5I1509 - * DEFAULT PREP *****

Matrix Spike (P5I1509-MS1)	Source: 5I12010-15			Prepared: 09/15/25 Analyzed: 09/16/25						
Benzene	0.0931	0.00100	mg/L	0.100	ND	93.1	80-120		20	
Toluene	0.100	0.00100	"	0.100	ND	100	80-120		20	
Ethylbenzene	0.101	0.00100	"	0.100	ND	101	80-120		20	
Xylene (p/m)	0.202	0.00200	"	0.200	ND	101	80-120		20	
Xylene (o)	0.0956	0.00100	"	0.100	ND	95.6	80-120		20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

Matrix Spike Dup (P5I1509-MSD1)	Source: 5I12010-15			Prepared: 09/15/25 Analyzed: 09/16/25						
Benzene	0.0969	0.00100	mg/L	0.100	ND	96.9	80-120	3.98	20	
Toluene	0.106	0.00100	"	0.100	ND	106	80-120	6.02	20	
Ethylbenzene	0.106	0.00100	"	0.100	ND	106	80-120	4.90	20	
Xylene (p/m)	0.215	0.00200	"	0.200	ND	108	80-120	6.10	20	
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120	5.13	20	
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		101	80-120			

Batch P5I1734 - * DEFAULT PREP *****

Blank (P5I1734-BLK1)	Prepared & Analyzed: 09/17/25									
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	0.120		"	0.120		99.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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 P511734 - * DEFAULT PREP *****

LCS (P511734-BS1)

Prepared & Analyzed: 09/17/25

Benzene	0.0898	0.00100	mg/L	0.100		89.8	80-120		20	
Toluene	0.0952	0.00100	"	0.100		95.2	80-120		20	
Ethylbenzene	0.0959	0.00100	"	0.100		95.9	80-120		20	
Xylene (p/m)	0.191	0.00200	"	0.200		95.5	80-120		20	
Xylene (o)	0.0894	0.00100	"	0.100		89.4	80-120		20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			

LCS Dup (P511734-BSD1)

Prepared & Analyzed: 09/17/25

Benzene	0.0904	0.00100	mg/L	0.100		90.4	80-120	0.777	20	
Toluene	0.0959	0.00100	"	0.100		95.9	80-120	0.795	20	
Ethylbenzene	0.0979	0.00100	"	0.100		97.9	80-120	2.07	20	
Xylene (p/m)	0.197	0.00200	"	0.200		98.7	80-120	3.34	20	
Xylene (o)	0.0913	0.00100	"	0.100		91.3	80-120	2.07	20	
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			

Calibration Blank (P511734-CCB1)

Prepared & Analyzed: 09/17/25

Benzene	0.120		ug/l							
Toluene	0.290		"							
Ethylbenzene	0.590		"							
Xylene (p/m)	1.30		"							
Xylene (o)	0.480		"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		97.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

Calibration Check (P511734-CCV1)

Prepared & Analyzed: 09/17/25

Benzene	0.0930	0.00100	mg/L	0.100		93.0	80-120			
Toluene	0.0999	0.00100	"	0.100		99.9	80-120			
Ethylbenzene	0.0992	0.00100	"	0.100		99.2	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0958	0.00100	"	0.100		95.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.3	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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 P5I1734 - * DEFAULT PREP *****

Calibration Check (P5I1734-CCV2)

Prepared & Analyzed: 09/17/25

Benzene	0.0920	0.00100	mg/L	0.100		92.0	80-120			
Toluene	0.0972	0.00100	"	0.100		97.2	80-120			
Ethylbenzene	0.0973	0.00100	"	0.100		97.3	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.5	80-120			
Xylene (o)	0.0932	0.00100	"	0.100		93.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.3	80-120			

Matrix Spike (P5I1734-MS1)

Source: 5I13001-10

Prepared & Analyzed: 09/17/25

Benzene	0.0937	0.00100	mg/L	0.100	ND	93.7	80-120		20	
Toluene	0.0981	0.00100	"	0.100	ND	98.1	80-120		20	
Ethylbenzene	0.0982	0.00100	"	0.100	ND	98.2	80-120		20	
Xylene (p/m)	0.197	0.00200	"	0.200	ND	98.6	80-120		20	
Xylene (o)	0.0925	0.00100	"	0.100	ND	92.5	80-120		20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.3	80-120			

Matrix Spike Dup (P5I1734-MSD1)

Source: 5I13001-10

Prepared & Analyzed: 09/17/25

Benzene	0.0985	0.00100	mg/L	0.100	ND	98.5	80-120	5.07	20	
Toluene	0.103	0.00100	"	0.100	ND	103	80-120	4.87	20	
Ethylbenzene	0.105	0.00100	"	0.100	ND	105	80-120	6.63	20	
Xylene (p/m)	0.211	0.00200	"	0.200	ND	105	80-120	6.51	20	
Xylene (o)	0.0970	0.00100	"	0.100	ND	97.0	80-120	4.80	20	
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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.
- 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: 9/18/2025

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

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No.:

Sampler Signature:

(lab use only)

ORDER #: 5I13001

Project Name: Moore to Jal #1 (MTJ1)

Project #: Plains All American Pipeline

Project Loc: Lea County, NM

PO #: SRS# 2002-10270

Report Format: Standard TRRP NPDES

e-mail: kweichert@talonpe.com

Analyze For:

TCLP:

TOTAL:

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

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Preservation & # of Containers										Matrix	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	
							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
1	MW-41			9-12-25	4:04	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	X	X
2	MW-39			9-12-25	3:44	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	X	X
3	MW-40			9-12-25	9:30	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	X	X
4	MW-38			9-12-25	9:55	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	X	X
5	MW-33A			9-12-25	3:27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	X	X
6	MW-19A			9-12-25	10:34	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	X	X
7	MW-21A			9-12-25	10:13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	X	X
8	MW-16A			9-12-25	9:48	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	X	X
9	MW-14A			9-12-25	9:19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	X	X
10	MW-13A			9-12-25	11:38	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	X	X

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

Relinquished by: Bartlett Medley

Relinquished by: Bartlett Medley

Relinquished by: Bartlett Medley

Relinquished by: Bartlett Medley

Relinquished by: Bartlett Medley

Relinquished by: Bartlett Medley

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: 38 °C Thermometer: N
Adjusted: 38 °C Factor: N

**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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
Location: LEA COUNTY, NM
Lab Order Number: 5L08009



Current Certification

Report Date: 12/10/25

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

Project: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-31A	5L08009-01	Water	12/04/25 10:29	12-08-2025 08:07
MW-9A	5L08009-02	Water	12/04/25 11:34	12-08-2025 08:07
MW-41	5L08009-03	Water	12/05/25 07:33	12-08-2025 08:07
MW-40	5L08009-04	Water	12/05/25 08:22	12-08-2025 08:07
MW-14A	5L08009-05	Water	12/05/25 08:58	12-08-2025 08:07
MW-27A	5L08009-06	Water	12/05/25 09:32	12-08-2025 08:07
MW-19A	5L08009-07	Water	12/05/25 10:06	12-08-2025 08:07
MW-5A	5L08009-08	Water	12/05/25 11:15	12-08-2025 08:07
MW-16A	5L08009-09	Water	12/05/25 11:46	12-08-2025 08:07
MW-3A	5L08009-10	Water	12/05/25 12:45	12-08-2025 08:07
MW-13A	5L08009-11	Water	12/05/25 13:34	12-08-2025 08:07
MW-24A	5L08009-12	Water	12/05/25 14:22	12-08-2025 08:07
MW-33A	5L08009-13	Water	12/05/25 15:36	12-08-2025 08:07
MW-39	5L08009-14	Water	12/05/25 16:01	12-08-2025 08:07

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

Project: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-31A
5L08009-01 (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	P5L0905	12/09/25 09:49	12/09/25 19:23	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 19:23	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 19:23	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 19:23	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 19:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.6 %	80-120		P5L0905	12/09/25 09:49	12/09/25 19:23	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.7 %	80-120		P5L0905	12/09/25 09:49	12/09/25 19:23	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 19:23	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 19:23	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-9A
5L08009-02 (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	0.00282	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 19:45	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 19:45	EPA 8021B	
Ethylbenzene	0.0178	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 19:45	EPA 8021B	
Xylene (p/m)	0.0317	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 19:45	EPA 8021B	
Xylene (o)	0.0151	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 19:45	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.8 %	80-120		P5L0905	12/09/25 09:49	12/09/25 19:45	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		95.9 %	80-120		P5L0905	12/09/25 09:49	12/09/25 19:45	EPA 8021B	
Total BTEX	0.0675	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 19:45	EPA 8021B	
Xylenes (total)	0.0468	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 19:45	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-41
5L08009-03 (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	P5L0905	12/09/25 09:49	12/09/25 20:08	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:08	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.8 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 20:08</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		97.4 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 20:08</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 20:08	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 20:08	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-40
5L08009-04 (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	P5L0905	12/09/25 09:49	12/09/25 20:30	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:30	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:30	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.7 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 20:30</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		96.6 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 20:30</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 20:30	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 20:30	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-14A
5L08009-05 (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	P5L0905	12/09/25 09:49	12/09/25 20:52	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:52	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:52	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:52	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 20:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.8 %		80-120		P5L0905	12/09/25 09:49	12/09/25 20:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.2 %		80-120		P5L0905	12/09/25 09:49	12/09/25 20:52	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 20:52	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 20:52	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-27A
5L08009-06 (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	P5L0905	12/09/25 09:49	12/09/25 21:14	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:14	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.3 %			P5L0905	12/09/25 09:49	12/09/25 21:14	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		94.9 %			P5L0905	12/09/25 09:49	12/09/25 21:14	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 21:14	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 21:14	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-19A
5L08009-07 (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	P5L0905	12/09/25 09:49	12/09/25 21:37	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:37	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:37	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:37	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:37	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.9 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 21:37</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		96.5 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 21:37</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 21:37	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 21:37	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-5A
5L08009-08 (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	P5L0905	12/09/25 09:49	12/09/25 21:59	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 21:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.5 %			P5L0905	12/09/25 09:49	12/09/25 21:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.3 %			P5L0905	12/09/25 09:49	12/09/25 21:59	EPA 8021B	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 21:59	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 21:59	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-16A
5L08009-09 (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	P5L0905	12/09/25 09:49	12/09/25 23:06	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:06	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:06	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:06	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:06	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.9 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 23:06</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		95.5 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 23:06</i>	<i>EPA 8021B</i>	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 23:06	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 23:06	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-3A
5L08009-10 (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	2.40	0.0100	mg/L	10	P5L0905	12/09/25 09:49	12/10/25 10:06	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:28	EPA 8021B	
Ethylbenzene	0.00177	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:28	EPA 8021B	
Xylene (p/m)	0.0648	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:28	EPA 8021B	
Xylene (o)	0.0216	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:28	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>94.2 %</i>	<i>80-120</i>			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 23:28</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>109 %</i>	<i>80-120</i>			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 23:28</i>	<i>EPA 8021B</i>	
Total BTEX	2.49	0.00100	mg/L	10	[CALC]	12/09/25 09:49	12/10/25 10:06	EPA 8021B	
Xylenes (total)	0.0864	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 23:28	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-13A
5L08009-11 (Water)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0152	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:50	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:50	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:50	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:50	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/09/25 23:50	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.5 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 23:50</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		100 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/09/25 23:50</i>	<i>EPA 8021B</i>	
Total BTEX	0.0152	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 23:50	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/09/25 23:50	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-24A
5L08009-12 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
Benzene	0.0794	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:12	EPA 8021B	
Toluene	0.00995	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:12	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.5 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/10/25 00:12</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		102 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/10/25 00:12</i>	<i>EPA 8021B</i>	
Total BTEX	0.0893	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/10/25 00:12	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/10/25 00:12	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-33A
5L08009-13 (Water)

Permian Basin Environmental Lab, L.P.

Organics by GC

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
Benzene	0.00477	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:35	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:35	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:35	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:35	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:35	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.1 %	80-120		P5L0905	12/09/25 09:49	12/10/25 00:35	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		97.4 %	80-120		P5L0905	12/09/25 09:49	12/10/25 00:35	EPA 8021B	
Total BTEX	0.00477	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/10/25 00:35	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/10/25 00:35	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: Moore to Jal #1 (MTJ1)
 Project Number: SRS#2002-10270
 Project Manager: Kevin Weichert

MW-39

5L08009-14 (Water)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00253	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:57	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P5L0905	12/09/25 09:49	12/10/25 00:57	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.6 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/10/25 00:57</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		97.9 %			<i>P5L0905</i>	<i>12/09/25 09:49</i>	<i>12/10/25 00:57</i>	<i>EPA 8021B</i>	
Total BTEX	0.00253	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/10/25 00:57	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/09/25 09:49	12/10/25 00:57	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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 P5L0905 - * DEFAULT PREP *****

Blank (P5L0905-BLK1)

Prepared & Analyzed: 12/09/25

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		95.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.3	80-120			

LCS (P5L0905-BS1)

Prepared & Analyzed: 12/09/25

Benzene	0.118	0.00100	mg/L	0.100		118	80-120		20	
Toluene	0.123	0.00100	"	0.100		123	80-120		20	L1
Ethylbenzene	0.123	0.00100	"	0.100		123	80-120		20	L1
Xylene (p/m)	0.261	0.00200	"	0.200		131	80-120		20	L1
Xylene (o)	0.120	0.00100	"	0.100		120	80-120		20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.9	80-120			

LCS Dup (P5L0905-BSD1)

Prepared & Analyzed: 12/09/25

Benzene	0.110	0.00100	mg/L	0.100		110	80-120	7.72	20	
Toluene	0.111	0.00100	"	0.100		111	80-120	10.5	20	
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120	10.6	20	
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120	8.62	20	
Xylene (o)	0.108	0.00100	"	0.100		108	80-120	10.2	20	
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Blank (P5L0905-CCB1)

Prepared & Analyzed: 12/09/25

Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.190		"							
Xylene (p/m)	0.370		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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 P5L0905 - * DEFAULT PREP *****

Calibration Blank (P5L0905-CCB2)

Prepared & Analyzed: 12/09/25

Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.120		"							
Xylene (p/m)	0.230		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

Calibration Check (P5L0905-CCV1)

Prepared & Analyzed: 12/09/25

Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.123	0.00100	"	0.100		123	80-120			CCV2
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.260	0.00200	"	0.200		130	80-120			CCV2
Xylene (o)	0.121	0.00100	"	0.100		121	80-120			CCV2
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Check (P5L0905-CCV2)

Prepared & Analyzed: 12/09/25

Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Check (P5L0905-CCV3)

Prepared: 12/09/25 Analyzed: 12/10/25

Benzene	0.116	0.00100	mg/L	0.100		116	80-120			
Toluene	0.126	0.00100	"	0.100		126	80-120			CCV2
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.257	0.00200	"	0.200		128	80-120			CCV2
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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 P5L0905 - * DEFAULT PREP *****

Matrix Spike (P5L0905-MS1)	Source: 5L08013-01			Prepared: 12/09/25 Analyzed: 12/10/25						
Benzene	0.112	0.00100	mg/L	0.100	0.00147	110	80-120		20	
Toluene	0.122	0.00100	"	0.100	0.00525	116	80-120		20	
Ethylbenzene	0.119	0.00100	"	0.100	0.00289	117	80-120		20	
Xylene (p/m)	0.247	0.00200	"	0.200	0.00384	122	80-120		20	QM-05
Xylene (o)	0.112	0.00100	"	0.100	0.00179	110	80-120		20	
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Matrix Spike Dup (P5L0905-MSD1)	Source: 5L08013-01			Prepared: 12/09/25 Analyzed: 12/10/25						
Benzene	0.125	0.00100	mg/L	0.100	0.00147	124	80-120	11.4	20	QM-05
Toluene	0.136	0.00100	"	0.100	0.00525	130	80-120	11.3	20	QM-05
Ethylbenzene	0.132	0.00100	"	0.100	0.00289	129	80-120	10.1	20	QM-05
Xylene (p/m)	0.272	0.00200	"	0.200	0.00384	134	80-120	9.77	20	QM-05
Xylene (o)	0.125	0.00100	"	0.100	0.00179	123	80-120	11.2	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	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: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
Project Manager: Kevin Weichert

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.
- NPBEL C Chain of Custody was not generated at PBELAB
- L1 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte results may be biased high.
- CCV2 CCV recovery was above the acceptance limits. Analyte results may be biased high.
- 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: 12/10/2025

Raland Tuttle, Laboratory Manager/Technical Director

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

Project: Moore to Jal #1 (MTJ1)
Project Number: SRS#2002-10270
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.

City/State/Zip: Artesia, NM 88210

Telephone No: 307-251-2529

Sampler Signature: *[Signature]*

(lab use only)

ORDER #: 5108009

Fax No: _____
e-mail: kweichert@talonlpe.com

Report Format: Standard TRRP NPDES

Project Name: Moore to Jal #1 (MTJ1)

Project #: Plains All American Pipeline

Project Loc: Lea County, NM

PO #: SRS# 2002-10270

Analyze For:

TCLP:	
TOTAL:	

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	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
1	MW-31A			12/4/25	10:29 am		3									GW			X		
2	MW-9A			12/4/25	11:34 am		3														
3	MW-41			12/3/25	07:33 am																
4	MW-40				08:22 am																
5	MW-14A				08:58 am																
6	MW-27A				09:32 am																
7	MW-19A				10:06 am																
8	MW-5A				11:15 am																
9	MW-16A				11:46 am																

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

Relinquished by: <i>[Signature]</i>	Date: 12/3/25	Time: 15:00	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____

Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: 12/8/25	Time: 8:07
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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: Moore to Jal #1 (MTJ1)

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# 2002-10270

Telephone No: 307-251-2529

Fax No: _____

Report Format: Standard

TRRP

NPDES

Sampler Signature: *[Signature]*

e-mail: kweichert@talonlpe.com

(lab use only)

Analyze For:

ORDER #: 5U08009

Preservation & # of Containers

Matrix

TCLP:

TOTAL:

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

LAB # (lab use only)

FIELD CODE

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

Standard TAT

LAB #	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	TCLP:	TOTAL:	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT		
10	MW-3A			12/5/25	12:14 PM		3	3								GW							X		
11	MW-13A				1:34 PM																				
12	MW-24A				2:22 PM																				
13	MW-14A MW-33A				3:36																				
14	MW-39				4:01																				

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

Laboratory Comments:

Sample Containers Intact? N
VOCs Free of Headspace? N
Labels on container(s) N
Custody seals on container(s) N
Custody seals on cooler(s) N
Sample Hand Delivered by Sampler/Client Rep.? N
by Counter? UPS DHL FedEx Lone Star
Temperature Upon Receipt: °C Thermometer:
Adjusted: 5.0 °C Factor: N

Disinquired by: *[Signature]* Date: 12/3/25 Time: 15:20

Disinquired by: _____ Date: _____ Time: _____

Disinquired by: _____ Date: _____ Time: _____

Disinquired by: _____ Date: _____ Time: _____

Received by: _____

Received by: _____

Received by: _____

Received by: _____

Date: 12/8/25

Date: _____

Date: _____

Date: _____

Time: 8:07

Time: _____

Time: _____

Time: _____

PBEL_COC_2021_1

Revision #: 2021_1

Effective Date: 9-21-21

Page 2 of 2



APPENDIX D

MDPE Report



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Mobile Dual Phase Extraction (MDPE) Report

Moore to Jal #1 Pipeline

Lea County, New Mexico

SRS # 2002-10270

NMOCD# AP-091

2025 MDPE Events

Prepared For:

Plains Pipeline, L.P.

333 Clay Street

Suite 1600

Houston, Texas 77002

Prepared By:

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921 N. Bivins Street

Amarillo, Texas 79107

Distribution:

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Copy 2 - Plains Pipeline, L.P. - Houston

December 15, 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 four (4) 24-hour Mobile Dual Phase Extraction (MDPE) events conducted during 2025 at the Moore to Jal #1 Pipeline 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 four (4) days of PSH recovery was performed on MW-8 and/or MW-32 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 4. 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 was 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 **329.96 equivalent gallons of hydrocarbons (total)** were removed during the events. The combined volume of hydrocarbons removed was comprised of approximately **39.31 gallons of PSH (liquid phase)** and approximately **290.65 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 **220.33 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 27,360 ppmv for Hydrocarbon Composition. Laboratory analytical results can be found in [Attachment 2](#).

C. Waste Management and Disposition

A cumulative total of 196.3 gallons of fluid were generated during these events. The fluids were temporarily transferred to an on-site storage tank 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 3/5/2025

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)
15:30	1	68	15	204.14	86.9	230.68	2127	27080	27080	1.00	27080	33.24	28.66	28.66	28.66
16:30	1	68	15	204.14	87.4	231.34	2107	-	27080	0.99	26825	32.92	28.47	28.47	57.13
17:30	1	60	15	204.14	88.2	234.18	2096	-	27080	0.99	26685	33.26	29.11	29.11	86.25
18:30	1	54	15	204.14	88.5	235.94	2074	-	27080	0.98	26405	33.29	29.36	29.36	115.61
19:30	1	52	15	204.14	90.3	238.80	2083	-	27080	0.98	26520	33.57	29.97	29.97	145.58
20:30	1	50	15	204.14	90.5	239.53	2065	-	27080	0.97	26291	33.41	29.91	29.91	175.49
21:30	1	48	15	204.14	90.1	239.47	2011	-	22290	0.99	22092	27.78	24.87	24.87	200.36
22:30	1	46	15	204.14	90.4	240.34	2046	-	22290	1.01	22477	28.38	25.50	25.50	225.86
23:30	1	44	15	204.14	90.5	240.95	2057	-	22290	1.01	22598	28.65	25.80	25.80	251.66
0:30	1	44	15	204.14	90.0	240.28	2041	-	22290	1.01	22422	28.42	25.53	25.53	277.19
1:30	1	44	15	204.14	90.1	240.42	2036	-	22290	1.00	22367	28.35	25.48	25.48	302.68
2:30	1	44	15	204.14	90.4	240.82	2029	22290	22290	1.00	22290	28.26	25.44	25.44	328.11
3:30	1	44	15	204.14	90.6	241.08	2011	-	22290	0.99	22092	28.00	25.24	25.24	353.35
4:30	1	44	15	204.14	90.8	241.35	2001	-	22290	0.99	21982	27.87	25.14	25.14	378.49
5:30	1	44	15	204.14	90.7	241.22	1984	-	22290	0.98	21796	27.63	24.91	24.91	403.40
6:30	1	44	15	204.14	90.5	240.95	1996	-	22290	0.98	21927	27.80	25.04	25.04	428.44
7:30	1	44	15	204.14	90.3	240.68	2009	-	22290	0.99	22070	27.98	25.17	25.17	453.61
8:30	1	48	15	204.14	90.9	240.53	1981	-	22290	0.98	21763	27.37	24.61	24.61	478.22
9:30	1	52	14	190.53	91.8	248.69	1964	-	27360	1.01	27727	35.25	32.77	32.77	510.99
10:30	1	58	14	190.53	91.2	246.44	1943	-	27360	1.00	27431	34.46	31.75	31.75	542.74
11:30	1	64	14	190.53	90.8	244.48	1960	-	27360	1.01	27671	34.37	31.41	31.41	574.15
12:30	1	64	14	190.53	90.5	244.08	1949	-	27360	1.01	27515	34.17	31.18	31.18	605.33
13:30	1	64	14	190.53	90.9	244.62	1938	27360	27360	1.00	27360	33.98	31.07	31.07	636.40
14:30	1	64	14	190.53	91.2	245.02	1926	-	27360	0.99	27191	33.77	30.93	30.93	667.33
Averages:		52.33	14.75	200.73	90.15	240.50	2018.08					Total		667.33	

PSH Mass Recovered in Vapor Phase = **97.56** gallons

Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
27080	29.5243	1	0.0821	68	293.00	33.24

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 =	667.33 lbs 97.56 gallons
PSH Mass Recovered in Liquid Phase =	64.43 lbs 9.42 gallons
TOTAL =	731.77 lbs 106.98 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	9.42
PSH Mass in Pounds=	64.43

% Vol. (Wt. %) Hydrocarbon to ppmv - Influent 1				
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv
Methane (CH4)	16.04	0.074		740
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.004		40
N-Butane (C4H10)	58.12	0.043		430
Iso-Pentane (C4H12)	72.15	0.154		1540
N-Pentane (C4H12)	72.15	0.242		2420
Hexane+ (C6H14)	93.19	2.191		21910
Total				27080

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	92.772
Methane (CH4)	16.0425	0.136
Carbon Dioxide (CO2)	44.011	6.212
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.002
N-Butane (C4H10)	58.1222	0.022
Iso-Pentane (C4H12)	72.1488	0.063
N-Pentane (C5H12)	72.1488	0.099
Hexane+	93.1887	0.694
Total		100.00
Calculated MW		29.5243

% Vol. (Wt. %) Hydrocarbon to ppmv - Influent 2				
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv
Methane (CH4)	16.04	0.046		460
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.004		40
N-Butane (C4H10)	58.12	0.036		360
Iso-Pentane (C4H12)	72.15	0.126		1260
N-Pentane (C5H12)	72.15	0.211		2110
Hexane+ (C6H14)	93.19	1.806		18060
Total				22290

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	95.033
Methane (CH4)	16.0425	0.084
Carbon Dioxide (CO2)	44.011	4.163
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.002
N-Butane (C4H10)	58.1222	0.018
Iso-Pentane (C4H12)	72.1488	0.051
N-Pentane (C5H12)	72.1488	0.085
Hexane+	93.1887	0.564
Total		100
Calculated MW		29.1054

% Vol. (Wt. %) Hydrocarbon to ppmv - Influent 3				
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv
Methane (CH4)	16.04	0.085		850
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.004		40
N-Butane (C4H10)	58.12	0.047		470
Iso-Pentane (C4H12)	72.15	0.165		1650
N-Pentane (C5H12)	72.15	0.263		2630
Hexane+ (C6H14)	93.19	2.172		21720
Total				27360

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	91.966
Methane (CH4)	16.0425	0.157
Carbon Dioxide (CO2)	44.011	6.984
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.002
N-Butane (C4H10)	58.1222	0.024
Iso-Pentane (C4H12)	72.1488	0.068
N-Pentane (C5H12)	72.1488	0.108
Hexane+	93.1887	0.691
Total		100
Calculated MW		29.6501

Table 2
System Operation Data and Mass Recovery Calculations 6/2/2025

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)
16:00	1	98	18	244.96	69.2	179.04	1642	24320	24320	1.00	24320	28.20	18.87	18.87	18.87
17:00	1	96	18	244.96	69.9	180.27	1638	-	24320	1.00	24261	28.23	19.02	19.02	37.90
18:00	1	94	18	244.96	70.4	181.24	1605	-	24320	0.98	23772	27.76	18.81	18.81	56.71
19:00	1	90	18	244.96	70.7	182.28	1617	-	24320	0.98	23950	28.17	19.20	19.20	75.91
20:00	1	86	18	244.96	70.9	183.21	1622	-	24320	0.99	24024	28.47	19.50	19.50	95.40
21:00	1	82	18	244.96	71.0	184.01	1611	-	24320	0.98	23861	28.48	19.59	19.59	115.00
22:00	1	78	18	244.96	71.1	184.83	1584	-	20520	1.02	20876	24.82	17.15	17.15	132.15
23:00	1	76	18	244.96	71.3	185.43	1590	-	20520	1.02	20955	25.01	17.34	17.34	149.48
0:00	1	70	18	244.96	71.7	187.00	1576	-	20520	1.01	20770	25.07	17.53	17.53	167.01
1:00	1	66	18	244.96	71.9	187.97	1583	-	20520	1.02	20863	25.37	17.83	17.83	184.84
2:00	1	64	18	244.96	72.1	188.59	1569	-	20520	1.01	20678	25.24	17.80	17.80	202.63
3:00	1	62	18	244.96	72.4	189.35	1557	20520	20520	1.00	20520	25.15	17.80	17.80	220.43
4:00	1	60	18	244.96	72.5	189.84	1531	-	20520	0.98	20177	24.82	17.62	17.62	238.05
5:00	1	60	18	244.96	74.0	191.79	1525	-	20520	0.98	20098	24.73	17.73	17.73	255.78
6:00	1	60	18	244.96	75.2	193.34	1513	-	20520	0.97	19940	24.53	17.73	17.73	273.51
7:00	1	68	18	244.96	73.9	190.21	1509	-	20520	0.97	19887	24.10	17.13	17.13	290.64
8:00	1	72	18	244.96	73.6	189.11	1496	-	20520	0.96	19716	23.71	16.76	16.76	307.40
9:00	1	80	18	244.96	72.4	186.16	1472	-	20520	0.95	19400	22.98	15.99	15.99	323.39
10:00	1	88	18	244.96	71.6	183.77	1464	-	14350	1.03	14743	16.98	11.67	11.67	335.06
11:00	1	92	18	244.96	71.1	182.47	1447	-	14350	1.02	14572	16.66	11.37	11.37	346.42
12:00	1	96	18	244.96	70.9	181.55	1438	-	14350	1.01	14481	16.44	11.16	11.16	357.58
13:00	1	98	18	244.96	70.6	180.84	1419	-	14350	1.00	14290	16.16	10.93	10.93	368.51
14:00	1	100	18	244.96	70.5	180.39	1425	14350	14350	1.00	14350	16.17	10.91	10.91	379.42
15:00	1	102	18	244.96	70.7	180.33	1432	-	14350	1.00	14420	16.20	10.92	10.92	390.34
Averages:		80.75	18.00	244.96	71.65	185.13	1536.04						Total	390.34	

PSH Mass Recovered in Vapor Phase = 57.07 gallons

Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
24320	29.4781	1	0.0821	98	309.67	28.20

Inputs are the green values.
 Calculated values are yellow.
 Constants are purple values.
 Outputs are the blue values.

PSH Mass Recovered in Vapor Phase =	390.34 lbs
	57.07 gallons
PSH Mass Recovered in Liquid Phase =	204.45 lbs
	29.89 gallons
TOTAL =	594.78 lbs 86.96 gallons

PSH Volume in Gallons=	29.89
PSH Mass in Pounds=	204.45

Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv
Methane (CH ₄)	16.04	0.038		380
Ethane (C ₂ H ₆)	30.07	0.000		0
Propane (C ₃ H ₈)	44.10	0.000		0
Iso-Butane (C ₄ H ₁₀)	58.12	0.004		40
N-Butane (C ₄ H ₁₀)	58.12	0.037		370
Iso-Pentane (C ₄ H ₁₂)	72.15	0.154		1540
N-Pentane (C ₅ H ₁₂)	72.15	0.245		2450
Hexane+ (C ₆ H ₁₄)	93.19	1.954		19540
Total				24320

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N ₂)	28.016	92.942
Methane (CH ₄)	16.0425	0.070
Carbon Dioxide (CO ₂)	44.011	6.186
Ethane (C ₂ H ₆)	30.069	0.000
Propane (C ₃ H ₈)	44.0956	0.000
Iso-Butane (C ₄ H ₁₀)	58.1222	0.002
N-Butane (C ₄ H ₁₀)	58.1222	0.019
Iso-Pentane (C ₄ H ₁₂)	72.1488	0.063
N-Pentane (C ₅ H ₁₂)	72.1488	0.100
Hexane+	93.1887	0.618
Total		100.00
Calculated MW		29.4781

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv
Methane (CH ₄)	16.04	0.026		260
Ethane (C ₂ H ₆)	30.07	0.000		0
Propane (C ₃ H ₈)	44.10	0.000		0
Iso-Butane (C ₄ H ₁₀)	58.12	0.002		20
N-Butane (C ₄ H ₁₀)	58.12	0.028		280
Iso-Pentane (C ₄ H ₁₂)	72.15	0.124		1240
N-Pentane (C ₅ H ₁₂)	72.15	0.203		2030
Hexane+ (C ₆ H ₁₄)	93.19	1.669		16690
Total				20520

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N ₂)	28.016	94.709
Methane (CH ₄)	16.0425	0.048
Carbon Dioxide (CO ₂)	44.011	4.574
Ethane (C ₂ H ₆)	30.069	0.000
Propane (C ₃ H ₈)	44.0956	0.000
Iso-Butane (C ₄ H ₁₀)	58.1222	0.001
N-Butane (C ₄ H ₁₀)	58.1222	0.014
Iso-Pentane (C ₄ H ₁₂)	72.1488	0.050
N-Pentane (C ₅ H ₁₂)	72.1488	0.082
Hexane+	93.1887	0.522
Total		100
Calculated MW		29.1448

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv
Methane (CH ₄)	16.04	0.021		210
Ethane (C ₂ H ₆)	30.07	0.000		0
Propane (C ₃ H ₈)	44.10	0.000		0
Iso-Butane (C ₄ H ₁₀)	58.12	0.002		20
N-Butane (C ₄ H ₁₀)	58.12	0.018		180
Iso-Pentane (C ₄ H ₁₂)	72.15	0.078		780
N-Pentane (C ₅ H ₁₂)	72.15	0.143		1430
Hexane+ (C ₆ H ₁₄)	93.19	1.173		11730
Total				14350

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N ₂)	28.016	96.564
Methane (CH ₄)	16.0425	0.037
Carbon Dioxide (CO ₂)	44.011	2.939
Ethane (C ₂ H ₆)	30.069	0.000
Propane (C ₃ H ₈)	44.0956	0.000
Iso-Butane (C ₄ H ₁₀)	58.1222	0.001
N-Butane (C ₄ H ₁₀)	58.1222	0.009
Iso-Pentane (C ₄ H ₁₂)	72.1488	0.031
N-Pentane (C ₅ H ₁₂)	72.1488	0.057
Hexane+	93.1887	0.362
Total		100
Calculated MW		28.7594

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Table 3
System Operation Data and Mass Recovery Calculations 9/3/2025

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)
16:30	1	106	17	231.35	76.9	195.08	1591	23110	23110	1.00	23110	26.15	19.07	19.07	19.07
17:30	1	106	17	231.35	76.5	194.57	1576	-	23110	0.99	22892	25.91	18.84	18.84	37.92
18:30	1	104	17	231.35	76.8	195.30	1553	-	23110	0.98	22558	25.62	18.70	18.70	56.62
19:30	1	92	17	231.35	76.5	197.02	1540	-	23110	0.97	22369	25.96	19.12	19.12	75.74
20:30	1	84	17	231.35	76.7	198.73	1532	-	23110	0.96	22253	26.20	19.47	19.47	95.20
21:30	1	80	17	231.35	77.0	199.85	1519	-	23110	0.95	22064	26.17	19.55	19.55	114.76
22:30	1	76	17	231.35	77.2	200.86	1504	-	14990	1.06	15866	18.77	14.09	14.09	128.85
23:30	1	72	17	231.35	77.6	202.13	1496	-	14990	1.05	15781	18.81	14.21	14.21	143.06
0:30	1	72	17	231.35	77.4	201.87	1473	-	14990	1.04	15539	18.52	13.97	13.97	157.03
1:30	1	70	17	231.35	77.7	202.64	1459	-	14990	1.03	15391	18.41	13.95	13.95	170.98
2:30	1	70	17	231.35	77.9	202.90	1436	-	14990	1.01	15148	18.12	13.74	13.74	184.72
3:30	1	68	17	231.35	78.0	203.42	1421	14990	14990	1.00	14990	18.00	13.69	13.69	198.41
4:30	1	68	17	231.35	78.2	203.68	1405	-	14990	0.99	14821	17.80	13.55	13.55	211.96
5:30	1	66	17	231.35	78.7	204.72	1399	-	14990	0.98	14758	17.79	13.61	13.61	225.57
6:30	1	66	17	231.35	78.5	204.46	1385	-	14990	0.97	14610	17.61	13.46	13.46	239.03
7:30	1	68	17	231.35	78.1	203.55	1361	-	14990	0.96	14357	17.24	13.12	13.12	252.15
8:30	1	78	17	231.35	78.3	201.90	1374	-	14990	0.97	14494	17.08	12.89	12.89	265.04
9:30	1	74	17	231.35	78.8	203.31	1354	-	14990	0.95	14283	16.96	12.89	12.89	277.93
10:30	1	94	17	231.35	79.5	200.49	1347	-	12140	1.03	12464	14.16	10.62	10.62	288.55
11:30	1	100	17	231.35	79.3	199.16	1320	-	12140	1.01	12214	13.73	10.22	10.22	298.77
12:30	1	106	17	231.35	79.1	197.85	1339	-	12140	1.02	12390	13.78	10.19	10.19	308.96
13:30	1	106	17	231.35	78.7	197.35	1319	-	12140	1.01	12205	13.58	10.02	10.02	318.98
14:30	1	106	17	231.35	78.8	197.47	1312	12140	12140	1.00	12140	13.50	9.97	9.97	328.95
15:30	1	106	17	231.35	79.1	197.85	1304	-	12140	0.99	12066	13.42	9.93	9.93	338.87
Averages:		84.92	17.00	231.35	77.97	200.26	1429.96						Total	338.87	

PSH Mass Recovered in Vapor Phase = 49.54 gallons

Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm-liter/mole-K)	(°F)	(K)	(mg/L)
23110	29.1840	1	0.0821	106	314.11	26.15

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 =	338.87 lbs 49.54 gallons
PSH Mass Recovered in Liquid Phase =	0.00 lbs 0.00 gallons
TOTAL =	338.87 lbs 49.54 gallons

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	0
PSH Mass in Pounds=	0.00

% Vol. (Wt. %) Hydrocarbon to ppmv - Influent 1					Molecular Weight Calculations		
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	0.241		2410	Nitrogen (N2)	28.016	93.802
Ethane (C2H6)	30.07	0.000		0	Methane (CH4)	16.0425	0.438
Propane (C3H8)	44.10	0.000		0	Carbon Dioxide (CO2)	44.011	5.067
Iso-Butane (C4H10)	58.12	0.004		40	Ethane (C2H6)	30.069	0.000
N-Butane (C4H10)	58.12	0.038		380	Propane (C3H8)	44.0956	0.000
Iso-Pentane (C4H12)	72.15	0.158		1580	Iso-Butane (C4H10)	58.1222	0.002
N-Pentane (C5H12)	72.15	0.245		2450	N-Butane (C4H10)	58.1222	0.019
Hexane+ (C6H14)	93.19	1.625		16250	Iso-Pentane (C4H12)	72.1488	0.064
					N-Pentane (C5H12)	72.1488	0.099
					Hexane+	93.1887	0.509
					Total	100.00	
					Calculated MW	29.1840	
*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes							

% Vol. (Wt. %) Hydrocarbon to ppmv - Influent 2					Molecular Weight Calculations		
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	0.050		500	Nitrogen (N2)	28.016	95.716
Ethane (C2H6)	30.07	0.000		0	Methane (CH4)	16.0425	0.090
Propane (C3H8)	44.10	0.000		0	Carbon Dioxide (CO2)	44.011	3.718
Iso-Butane (C4H10)	58.12	0.000		0	Ethane (C2H6)	30.069	0.000
N-Butane (C4H10)	58.12	0.028		280	Propane (C3H8)	44.0956	0.000
Iso-Pentane (C4H12)	72.15	0.090		900	Iso-Butane (C4H10)	58.1222	0.000
N-Pentane (C5H12)	72.15	0.150		1500	N-Butane (C4H10)	58.1222	0.014
Hexane+ (C6H14)	93.19	1.181		11810	Iso-Pentane (C4H12)	72.1488	0.036
					N-Pentane (C5H12)	72.1488	0.060
					Hexane+	93.1887	0.366
					Total	100	
					Calculated MW	28.8850	
*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes							

% Vol. (Wt. %) Hydrocarbon to ppmv - Influent 3					Molecular Weight Calculations		
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	0.031		310	Nitrogen (N2)	28.016	96.781
Ethane (C2H6)	30.07	0.000		0	Methane (CH4)	16.0425	0.055
Propane (C3H8)	44.10	0.000		0	Carbon Dioxide (CO2)	44.011	2.780
Iso-Butane (C4H10)	58.12	0.000		0	Ethane (C2H6)	30.069	0.000
N-Butane (C4H10)	58.12	0.014		140	Propane (C3H8)	44.0956	0.000
Iso-Pentane (C4H12)	72.15	0.075		750	Iso-Butane (C4H10)	58.1222	0.000
N-Pentane (C5H12)	72.15	0.116		1160	N-Butane (C4H10)	58.1222	0.007
Hexane+ (C6H14)	93.19	0.978		9780	Iso-Pentane (C4H12)	72.1488	0.030
					N-Pentane (C5H12)	72.1488	0.046
					Hexane+	93.1887	0.301
					Total	100	
					Calculated MW	28.6859	
*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes							

Table 4
System Operation Data and Mass Recovery Calculations 11/12/2025

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	94	14	190.53	81.4	225.13	1653	25950	25950	1.00	25950	30.33	25.53	25.53	25.53
16:30	1	86	14	190.53	103.7	255.95	1647	-	25950	1.00	25856	30.67	29.34	29.34	54.87
17:30	1	84	14	190.53	105.3	258.40	1621	-	25950	0.98	25448	30.29	29.26	29.26	84.13
18:30	1	80	14	190.53	104.9	258.86	1607	-	25950	0.97	25228	30.25	29.28	29.28	113.41
19:30	1	76	14	190.53	103.7	258.33	1618	-	25950	0.98	25401	30.69	29.64	29.64	143.04
20:30	1	70	14	190.53	101.6	257.15	1596	-	25950	0.97	25055	30.61	29.43	29.43	172.47
21:30	1	62	14	190.53	100.5	257.70	1584	-	20700	1.03	21236	26.09	25.13	25.13	197.61
22:30	1	48	14	190.53	99.5	259.93	1569	-	20700	1.02	21035	26.56	25.80	25.80	223.41
23:30	1	46	14	190.53	98.9	259.65	1572	-	20700	1.02	21075	26.71	25.93	25.93	249.34
0:30	1	44	14	190.53	98.4	259.51	1561	-	20700	1.01	20928	26.63	25.83	25.83	275.17
1:30	1	42	14	190.53	98.0	259.50	1558	-	20700	1.01	20888	26.69	25.89	25.89	301.06
2:30	1	40	14	190.53	97.6	259.48	1544	20700	20700	1.00	20700	26.55	25.76	25.76	326.81
3:30	1	40	14	190.53	97.9	259.88	1536	-	20700	0.99	20593	26.41	25.66	25.66	352.47
4:30	1	46	14	190.53	98.3	258.86	1517	-	20700	0.98	20338	25.78	24.94	24.94	377.42
5:30	1	48	14	190.53	98.5	258.62	1509	-	20700	0.98	20231	25.54	24.69	24.69	402.11
6:30	1	50	14	190.53	98.7	258.37	1488	-	20700	0.96	19949	25.09	24.23	24.23	426.34
7:30	1	52	14	190.53	98.3	257.34	1476	-	20700	0.96	19788	24.79	23.84	23.84	450.18
8:30	1	54	14	190.53	99.1	257.88	1451	-	20700	0.94	19453	24.27	23.40	23.40	473.58
9:30	1	70	14	190.53	99.3	254.22	1462	-	17640	1.03	18149	21.72	20.64	20.64	494.22
10:30	1	76	14	190.53	99.5	253.05	1455	-	17640	1.02	18062	21.37	20.22	20.22	514.44
11:30	1	78	14	190.53	99.7	252.83	1440	-	17640	1.01	17876	21.07	19.92	19.92	534.36
12:30	1	86	14	190.53	99.3	250.47	1436	-	17640	1.01	17826	20.71	19.39	19.39	553.74
13:30	1	90	14	190.53	99.5	249.80	1421	17640	17640	1.00	17640	20.34	18.99	18.99	572.74
14:30	1	92	14	190.53	99.8	249.73	1412	-	17640	0.99	17528	20.14	18.80	18.80	591.54
Averages:		64.75	14.00	190.53	99.23	255.44	1530.54						Total	591.54	

PSH Mass Recovered in Vapor Phase = 86.48 gallons

Measured Conc. (ppmv)	Molecular Wt. (grams)	Pressure (atm)	Gas Constant (atm-liter/mole-K)	Temp. (°F)	Temp. (K)	Conc. (mg/L)
25950	29.5044	1	0.0821	94	307.44	30.33

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 = 591.54 lbs
 86.48 gallons

PSH Mass Recovered in Liquid Phase = 0.00 lbs
 0.00 gallons

**TOTAL = 591.54 lbs
 86.48 gallons**

Gallons removed determined at time of pick up.	
PSH Volume in Gallons=	0
PSH Mass in Pounds=	0.00

% Vol. (Wt. %) Hydrocarbon to ppmv - Influent 1					Molecular Weight Calculations		
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	0.082		820	Nitrogen (N2)	28.016	92.722
Ethane (C2H6)	30.07	0.000		0	Methane (CH4)	16.0425	0.151
Propane (C3H8)	44.10	0.000		0	Carbon Dioxide (CO2)	44.011	6.275
Iso-Butane (C4H10)	58.12	0.006		60	Ethane (C2H6)	30.069	0.000
N-Butane (C4H10)	58.12	0.045		450	Propane (C3H8)	44.0956	0.000
Iso-Pentane (C4H12)	72.15	0.198		1980	Iso-Butane (C4H10)	58.1222	0.003
N-Pentane (C5H12)	72.15	0.306		3060	N-Butane (C4H10)	58.1222	0.023
Hexane+ (C6H14)	93.19	1.958		19580	Iso-Pentane (C4H12)	72.1488	0.081
				Total 25950	N-Pentane (C5H12)	72.1488	0.125
					Hexane+	93.1887	0.620
					Total	100.00	
					Calculated MW 29.5044		

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

% Vol. (Wt. %) Hydrocarbon to ppmv - Influent 2					Molecular Weight Calculations		
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	0.090		900	Nitrogen (N2)	28.016	93.994
Ethane (C2H6)	30.07	0.000		0	Methane (CH4)	16.0425	0.163
Propane (C3H8)	44.10	0.000		0	Carbon Dioxide (CO2)	44.011	5.179
Iso-Butane (C4H10)	58.12	0.006		60	Ethane (C2H6)	30.069	0.000
N-Butane (C4H10)	58.12	0.036		360	Propane (C3H8)	44.0956	0.000
Iso-Pentane (C4H12)	72.15	0.151		1510	Iso-Butane (C4H10)	58.1222	0.003
N-Pentane (C5H12)	72.15	0.240		2400	N-Butane (C4H10)	58.1222	0.018
Hexane+ (C6H14)	93.19	1.547		15470	Iso-Pentane (C4H12)	72.1488	0.061
				Total 20700	N-Pentane (C5H12)	72.1488	0.097
					Hexane+	93.1887	0.485
					Total	100	
					Calculated MW 29.2170		

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

% Vol. (Wt. %) Hydrocarbon to ppmv - Influent 3					Molecular Weight Calculations		
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv	Component	Molecular Weight (g/mol)	mol%
Methane (CH4)	16.04	0.104		1040	Nitrogen (N2)	28.016	95.639
Ethane (C2H6)	30.07	0.009		90	Methane (CH4)	16.0425	0.188
Propane (C3H8)	44.10	0.014		140	Carbon Dioxide (CO2)	44.011	3.616
Iso-Butane (C4H10)	58.12	0.008		80	Ethane (C2H6)	30.069	0.009
N-Butane (C4H10)	58.12	0.032		320	Propane (C3H8)	44.0956	0.009
Iso-Pentane (C4H12)	72.15	0.105		1050	Iso-Butane (C4H10)	58.1222	0.004
N-Pentane (C5H12)	72.15	0.160		1600	N-Butane (C4H10)	58.1222	0.016
Hexane+ (C6H14)	93.19	1.332		13320	Iso-Pentane (C4H12)	72.1488	0.042
				Total 17640	N-Pentane (C5H12)	72.1488	0.064
					Hexane+	93.1887	0.413
					Total	100	
					Calculated MW 28.8955		

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes



ATTACHMENT 1

MDPE Field Logs

MDPE FIELD NOTES

Site Name:	Moore to Jal #1	Event #:	1
Location:	Lovington, NM	Arrive at site:	14:00
Date:	3/5/2025		
Job #:	700376.044.51	SRS #:	2002-10270
		Unit:	2097
Onsite Personnel:	B Huntington N Parker	Start Vac:	14:30
		Stop Vac:	14:30
		Leave Site:	15:00

GAUGING DATA

WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-8	93.41	93.66	0.25	-	Dry	-	@ 91 93.71 TD
MW-32	91.79	92.44	0.65	-	Dry	-	@ 90 92.52 TD
WASTE:	H ₂ O:	62.18		PSH:	9.42		TOTAL (GAL): 71.60

Sample Name	Analysis	Date:	Time:	Comments:			
INFLUENT #1	C6+	5-Mar-25	15:30	PID = 2127			
INFLUENT #2	C6+	6-Mar-25	02:30	PID = 2029			
INFLUENT #3	C6+	6-Mar-25	13:30	PID = 1938			

Notes:	
8.78 - 8.81 / 8.69 - 8.77	
Propane 75 - 60%	

Start Date: 3/5/2025		700376.044.51			24HR		2097		Pg. 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-8 Vacuum (inH ₂ O)	MW-32 Vacuum (inH ₂ O)		
15:30	*1	68	86.9	15	2127	1552	15.5	14.2			
16:30		68	87.4	15	2107	1575	16.0	14.5			
17:30		60	88.2	15	2096	1603	16.4	14.9			
18:30		54	88.5	15	2074	1609	16.9	15.3			
19:30		52	90.3	15	2083	1611	17.3	15.1			
20:30		50	90.5	15	2065	1617	17.5	15.0			
21:30		48	90.1	15	2011	1616	17.7	15.3			
22:30		46	90.4	15	2046	1612	17.4	15.4			
23:30		44	90.5	15	2057	1620	17.2	15.5			
00:30		44	90.0	15	2041	1615	17.6	15.3			
01:30		44	90.1	15	2036	1617	17.7	15.2			
02:30	*2	44	90.4	15	2029	1618	17.2	15.1			
03:30		44	90.6	15	2011	1619	17.5	15.0			
04:30		44	90.8	15	2001	1617	17.7	15.0			
05:30		44	90.7	15	1984	1620	17.8	14.8			
06:30		44	90.5	15	1996	1618	17.5	14.9			
07:30		44	90.3	15	2009	1616	17.6	15.1			
08:30		48	90.9	15	1981	1620	17.7	15.2			
09:30		52	91.8	14	1964	1623	17.7	15.0			
10:30		58	91.2	14	1943	1623	17.5	15.3			
11:30		64	90.8	14	1960	1624	17.4	15.1			
12:30		64	90.5	14	1949	1627	17.7	15.2			
13:30	*3	64	90.9	14	1938	1625	17.4	15.0			
14:30		64	91.2	14	1926	1622	17.6	15.4			

MDPE FIELD NOTES						
Site Name:	Moore to Jal #1				Event #:	2
Location:	Lovington, NM				Arrive at site:	14:30
Date:	6/2/2025					
Job #:	700376.044.51	SRS #:	2002-10270	Start Vac:	15:00	
		Unit:	2097	Stop Vac:	15:00	
Onsite Personnel:	B Huntington N Parker			Leave Site:	15:30	

GAUGING DATA							
WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-5A	-	94.01	0.00	-	-	-	
MW-9A	-	95.86	0.00	-	-	-	
MW-31	-	93.54	0.00	-	-	-	
MW-31	-	95.79	0.00	-	-	-	
MW-8	-	-	-	-	-	-	dry
MW-13	-	97.45	0.00	-	-	-	
MW-24	-	96.75	0.00	-	-	-	
MW-32	92.35	92.51	0.16	-	92.91	-	
MW-33	-	94.02	0.00	-	-	-	
WASTE:	H ₂ O:	94.81		PSH:	29.89	TOTAL (GAL):	124.70

Sample Name	Analysis	Date:	Time:	Comments:			
INFLUENT #1	C6+	2-Jun-25	16:00	PID = 1642			
INFLUENT #2	C6+	3-Jun-25	03:00	PID = 1557			
INFLUENT #3	C6+	3-Jun-25	14:00	PID = 1425			

Notes:	
Tank Start:	
8.54 - 8.55 / 8.46 - 8.49	
Propane 60% - 40	

Start Date: 6/2/2025		700376.044.51			24HR		2097		Pg. 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-32			
							Vacuum (inH ₂ O)				
16:00	*1	98	69.2	18	1642	1420	15.1				
17:00		96	69.9	18	1638	1415	15.3				
18:00		94	70.4	18	1605	1418	15.7				
19:00		90	70.7	18	1617	1416	15.9				
20:00		86	70.9	18	1622	1411	16.0				
21:00		82	71.0	18	1611	1413	16.2				
22:00		78	71.1	18	1584	1416	16.5				
23:00		76	71.3	18	1590	1419	16.7				
00:00		70	71.7	18	1576	1422	16.9				
01:00		66	71.9	18	1583	1420	16.7				
02:00		64	72.1	18	1569	1414	16.3				
03:00	*2	62	72.4	18	1557	1416	16.0				
04:00		60	72.5	18	1531	1411	16.1				
05:00		60	74.0	18	1525	1409	16.2				
06:00		60	75.2	18	1513	1415	16.4				
07:00		68	73.9	18	1509	1417	16.6				
08:00		72	73.6	18	1496	1413	16.8				
09:00		80	72.4	18	1472	1415	16.7				
10:00		88	71.6	18	1464	1410	16.6				
11:00		92	71.1	18	1447	1412	16.7				
12:00		96	70.9	18	1438	1410	16.5				
13:00		98	70.6	18	1419	1408	16.9				
14:00	*3	100	70.5	18	1425	1411	17.0				
15:00		102	70.7	18	1432	1414	16.8				

MDPE FIELD NOTES						
Site Name:	Moore to Jal #1				Event #:	3
Location:	Lovington, NM				Arrive at site:	15:00
Date:	9/3/2025					
Job #:	700376.044.51	SRS #:	2002-10270	Start Vac:	15:30	
		Unit:	2097	Stop Vac:	15:30	
Onsite Personnel:	B Huntington N Parker				Leave Site:	16:00

GAUGING DATA							
WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-5A	-	94.38	0.00	-	-	-	
MW-9A	-	94.27	0.00	-	-	-	
MW-31A	-	93.86	0.00	-	-	-	
MW-3A	-	94.13	0.00	-	-	-	
MW-8	-	DRY	-	-	-	-	VAPOR ONLY
MW-13A	-	97.84	0.00	-	-	-	
MW-24	-	97.10	0.00	-	-	-	
MW-32	-	DRY	-	-	-	-	VAPOR ONLY
MW-33A	-	94.31	0.00	-	-	-	
WASTE:	H ₂ O:	-		PSH:	-		TOTAL (GAL): -

Sample Name	Analysis	Date:	Time:	Comments:			
INFLUENT #1	C6+	3-Sep-25	16:30	PID = 1591			
INFLUENT #2	C6+	4-Sep-25	03:30	PID = 1421			
INFLUENT #3	C6+	4-Sep-25	14:30	PID = 1312			

Notes:	
Vapor Only Per PM	
Propane 40% - 25%	

Start Date: 9/3/2025		700376.044.51			24HR		2097		Pg. 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-8 Vacuum (inH ₂ O)	MW-32 Vacuum (inH ₂ O)		
16:30	*1	106	76.9	17	1591	1465	11.7	6.9			
17:30		106	76.5	17	1576	1477	11.9	7.1			
18:30		104	76.8	17	1553	1481	12.1	7.0			
19:30		92	76.5	17	1540	1492	12.4	7.0			
20:30		84	76.7	17	1532	1497	12.5	7.2			
21:30		80	77.0	17	1519	1505	12.7	7.4			
22:30		76	77.2	17	1504	1511	12.4	7.1			
23:30		72	77.6	17	1496	1512	12.1	7.0			
00:30		72	77.4	17	1473	1516	12.6	7.0			
01:30		70	77.7	17	1459	1519	12.3	7.3			
02:30		70	77.9	17	1436	1520	12.5	7.2			
03:30	*2	68	78.0	17	1421	1518	12.8	7.2			
04:30		68	78.2	17	1405	1517	12.9	7.3			
05:30		66	78.7	17	1399	1515	12.4	7.4			
06:30		66	78.5	17	1385	1513	12.7	7.1			
07:30		68	78.1	17	1361	1507	12.9	7.0			
08:30		78	78.3	17	1374	1505	12.8	7.2			
09:30		74	78.8	17	1354	1502	13.3	7.3			
10:30		94	79.5	17	1347	1500	13.1	7.4			
11:30		100	79.3	17	1320	1503	13.4	7.5			
12:30		106	79.1	17	1339	1505	13.2	7.3			
13:30		106	78.7	17	1319	1504	13.0	7.2			
14:30	*3	106	78.8	17	1312	1502	13.3	7.1			
15:30		106	79.1	17	1304	1500	13.1	7.3			

MDPE FIELD NOTES							
Site Name:	Moore to Jal #1					Event #:	4
Location:	Lovington, NM					Arrive at site:	14:00
Date:	11/12/2025						
Job #:	700376.044.51	SRS #:	2002-10270	Start Vac:	14:30		
		Unit:	2097	Stop Vac:	14:30		
Onsite Personnel:	N Parker B Huntington T Bridges				Leave Site:	15:00	

GAUGING DATA							
WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-8	-	Dry	-	-	-	-	Vapor Only
MW-32	-	Dry	-	-	-	-	Vapor Only
WASTE:	H ₂ O:	-		PSH:	-		TOTAL (GAL): -

Sample Name	Analysis	Date:	Time:	Comments:			
INFLUENT #1	C6+	12-Nov-25	15:30	PID = 1653			
INFLUENT #2	C6+	13-Nov-25	02:30	PID = 1544			
INFLUENT #3	C6+	13-Nov-25	13:30	PID = 1421			

Notes:	
Vapor Only Per PM	
Propane 75% - 60%	

Start Date: 11/12/2025		700376.044.51			24HR		2097		Pg. 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-8 Vacuum (inH ₂ O)	MW-32 Vacuum (inH ₂ O)		
15:30	*1	94	81.4	14	1653	1510	16.2	11.3			
16:30		86	103.7	14	1647	1553	17.0	10.7			
17:30		84	105.3	14	1621	1551	17.6	10.5			
18:30		80	104.9	14	1607	1549	17.4	10.1			
19:30		76	103.7	14	1618	1548	17.8	9.9			
20:30		70	101.6	14	1596	1542	17.4	9.6			
21:30		62	100.5	14	1584	1537	17.7	9.5			
22:30		48	99.5	14	1569	1526	17.8	9.3			
23:30		46	98.9	14	1572	1523	17.4	9.1			
00:30		44	98.4	14	1561	1518	17.5	9.5			
01:30		42	98.0	14	1558	1511	17.3	9.7			
02:30	*2	40	97.6	14	1544	1505	17.1	9.3			
03:30		40	97.9	14	1536	1517	17.5	9.6			
04:30		46	98.3	14	1517	1520	17.3	9.4			
05:30		48	98.5	14	1509	1528	17.6	9.2			
06:30		50	98.7	14	1488	1535	17.8	9.0			
07:30		52	98.3	14	1476	1539	17.9	9.4			
08:30		54	99.1	14	1451	1540	17.7	9.7			
09:30		70	99.3	14	1462	1542	17.5	9.4			
10:30		76	99.5	14	1455	1544	17.3	9.7			
11:30		78	99.7	14	1440	1546	17.8	9.8			
12:30		86	99.3	14	1436	1542	17.7	9.4			
13:30	*3	90	99.5	14	1421	1541	17.9	9.6			
14:30		92	99.8	14	1412	1540	17.6	9.8			



ATTACHMENT 2

Laboratory Analytical Results



Certificate of Analysis
 Number: 1030-25030375-001A

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: 03/13/2025
Station Number: 700376.044.51	Sampled By: BH
Station Location: Lovington, NM	Sample Of: Gas Spot
Sample Point: Moore to Jal #1	Sample Date: 03/05/2025 15:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 03/11/2025
Analyzed: 03/13/2025 06:08:45 by PTW	Login Date: 03/12/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	92.772	88.031		GPM TOTAL C2+	0.368
Methane	0.136	0.074		GPM TOTAL C3+	0.368
Carbon Dioxide	6.212	9.261		GPM TOTAL iC5+	0.360
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	0.002	0.004	0.001		
n-Butane	0.022	0.043	0.007		
Iso-pentane	0.063	0.154	0.023		
n-Pentane	0.099	0.242	0.036		
Hexanes Plus	0.694	2.191	0.301		
	<u>100.000</u>	<u>100.000</u>	<u>0.368</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0195	3.2176
Calculated Molecular Weight	29.52	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	44	5113
Water Sat. Gas Base BTU	43	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: 1030-25030375-002A

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: 03/13/2025
Station Number: 700376.044.51	Sampled By: BH
Station Location: Lovington, NM	Sample Of: Gas Spot
Sample Point: Moore to Jal #1	Sample Date: 03/06/2025 02:30
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 03/11/2025
Analyzed: 03/13/2025 06:39:25 by PTW	Login Date: 03/12/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	95.033	91.476		GPM TOTAL C2+	0.302
Methane	0.084	0.046		GPM TOTAL C3+	0.302
Carbon Dioxide	4.163	6.295		GPM TOTAL iC5+	0.295
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	0.002	0.004	0.001		
n-Butane	0.018	0.036	0.006		
Iso-pentane	0.051	0.126	0.019		
n-Pentane	0.085	0.211	0.031		
Hexanes Plus	0.564	1.806	0.245		
	<u>100.000</u>	<u>100.000</u>	<u>0.302</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0049	3.2176
Calculated Molecular Weight	29.10	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	36	5113
Water Sat. Gas Base BTU	35	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: 1030-25030375-003A

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:	03/13/2025
Station Number:	700376.044.51	Sampled By:	BH
Station Location:	Lovington, NM	Sample Of:	Gas Spot
Sample Point:	Moore to Jal #1	Sample Date:	03/06/2025 13:30
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	03/11/2025
Analyzed:	03/13/2025 07:03:23 by PTW	Login Date:	03/12/2025

Analytical Data


Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	91.966	86.897		GPM TOTAL C2+	0.373
Methane	0.157	0.085		GPM TOTAL C3+	0.373
Carbon Dioxide	6.984	10.367		GPM TOTAL iC5+	0.364
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	0.002	0.004	0.001		
n-Butane	0.024	0.047	0.008		
Iso-pentane	0.068	0.165	0.025		
n-Pentane	0.108	0.263	0.039		
Hexanes Plus	0.691	2.172	0.300		
	100.000	100.000	0.373		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0238	3.2176
Calculated Molecular Weight	29.65	93.19
Compressibility Factor	0.9994	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	45	5113
Water Sat. Gas Base BTU	44	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:		Project/Station Number:		Project/Station Location:		Requested TAT				
Address: 921 N. Bivins			Project/Station Name: <i>more to Jal #1</i>		Project/Station Number: <i>700376 044-51</i>		Project/Station Location: <i>Lowington N.H.</i>		<input type="checkbox"/> 24hr * <input type="checkbox"/> 48hr * <input type="checkbox"/> 72hr * <input type="checkbox"/> Standard <input type="checkbox"/> Other <small>Indicate Below</small>						
City/State/Zip: Amarillo, Texas 79107			Special Instructions:									<input type="checkbox"/> 24hr * <input type="checkbox"/> 48hr * <input type="checkbox"/> 72hr * <input type="checkbox"/> Standard <input type="checkbox"/> Other <small>Indicate Below</small>			
Contact: Jason Shubert			* 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.												
Phone: 806-467-0607 Fax: 806-467-0622															
Invoice To: (Company Name): Talon LPE															
Address: 921 N Bivins			Indicate Billing Type:		Net 30 day Acct. <input type="checkbox"/> Check #		Cash Rec'd \$		Requested Analysis						
City/State/Zip: Amarillo, Texas 79107			Credit Card <input type="checkbox"/> Contact SPL, Inc for CC payment arrangements.		Cylinder #		Date Out					Date In		* Surcharges May Apply Comments	
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			
		<i>Plot 1</i>		<i>3-25</i>	<i>1530</i>	<i>Gas</i>									
		<i>Plot 2</i>		<i>3-25</i>	<i>1230</i>										
		<i>Plot 3</i>		<i>3-25</i>	<i>1330</i>										
Sampled By-Print Name: <i>B. K. Taylor</i>			Company Name:												
Signature: <i>[Signature]</i>															
Relinquished By-Print Name: <i>B. K. Taylor</i>			Date:	Time:	Received By-Print Name:				<div style="border: 2px solid blue; padding: 5px; display: inline-block;"> RECEIVED MAR 11 2025 13:27 BY: </div>		Date:	Time:			
Signature: <i>[Signature]</i>			<i>3-6-25</i>		Signature:						Date:	Time:			
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name: <i>[Signature]</i>						Date:	Time:			
Signature:			Date:	Time:	Received By-Print Name:				Date:	Time:					
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:				Date:	Time:					
Signature:			Date:	Time:	Received By-Print Name:				Date:	Time:					

- | | | |
|--|---|---|
| <input type="checkbox"/> 6820 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) 428-0642 |
| <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 e-mailed to you.



Certificate of Analysis

Number: 1030-25060345-001A

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: 700376.044.51	Sampled By: BH
Station Location: Hobbs NM	Sample Of: Gas Spot
Sample Point: Moore to Jal #1	Sample Date: 06/02/2025 16:00
Method: GPA-2261M	Sample Conditions:
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 06/10/2025
Analyzed: 06/10/2025 20:40:16 by EKK	Login Date: 06/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	92.942	88.332		GPM TOTAL C2+	0.334
Methane	0.070	0.038		GPM TOTAL C3+	0.334
Carbon Dioxide	6.186	9.236		GPM TOTAL iC5+	0.327
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	0.002	0.004	0.001		
n-Butane	0.019	0.037	0.006		
Iso-pentane	0.063	0.154	0.023		
n-Pentane	0.100	0.245	0.036		
Hexanes Plus	0.618	1.954	0.268		
	<u>100.000</u>	<u>100.000</u>	<u>0.334</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0178	3.2176
Calculated Molecular Weight	29.48	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	40	5113
Water Sat. Gas Base BTU	39	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: 1030-25060345-002A

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:	700376.044.51	Sampled By:	BH
Station Location:	Hobbs NM	Sample Of:	Gas Spot
Sample Point:	Moore to Jal #1	Sample Date:	06/03/2025 03:00
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	06/10/2025
Analyzed:	06/10/2025 21:09:02 by EKK	Login Date:	06/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia	
Nitrogen	94.709	91.041		GPM TOTAL C2+ 0.279
Methane	0.048	0.026		GPM TOTAL C3+ 0.279
Carbon Dioxide	4.574	6.907		GPM TOTAL iC5+ 0.275
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	0.124	0.018	
n-Pentane	0.082	0.203	0.030	
Hexanes Plus	0.522	1.669	0.227	
	100.000	100.000	0.279	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0063	3.2176
Calculated Molecular Weight	29.14	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	33	5113
Water Sat. Gas Base BTU	32	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: 1030-25060345-003A

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:	700376.044.51	Sampled By:	BH
Station Location:	Hobbs NM	Sample Of:	Gas Spot
Sample Point:	Moore to Jal #1	Sample Date:	06/03/2025 14:00
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	06/10/2025
Analyzed:	06/10/2025 21:33:41 by EKK	Login Date:	06/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia	
Nitrogen	96.564	94.067		GPM TOTAL C2+ 0.192
Methane	0.037	0.021		GPM TOTAL C3+ 0.192
Carbon Dioxide	2.939	4.498		GPM TOTAL iC5+ 0.189
Ethane	NIL	NIL	NIL	
Propane	NIL	NIL	NIL	
Iso-butane	0.001	0.002	NIL	
n-Butane	0.009	0.018	0.003	
Iso-pentane	0.031	0.078	0.011	
n-Pentane	0.057	0.143	0.021	
Hexanes Plus	0.362	1.173	0.157	
	100.000	100.000	0.192	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9929	3.2176
Calculated Molecular Weight	28.76	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	23	5113
Water Sat. Gas Base BTU	22	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>move to Jail #1</i>		<i>700376-040.51</i>		<i>140669 NM</i>		<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 #:													
			Cylinder Tracking Info *									* Surcharges May Apply	
Sample ID & Point		Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder #	Date Out	Date In	Comments		
<i>INFIL 1</i>		<i>6-25</i>	<i>1600</i>	<i>CO2</i>									
<i>INFIL 2</i>		<i>6-25</i>	<i>0300</i>										
<i>INFIL 3</i>		<i>6-25</i>	<i>1400</i>										
Sampled By-Print Name: <i>B. K. [Signature]</i>			Company Name:										
Signature: <i>[Signature]</i>													
Relinquished By-Print Name: <i>S. K. [Signature]</i>			Date: <i>6-25</i>	Time:	Received By-Print Name:		<i>[Signature]</i>		Date: <i>6-25</i>		Time:		
Signature: <i>[Signature]</i>			Date:	Time:	Received By-Print Name:		Signature:		Date:		Time:		
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:		Signature:		Date:		Time:		
Signature:			Date:	Time:	Received By-Print Name:		Signature:		Date:		Time:		

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- 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 e-mailed to you.



Certificate of Analysis

Number: 1030-25090287-001A

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: 700376.044.51	Sampled By: BH
Station Location: Hobbs NM	Sample Of: Gas Spot
Sample Point: Moore to Jal #1	Sample Conditions:
Method: GPA-2261M	Sample Date: 09/03/2025 16:30
Instrument: HGC 16 A + 16B, Rear TCD #16B	Received Date: 09/09/2025
Analyzed: 09/11/2025 19:56:39 by EKK	Login Date: 09/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	93.802	90.047		GPM TOTAL C2+	0.287
Methane	0.438	0.241		GPM TOTAL C3+	0.287
Carbon Dioxide	5.067	7.642		GPM TOTAL iC5+	0.280
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	0.002	0.004	0.001		
n-Butane	0.019	0.038	0.006		
Iso-pentane	0.064	0.158	0.023		
n-Pentane	0.099	0.245	0.036		
Hexanes Plus	0.509	1.625	0.221		
	100.000	100.000	0.287		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0076	3.2176
Calculated Molecular Weight	29.18	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	38	5113
Water Sat. Gas Base BTU	37	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: 1030-25090287-002A

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: 700376.044.51	Sampled By: BH
Station Location: Hobbs NM	Sample Of: Gas Spot
Sample Point: Moore to Jal #1	Sample Conditions:
Method: GPA-2261M	Sample Date: 09/04/2025 15:30
Instrument: HGC 24A + 24B, 850 MIB_4 - Channel 2	Received Date: 09/09/2025
Analyzed: 09/11/2025 11:33:13 by DKK	Login Date: 09/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	95.716	92.836		GPM TOTAL C2+	0.198
Methane	0.090	0.050		GPM TOTAL C3+	0.198
Carbon Dioxide	3.718	5.665		GPM TOTAL iC5+	0.194
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	0.014	0.028	0.004		
Iso-pentane	0.036	0.090	0.013		
n-Pentane	0.060	0.150	0.022		
Hexanes Plus	0.366	1.181	0.159		
	<u>100.000</u>	<u>100.000</u>	<u>0.198</u>		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9973	3.2176
Calculated Molecular Weight	28.88	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	24	5113
Water Sat. Gas Base BTU	24	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: 1030-25090287-003A

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: 700376.044.51	Sampled By: BH
Station Location: Hobbs NM	Sample Of: Gas Spot
Sample Point: Moore to Jal #1	Sample Conditions:
Method: GPA-2261M	Sample Date: 09/04/2025 14:30
Instrument: HGC 24A + 24B, 850 MIB_4 - Channel 2	Received Date: 09/09/2025
Analyzed: 09/11/2025 11:53:58 by DKK	Login Date: 09/10/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia	
Nitrogen	96.781	94.521		GPM TOTAL C2+ 0.161
Methane	0.055	0.031		GPM TOTAL C3+ 0.161
Carbon Dioxide	2.780	4.265		GPM TOTAL iC5+ 0.159
Ethane	NIL	NIL	NIL	
Propane	NIL	NIL	NIL	
Iso-butane	NIL	NIL	NIL	
n-Butane	0.007	0.014	0.002	
Iso-pentane	0.030	0.075	0.011	
n-Pentane	0.046	0.116	0.017	
Hexanes Plus	0.301	0.978	0.131	
	<u>100.000</u>	<u>100.000</u>	<u>0.161</u>	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9904	3.2176
Calculated Molecular Weight	28.68	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	19	5113
Water Sat. Gas Base BTU	19	5024

Josephy Ponmissery, 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

Form containing report details, company information, and a table for sample tracking. Includes fields for Report To, Project/Station Name, Address, and a table with columns for Sample ID, Date, Time, and Cylinder tracking.

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BY: _____

- 8820 Interchange Dr. Houston, TX 77054
500 Ambassador Caffery Pkwy Scott, LA 70583
9221 Highway 23 Belle Chasse, LA 70037
1595 US 79 South Canthage, TX 75633
P.O. Box 3079 Laurel, MS 39442
459 Hughes Dr. Traverse City, MI 49686

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: 1030-25110629-001A

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: 11/25/2025
Station Number: 700376.044.51	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Moore to Jal #1	Sample Conditions:
Method: GPA-2261M	Sample Date: 11/12/2025 15:30
Instrument: HGC 4 + 5, 850 MIB_5 - TCD #4	Received Date: 11/18/2025
Analyzed: 11/21/2025 15:48:01 by EKK	Login Date: 11/19/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia	
Nitrogen	92.722	88.044	GPM TOTAL C2+	0.351
Methane	0.151	0.082	GPM TOTAL C3+	0.351
Carbon Dioxide	6.275	9.361	GPM TOTAL iC5+	0.343
Ethane	NIL	NIL	NIL	
Propane	NIL	NIL	NIL	
Iso-butane	0.003	0.006	0.001	
n-Butane	0.023	0.045	0.007	
Iso-pentane	0.081	0.198	0.029	
n-Pentane	0.125	0.306	0.045	
Hexanes Plus	0.620	1.958	0.269	
	100.000	100.000	0.351	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0188	3.2176
Calculated Molecular Weight	29.50	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	42	5113
Water Sat. Gas Base BTU	42	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: 1030-25110629-002A

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: 11/25/2025
Station Number: 700376.044.51	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Moore to Jal #1	Sample Conditions:
Method: GPA-2261M	Sample Date: 11/13/2025 02:30
Instrument: HGC 4 + 5, 850 MIB_5 - TCD #4	Received Date: 11/18/2025
Analyzed: 11/21/2025 13:21:18 by KAN	Login Date: 11/19/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	93.994	90.128		GPM TOTAL C2+	0.275
Methane	0.163	0.090		GPM TOTAL C3+	0.275
Carbon Dioxide	5.179	7.802		GPM TOTAL iC5+	0.268
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	0.003	0.006	0.001		
n-Butane	0.018	0.036	0.006		
Iso-pentane	0.061	0.151	0.022		
n-Pentane	0.097	0.240	0.035		
Hexanes Plus	0.485	1.547	0.211		
	100.000	100.000	0.275		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0088	3.2176
Calculated Molecular Weight	29.21	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	33	5113
Water Sat. Gas Base BTU	33	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: 1030-25110629-003A

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: 11/25/2025
Station Number: 700376.044.51	Sampled By: BH
Station Location: Hobbs, NM	Sample Of: Gas Spot
Sample Point: Moore to Jal #1	Sample Conditions:
Method: GPA-2261M	Sample Date: 11/13/2025 13:30
Instrument: HGC 24A + 24B, 850 MIB_4 - Channel 1	Received Date: 11/18/2025
Analyzed: 11/21/2025 13:14:21 by KAN	Login Date: 11/19/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	95.639	92.728		GPM TOTAL C2+	0.227
Methane	0.188	0.104		GPM TOTAL C3+	0.225
Carbon Dioxide	3.616	5.508		GPM TOTAL iC5+	0.217
Ethane	0.009	0.009	0.002		
Propane	0.009	0.014	0.002		
Iso-butane	0.004	0.008	0.001		
n-Butane	0.016	0.032	0.005		
Iso-pentane	0.042	0.105	0.015		
n-Pentane	0.064	0.160	0.023		
Hexanes Plus	0.413	1.332	0.179		
	100.000	100.000	0.227		


Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9976	3.2176
Calculated Molecular Weight	28.89	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	28	5113
Water Sat. Gas Base BTU	28	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 <u>1</u> of <u>1</u>		
			Report To: (Company Name): Talon LPE		Project/Station Name: <i>Moore to tal #1</i>		Project/Station Number: <i>700376.044.51</i>		Project/Station Location: <i>Hobbs, NM</i>				Requested TAT
Address: <i>921 N. Bivins</i>			Special Instructions:									<input type="checkbox"/> 24hr *	
City/State/Zip: <i>Amarillo, Texas 79107</i>												<input type="checkbox"/> 48hr *	
Contact: <i>Jason Shubert</i>												<input type="checkbox"/> 72hr *	
Phone: <i>806-467-0607</i> Fax: <i>806-467-0622</i>												<input type="checkbox"/> Standard	
Invoice To: (Company Name): Talon LPE			Indicate Billing Type:		Net 30 day Acct. <input type="checkbox"/> Check #		Cash Rec'd		S		<input type="checkbox"/> Other Indicate Below		
Address: <i>921 N Bivins</i>			Credit Card <input type="checkbox"/>		Contact SPL, Inc for CC payment arrangements.								
City/State/Zip: <i>Amarillo, Texas 79107</i>			* 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: <i>Jason Shubert</i>													
Phone: <i>806-467-0607</i> Fax: <i>806-467-0622</i>													
PO / Ref. No.:													
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			
<i>Influent 1</i>		<i>11/12</i>	<i>15:30</i>	<i>Gas</i>									
<i>Influent 2</i>		<i>11/13</i>	<i>02:30</i>	<i> </i>									
<i>Influent 3</i>		<i>11/13</i>	<i>13:30</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>			Date:	Time:	Received By-Print Name:			Signature: <i>[Signature]</i>		Date: <i>11/14/25</i>	Time: <i>14:17</i>		
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:			Signature:		Date:	Time:		
Relinquished By-Print Name:			Date:	Time:	Received By-Print Name:			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 79 South Cantrage, TX 75633
(903) 693-5242

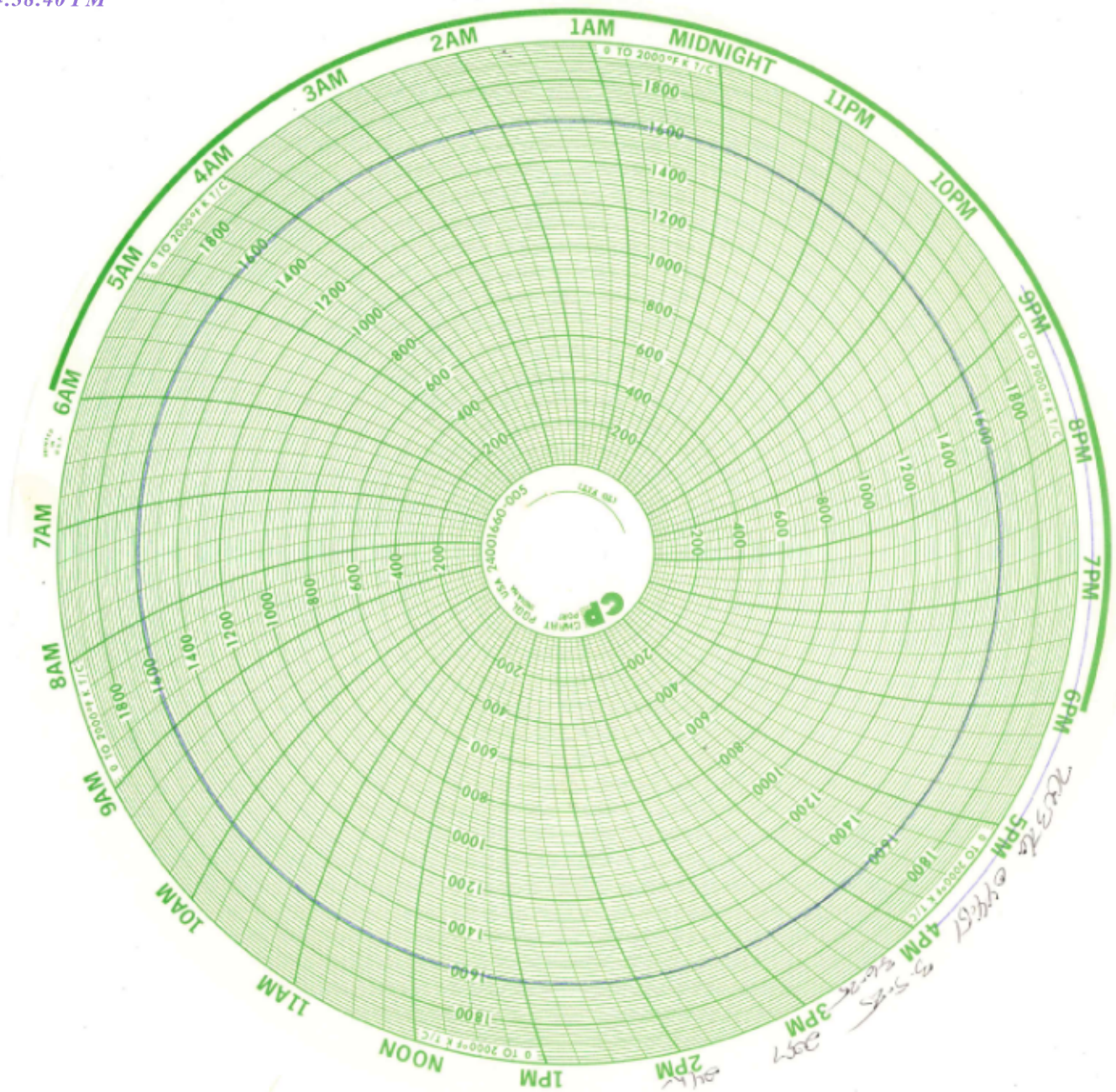
459 Hughes Dr. Traverse City, MI 49666
(616) 947-5777

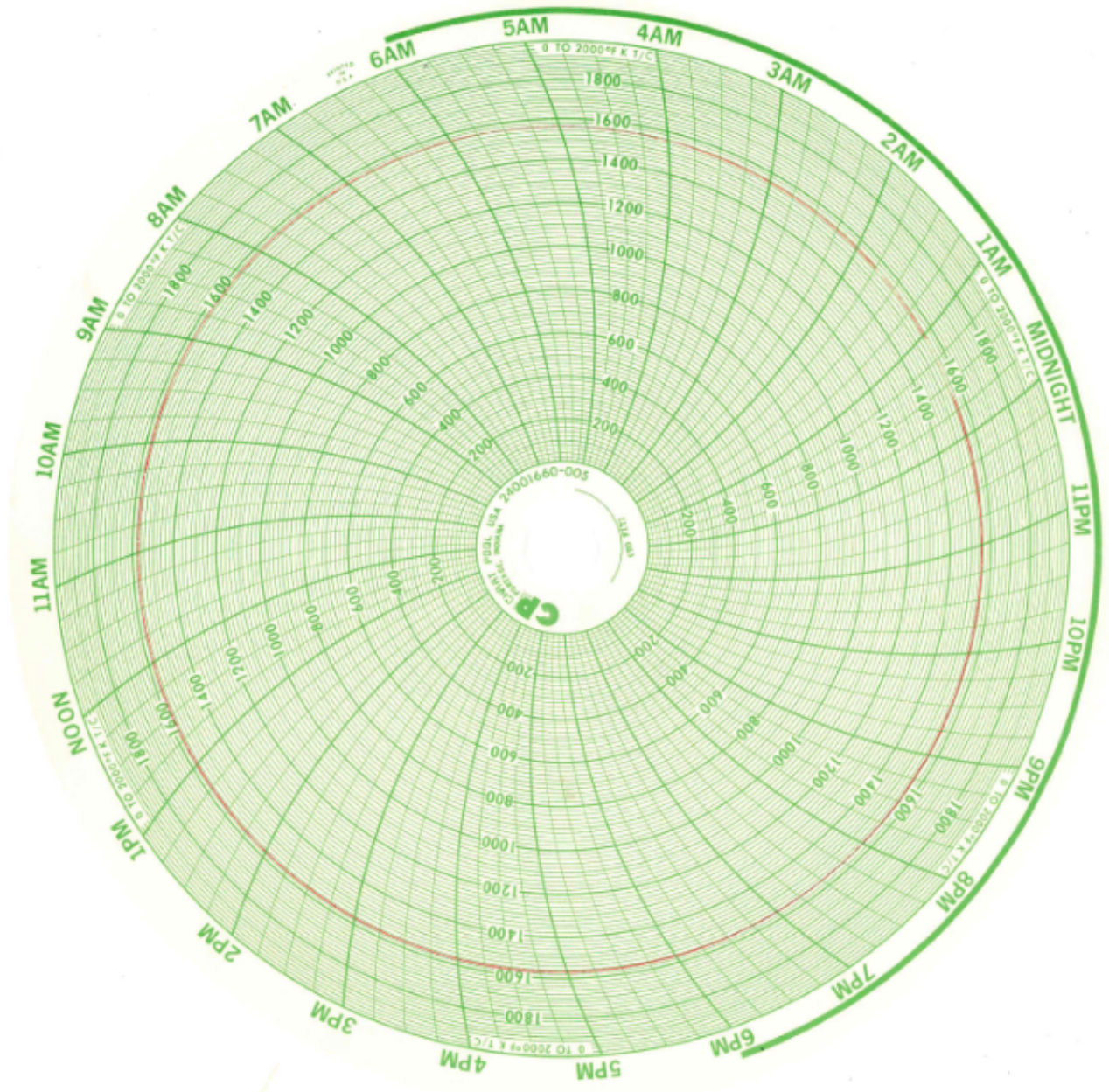
As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be emailed to you.

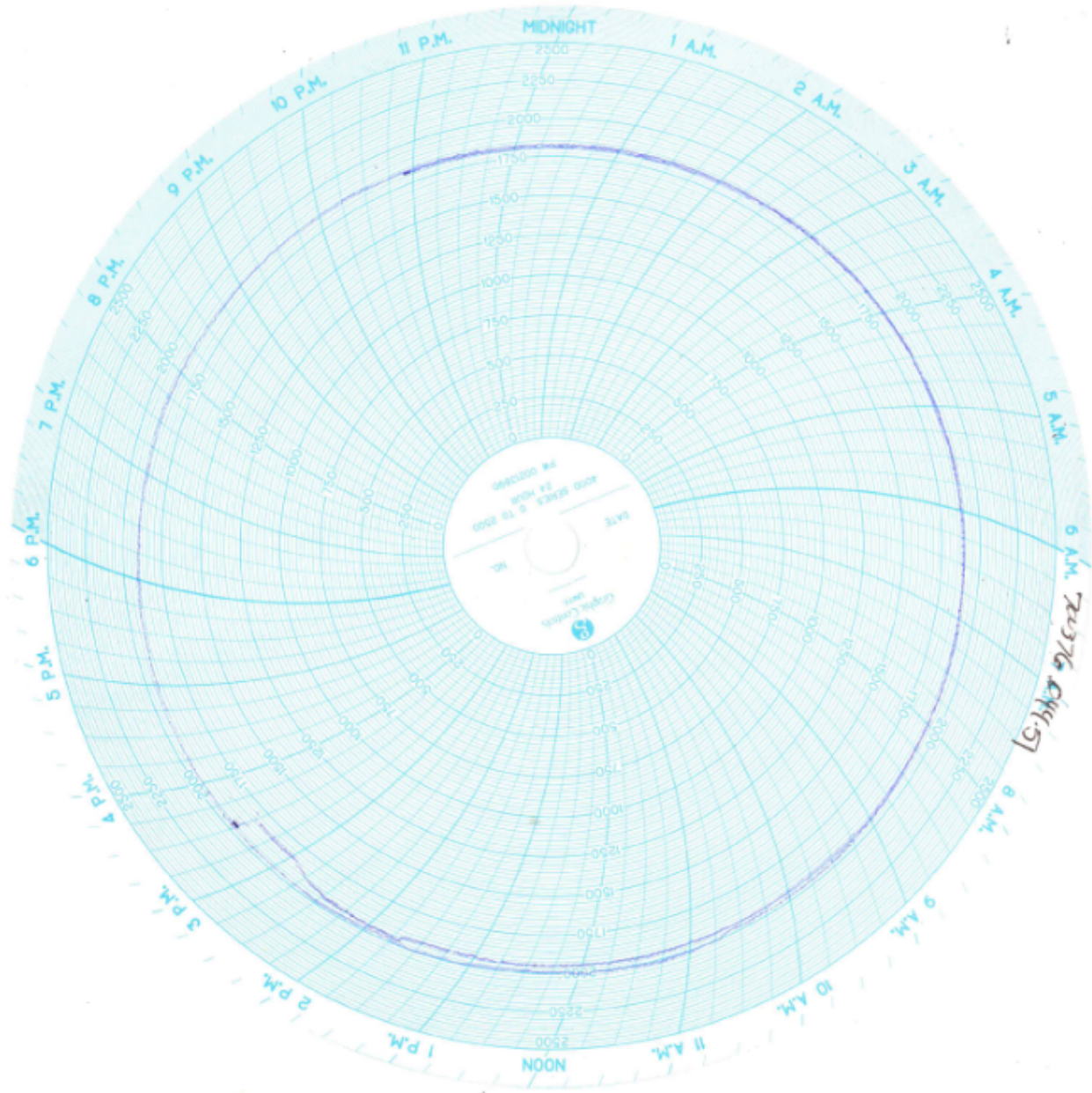


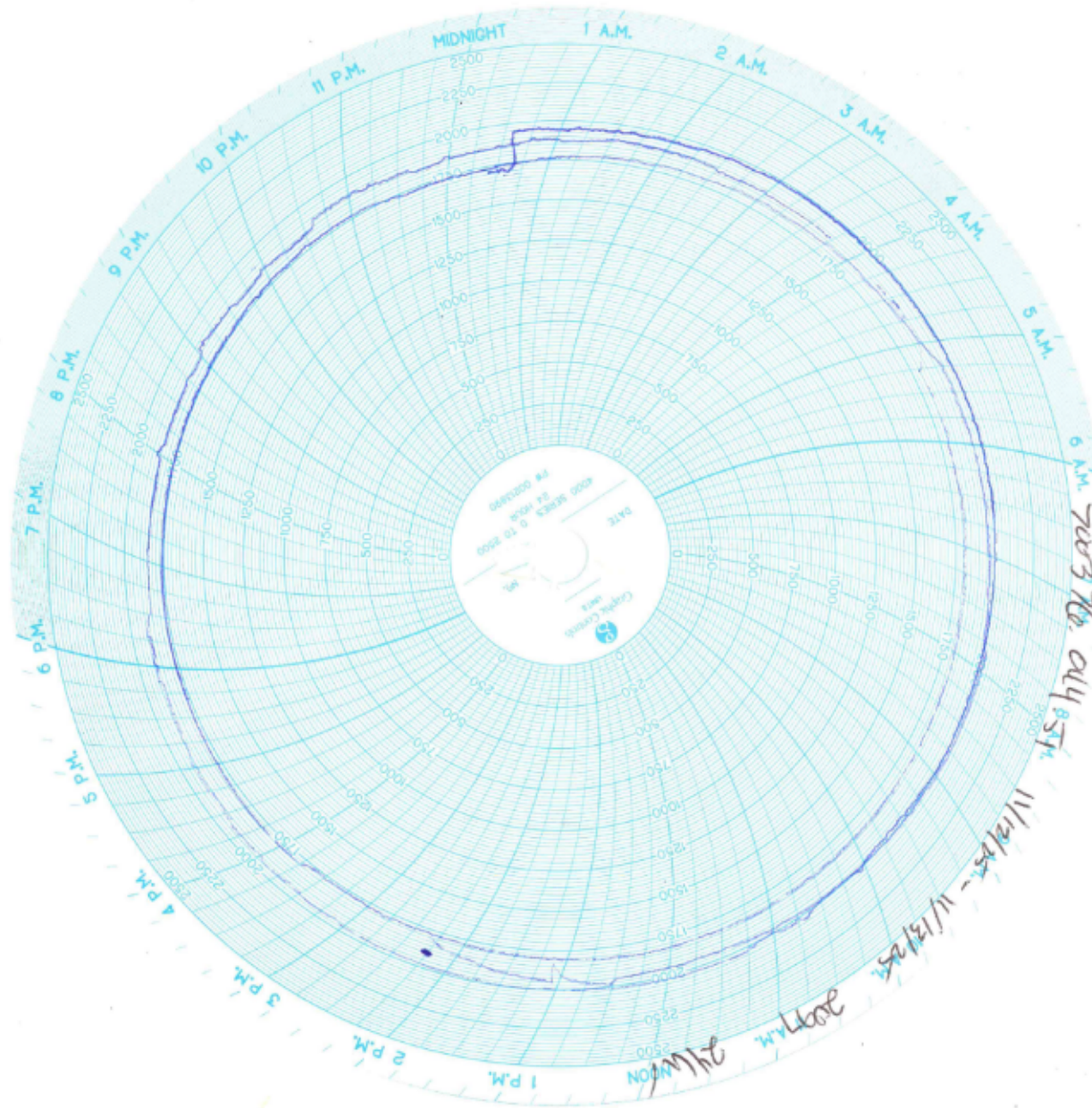
ATTACHMENT 3

Oxidizer Charts









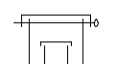



APPENDIX E

Well Logs and Plugging Reports

SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-3A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/28/2025</u>
LATITUDE: <u>32.837069</u>	LONGITUDE: <u>-103.256806</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							0'		
	SP	•••••						7.5YR 6/3 Light Brown, Coarsed Grain Sand and Caliche.	
	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
10	SP	•••••						7.5YR 5/4 Brown, Coarsed Grain Sand and Caliche.	
	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
20	SP	•••••						7.5YR 5/4 Brown, Coarsed Grain Sand and Caliche.	
	SP	•••••						Same as Above	
	SP	•••••						7.5YR 6/3 Light Brown, Sand and Caliche with trace amount of Silt.	
30	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
40	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
50	SP	•••••						Same as Above	
	SP	•••••						5YR 5/3 Reddish Brown, Sand and Caliche with trace amount of Silt.	
60									

REMARKS:	
THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.	

SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-3A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/28/2025</u>
LATITUDE: <u>32.837069</u>	LONGITUDE: <u>-103.256806</u>

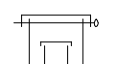















DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
70	SP							Same as Above	
	SP							5YR 5/3 Reddish Brown, Fine Grain Sand and Caliche.	
	SP							Same as Above	
	SP							Same as Above	
80	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
90	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
100	SP							Same as Above	
	SP							Same as Above	
110	SP							Same as Above	
							116'	Bottom of Hole	

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-5A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/29/2025</u>
LATITUDE: <u>32.837406</u>	LONGITUDE: <u>-103.257204</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							0'		
	SP							5YR 5/3 Reddish Brown, Course Sand with Caliche.	
	SP							5YR 6/4 Light Reddish Brown, Sandstone, Caliche.	
	SP							5YR 6/3 Light Brown, Poorly Graded Sand.	
	SP							5YR 6/3 Light Brown, Poorly Graded Sand and Caliche.	
	SP							5YR 6/3 Light Brown, Fine Grain Sand and Caliche.	
10	SP							5YR 6/3 Light Brown, Sand with Limestone and Caliche	
	SP							7.5YR 7/2 Pinkish Gray, Gravely Sand, Course to Fine.	
20	SP							7.5YR 7/2 Pinkish Gray, Caliche, Well Indurated Gravel-Sized Fragments with Silty Sand.	
	SP							7.5YR 7/2 Pinkish Gray, Fine Sand, Course Grained Caliche.	
30	SP							Same as Above	
	SP							Same as Above	
40	SP							Same as Above	
	SP							Same as Above	
50	SP							5YR 5/3 Reddish Brown, Sand and Caliche with Trace amount of Silt.	
	SP							Same as Above	
60									

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-5A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/29/2025</u>
LATITUDE: <u>32.837406</u>	LONGITUDE: <u>-103.257204</u>

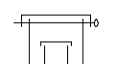
DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
	SP							Same as Above	
	SP							5YR 5/3 Reddish Brown, Fine Grain Sand and Caliche.	
70	SP							Same as Above	
	SP							5YR 5/3 Reddish Brown, Sand and Caliche with Trace amount of Silt.	
80	SP							Same as Above	
	SP							Same as Above	
90	SP							Same as Above	
	SP							Same as Above	
100	SP							Same as Above	
	SP							Same as Above	
110	SP							Same as Above	
							116'	Bottom of Hole	

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-9A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/29/2025</u>
LATITUDE: <u>32.837204</u>	LONGITUDE: <u>-103.256995</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							0'		
	SP	•••••						7.5YR 6/3 Light Brown, Coarsed Grain Sand and Caliche.	
	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
	SP	•••••						7.5YR 7/2 Pink, Coarsed Grain Sand and Caliche.	
	SP	•••••						Same as Above	
10	SP	•••••						7.5YR 5/4 Brown, Coarsed Grain Sand and Caliche.	
	SP	•••••						Same as Above	
	SP	•••••						7.5YR 5/4 Brown, Coarse Grain Sandy Caliche with trace amounts of Iron.	
20	SP	•••••						7.5YR 5/4 Brown, Coarse Grain Sand, Caliche.	
	SP	•••••						7.5YR 6/2 Light Brown, Sand and Caliche with trace amount of Silt.	
30	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
40	SP	•••••						5YR 5/3 Reddish Brown, Sand and Caliche with trace amount of Silt.	
	SP	•••••						Same as Above	
50	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
60									

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-9A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/29/2025</u>
LATITUDE: <u>32.837204</u>	LONGITUDE: <u>-103.256995</u>

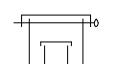















DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
	SP							Same as Above	
	SP							5YR 5/3 Reddish Brown, Fine Grain Sand and Caliche.	
70	SP							Same as Above	
	SP							Same as Above	
80	SP							5YR 5/3 Reddish Brown, Fine Grain Sand with trace amount of Silt.	
	SP							Same as Above	
90	SP							Same as Above	
	SP							Same as Above	
100	SP							Same as Above	
	SP							Same as Above	
110	SP							Same as Above	
							116'	Bottom of Hole	

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-13A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>100</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>15</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/22/2025</u>
LATITUDE: <u>32.836708</u>	LONGITUDE: <u>-103.256928</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							0'		
	SP							7.5YR 6/3 Light Brown, Coarsed Grain Sand and Caliche.	
	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
10	SP							7.5YR 5/4 Brown, Coarsed Sand and Caliche with trace amount of Silt.	
	SP							Same as Above	
20	SP							Same as Above	
	SP							7.5YR 5/4 Brown, Coarse Grain Sandy Caliche.	
30	SP							Same as Above	
	SP							Same as Above	
40	SP							Same as Above	
	SP							5YR 5/3 Reddish Brown, Sand and Caliche with trace amount of Silt.	
50	SP							Same as Above	
	SP							Same as Above	
60									

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-13A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>100</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>15</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/22/2025</u>
LATITUDE: <u>32.836708</u>	LONGITUDE: <u>-103.256928</u>

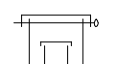
DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
	SP							Same as Above	
	SP							5YR 5/3 Reddish Brown, Fine Grain Sand and Caliche.	
70	SP							Same as Above	
	SP							Same as Above	
80	SP							Same as Above	
	SP							Same as Above	
90	SP							Same as Above	
	SP							Same as Above	
100	SP							Same as Above	
	SP							Same as Above	
110	SP							Same as Above	
							116'	Bottom of Hole	

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-14A</u>	BORE HOLE DIAMETER: <u>6 1/2"</u>
TOTAL DEPTH: <u>118'</u>	SCREEN: Diam. <u>2"</u> Length <u>100'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>2"</u> Length <u>15'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/21/2025</u>
LATITUDE: <u>32.836560</u>	LONGITUDE: <u>-103.256736</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							0'		
	SP	•••••						7.5YR 6/3 Light Brown, Coarsed Grain Sand and Caliche.	
	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
	SP	•••••						7.5YR 7/2 Pink, Coarsed Grain Sand and Caliche	
	SP	•••••						Same as Above	
10	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
20	SP	•••••						7.5YR 5/4 Brown, Course Sand and Caliche with trace amount of Silt.	
	SP	•••••						7.5YR 5/4 Brown, Coarsed Grain, Sandy Caliche.	
	SP	•••••						Same as Above	
30	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
40	SP	•••••						5YR 5/3 Reddish Brown, Sand and Caliche with trace amount of Silt.	
	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
50	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
60									

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-14A</u>	BORE HOLE DIAMETER: <u>6 1/2"</u>
TOTAL DEPTH: <u>118'</u>	SCREEN: Diam. <u>2"</u> Length <u>100'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>2"</u> Length <u>15'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/21/2025</u>
LATITUDE: <u>32.836560</u>	LONGITUDE: <u>-103.256736</u>

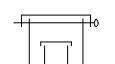
DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
	SP							Same as Above	
	SP							5YR 5/3 Reddish Brown, Fine Grain Sand and Caliche.	
70	SP							Same as Above	
	SP							Same as Above	
80	SP							Same as Above	
	SP							Same as Above	
90	SP							Same as Above	
	SP							Same as Above	
100	SP							Same as Above	
	SP							Same as Above	
110	SP							Same as Above	
	SP							Same as Above	
120							118'	Bottom of Hole	

REMARKS: THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-16A</u>	BORE HOLE DIAMETER: <u>6 1/2"</u>
TOTAL DEPTH: <u>118'</u>	SCREEN: Diam. <u>2"</u> Length <u>100'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>2"</u> Length <u>15'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/21/2025</u>
LATITUDE: <u>32.836630</u>	LONGITUDE: <u>-103.256336</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							0'		
	SP							7.5YR 6/4 Light Brown, Sandy Caliche with trace amounts of Iron.	
	SP							Same as Above	
	SP							5YR 7/3 Pink, Fine Sand with small amounts of Caliche.	
	SP							Same as Above	
	SP							Same as Above	
10	SP							5YR 7/3, Fine Sand	
	SP							Same as Above	
	SP							Same as Above	
20	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
30	SP							5YR 6/4 Light Reddish Brown, Fine Sand.	
	SP							7.5YR 7/3 Pink, Fine Sand.	
	SP							Same as Above	
40	SP							7.5YR 7/3 Pink, Fine Sand.	
	SP							Same as Above	
	SP							7.5YR 7/3 Pink, Fine Sand.	
50	SP							5YR 6/3 Light Reddish Brown, Fine Sand.	
	SP							Same as Above	
60									

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-16A</u>	BORE HOLE DIAMETER: <u>6 1/2"</u>
TOTAL DEPTH: <u>118'</u>	SCREEN: Diam. <u>2"</u> Length <u>100'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>2"</u> Length <u>15'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/21/2025</u>
LATITUDE: <u>32.836630</u>	LONGITUDE: <u>-103.256336</u>

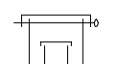
DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
70	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
80	SP							Same as Above	
	SP							Same as Above	
	SP							5YR 5/3 Reddish Brown, Fine Sand.	
90	SP							Same as Above	
	SP							Same as Above	
100	SP							Same as Above	
	SP							Same as Above	
110	SP							Same as Above	
							118'	Bottom of Hole	

REMARKS: THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-19A</u>	BORE HOLE DIAMETER: <u>6 1/2"</u>
TOTAL DEPTH: <u>118'</u>	SCREEN: Diam. <u>2"</u> Length <u>100'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>2"</u> Length <u>15'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/22/2025</u>
LATITUDE: <u>32.836682</u>	LONGITUDE: <u>-103.257422</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							0'		
	SP	[Symbol]						5YR 6/4 Light Reddish Brown, Poorly Graded Sand and Caliche.	
	SP	[Symbol]						Same as Above	
	SP	[Symbol]						Same as Above	
	SP	[Symbol]						Same as Above	
	SP	[Symbol]						Same as Above	
10	SP	[Symbol]						5YR 6/3 Light Reddish Brown, Poorly Graded Sand and Caliche.	
	SP	[Symbol]						Same as Above	
	SP	[Symbol]						Same as Above	
20	SP	[Symbol]						Same as Above	
	SP	[Symbol]						Same as Above	
	SP	[Symbol]						5YR 6/2 Pinkish Gray, Sand with Limestone.	
	SP	[Symbol]						Same as Above	
30	SP	[Symbol]						Same as Above	
	SP	[Symbol]						Same as Above	
	SP	[Symbol]						Same as Above	
40	SP	[Symbol]						Same as Above	
	SP	[Symbol]						Same as Above	
	SP	[Symbol]						5YR 6/3 Light Reddish Brown, Poorly Graded Sand and Limestone	
50	SP	[Symbol]						Same as Above	
	SP	[Symbol]						Same as Above	
	SP	[Symbol]						Same as Above	
60									

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-19A</u>	BORE HOLE DIAMETER: <u>6 1/2"</u>
TOTAL DEPTH: <u>118'</u>	SCREEN: Diam. <u>2"</u> Length <u>100'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>2"</u> Length <u>15'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/22/2025</u>
LATITUDE: <u>32.836682</u>	LONGITUDE: <u>-103.257422</u>

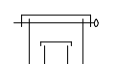
DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
70	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
80	SP							Same as Above	
	SP							Same as Above	
	SP							5YR 7/3 Pink, Fine to Medium Grade Sand with trace amount of Iron.	
90	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
100	SP							Same as Above	
	SP							Same as Above	
110	SP							Same as Above	
							118'	Bottom of Hole	

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-24A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/28/2025</u>
LATITUDE: <u>32.836867</u>	LONGITUDE: <u>-103.257064</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							0'		
	SP							5YR 7/2 Pinkish Gray, Sandy, Caliche.	
	SP							Same as Above	
	SP							Same as Above	
	SP							5YR 7/2 Pinkish Gray, Sandy Caliche, Trace amounts of Iron.	
10	SP							5YR 7/2 Pinkish Gray, Fine Grain Sand and Caliche, Trace amount of Iron.	
	SP							5YR 8/2 Pinkish White, Fine Grain Sand and Caliche.	
	SP							5Y 8/2 Pinkish White, Fine Grain Sand and Caliche.	
20	SP							5Y 8/2 Pinkish Gray, Fine Grain Sand, Caliche, and traces of Iron.	
	SP							2.5YR 7/3 Light Reddish Brown, Silty Sand and Caliche.	
30	SP							2.5YR 7/3 Light Reddish Brown, Sand and Caliche with trace amount of Silt.	
	SP							5YR 7/3 Pink, Silty Sand and Caliche.	
40	SP							5YR 7/3 Pink, Silty Sand and Caliche.	
	SP							Same as Above	
50	SP							5YR 6/3 Light Reddish Brown, Silty Sand and Caliche.	
	SP							5YR 6/4 Light Reddish Brown, Silty Sand and Caliche.	
60									

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-24A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/28/2025</u>
LATITUDE: <u>32.836867</u>	LONGITUDE: <u>-103.257064</u>

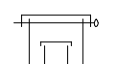






















DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
70	SP							5YR 5/4 Reddish Brown, Fine Grain Sand and Caliche.	
	SP							5YR 5/4 Reddish Brown, Sand, Sandstone.	
	SP							5YR 6/3 Light Reddish Brown, Slightly Silty Fine Sand and Sandstone.	
	SP							5YR 6/3 Light Reddish Brown, Slightly Silty Fine Sand and Sandstone.	
80	SP							Same as Above	
	SP							5YR 7/2 Pinkish Gray, Fine Sand and Sandstone.	
90	SP							Same as Above	
	SP							5YR 7/2 Pinkish Gray Sand, Trace amount of Silt and Cemented Sand.	
100	SP							5YR 7/2 Pinkish Gray and trace amount of Silt and Cement and Sand.	
	SP							Same as Above	
110	SP							Same as Above	
							116'	Bottom of Hole	

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-27A</u>	BORE HOLE DIAMETER: <u>6 1/2"</u>
TOTAL DEPTH: <u>118'</u>	SCREEN: Diam. <u>2"</u> Length <u>100'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>2"</u> Length <u>15'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/22/2025</u>
LATITUDE: <u>32.836212</u>	LONGITUDE: <u>-103.256964</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							0'		
	SP							5YR 6/4 Light Reddish Brown, Poorly Graded Sand and Caliche.	
	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
10	SP							5YR 6/3 Light Reddish Brown, Poorly Graded Sand and Caliche.	
	SP							Same as Above	
	SP							Same as Above	
20	SP							Same as Above	
	SP							Same as Above	
	SP							5YR 6/2 Pinkish Gray, Sand with Limestone.	
	SP							Same as Above	
30	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
40	SP							Same as Above	
	SP							Same as Above	
	SP							5YR 6/3 Light Reddish Brown, Poorly Graded Sand and Limestone.	
	SP							Same as Above	
50	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
60									

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-27A</u>	BORE HOLE DIAMETER: <u>6 1/2"</u>
TOTAL DEPTH: <u>118'</u>	SCREEN: Diam. <u>2"</u> Length <u>100'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>2"</u> Length <u>15'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/22/2025</u>
LATITUDE: <u>32.836212</u>	LONGITUDE: <u>-103.256964</u>

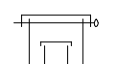
DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
70	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
80	SP							Same as Above	
	SP							Same as Above	
	SP							5YR 7/3 Pink, Fine to Medium Grade Sand with trace amount of Iron.	
90	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
100	SP							Same as Above	
	SP							Same as Above	
110	SP							Same as Above	
							118'	Bottom of Hole	

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-31A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/28/2025</u>
LATITUDE: <u>32.837169</u>	LONGITUDE: <u>-103.256853</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							0'		
	SP							7.5YR 6/3 Light Brown, Coarsed Grain Sand and Caliche.	
	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
10	SP							7.5YR 5/4 Brown, Coarsed Grain Sand and Caliche.	
	SP							Same as Above	
	SP							Same as Above	
20	SP							Same as Above	
	SP							Same as Above	
	SP							7.5YR 5/4 Brown, Coarse Grain Sand and Caliche with trace amount of Iron.	
30	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
40	SP							Same as Above	
	SP							Same as Above	
	SP							5YR 5/3 Reddish Brown, Sand and Caliche with trace amount of Silt.	
50	SP							Same as Above	
	SP							Same as Above	
60	SP							Same as Above	

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-31A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/28/2025</u>
LATITUDE: <u>32.837169</u>	LONGITUDE: <u>-103.256853</u>

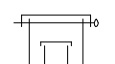
DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
70	SP							Same as Above	
	SP							5YR 5/3 Reddish Brown, Fine Grain Sand and Caliche.	
	SP							Same as Above	
	SP							Same as Above	
80	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
90	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
100	SP							Same as Above	
	SP							Same as Above	
110	SP							Same as Above	
							116'	Bottom of Hole	

REMARKS: THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-33A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/29/2025</u>
LATITUDE: <u>32.836911</u>	LONGITUDE: <u>-103.256366</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							0'		
	SP	•••••						5YR 6/4 Light Reddish Brown, Poorly Graded Sand and Caliche.	
	SP	•••••						Same as Above	
	SP	•••••						2.5YR 6/6, Light Reddish Brown, Poorly Graded Sand and Caliche.	
	SP	•••••						Same as Above	
10	SP	•••••						5YR 6/3 Light Reddish Brown, Poorly Graded Sand and Caliche.	
	SP	•••••							
	SP	•••••						5YR 6/2 Pinkish Gray, Sand with Limestone.	
20	SP	•••••						Same as Above	
	SP	•••••						Same as Above	
30	SP	•••••						5YR 6/3 Light Reddish Brown, Sand with Limestone.	
	SP	•••••						5YR 6/3 Light Reddish Brown, Poorly Graded Sand.	
40	SP	•••••						5YR 6/3 Light Reddish Brown, Poorly Graded Sand.	
	SP	•••••						Same as Above.	
50	SP	•••••						5YR 6/3 Light Reddish Brown, Poorly Graded Sand and Limestone.	
	SP	•••••						5YR 7/3 Pink, Poorly Graded Sand and Limestone.	
60									

REMARKS:
 THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Moore to Jal #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700376.044.52</u>	DRILLER: <u>Jose Salas</u>
CLIENT: <u>Plains All American</u>	DRILLING METHOD: _____
BORING / WELL NUMBER: <u>MW-33A</u>	BORE HOLE DIAMETER: <u>8 1/2"</u>
TOTAL DEPTH: <u>116'</u>	SCREEN: Diam. <u>4"</u> Length <u>93'</u> Slot Size <u>0.20</u>
SURFACE ELEVATION: _____	CASING: Diam. <u>4"</u> Length <u>20'</u> Type <u>PVC</u>
GEOLOGIST: <u>Y Moore/D Adkins</u>	DATE DRILLED: <u>01/29/2025</u>
LATITUDE: <u>32.836911</u>	LONGITUDE: <u>-103.256366</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
70	SP							Same as Above	
	SP							Same as Above	
	SP							Same as Above	
	SP							5YR 6/3 Light Reddish Brown Sand, Limestone.	
80	SP							5YR 7/3 Light Reddish Brown Sand, Limestone.	
	SP							Same as Above	
90	SP							5YR 7/3 Pink, trace amount of Iron, Fine to Medium Grain Sand.	
	SP							5YR 6/2 Pinkish Gray, Fine to Medium Grain Sand.	
100	SP							Same as Above	
	SP							Same as Above	
110	SP							Same as Above	
							116'	Bottom of Hole	

REMARKS: THIS BORING LOG AND WELL DIAGRAM SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.



KEY TO SYMBOLS

Symbol Description

Strata symbols



Poorly graded sand

Misc. Symbols



Water table at
boring completion

Monitor Well Details



capped riser with locking
cover



concrete seal



bentonite pellets



silica sand, blank PVC



slotted pipe w/ sand



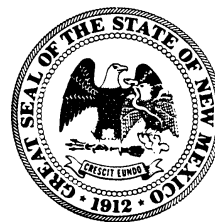
endcap on pipe
packed in sand



silica sand, no pipe
(end plug)



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: POD_Unknown - File # Unknown(MW-1A, MW-2, MW-4A, MW5, MW-6, MW-7, MW-9, MW-11)

Well owner: Plains All American Pipeline, L.P. Phone No.: 575.200.5517

Mailing address: 1106 Griffith Drive

City: Midland State: Texas Zip code: 79705

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Talon/LPE, Ltd.

2) New Mexico Well Driller License No.: WD-1868 Expiration Date: 10/06/2025

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Robert A Meyer and Jose A Salas II

4) Date well plugging began: 1/28/2025 Date well plugging concluded: 1/29/2025

5) GPS Well Location: Latitude: 00 deg, 00 min, 0.00 sec Longitude: -000 deg, 00 min, 0.00 sec, WGS 84 See plugging log for locations

6) Depth of well confirmed at initiation of plugging as: 100.00 ft below ground level (bgl), by the following manner: Water Level Meter

7) Static water level measured at initiation of plugging: Dry ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 06/14/2024

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	Neat Cement	48	54	1" Tremie	MW-1A Lat: 32.837171 Long: -103.257011 4" PVC TD @74'
		55	54		MW-2 Lat: 32.837401 Long: -103.257061 4" PVC TD @84'
		60	62		MW-4A Lat: 32.8366873 Long: -103.257009 4" PVC TD @91.4'
		27	65		MW-5 Lat: 32.837376 Long: -103.257165 4" PVC TD @ 41.5'
		62	65		MW-6 Lat: 32.837015 Long: -103.256852 4" PVC TD @ 94.5'
		57	65		MW-7 Lat: 32.836820 Long: -103.256725 4" PVC TD @ 86.5'
		56	65		MW-9 Lat: 32.837167 Long: -103.256840 4" PVC TD @ 85'
		60	62		MW-11 Lat: 32.837208 Long: -103.257300 4" PVC TD @ 91'

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Robert Meyer, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Robert Meyer

Digitally signed by Robert Meyer
DN: cn=Robert Meyer, o=Billings, ou=15, email=rmeyer@statorpe.com, c=US
Date: 2025.02.24 11:37:41 -0600

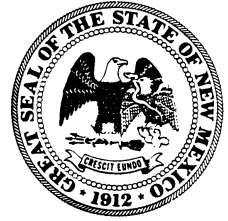
Signature of Well Driller

2/24/25

Date



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: POD_Unknown_File # Unknown(MW-3, MW-10, MW-13, MW-24, MW-25, MW26, MW-29)
 Well owner: Plains All American Pipeline, L.P. Phone No.: 575.200.5517
 Mailing address: 1106 Griffith Drive
 City: Midland State: Texas Zip code: 79705

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Talon/LPE, Ltd.
- 2) New Mexico Well Driller License No.: WD-1868 Expiration Date: 10/06/2025
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Robert A Meyer and Jose A Salas II
- 4) Date well plugging began: 1/28/2025 Date well plugging concluded: 1/29/2025
- 5) GPS Well Location: Latitude: 00 deg, 00 min, 0.00 sec See plugging log for locations
 Longitude: -000 deg, 00 min, 0.00 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 100.00 ft below ground level (bgl),
 by the following manner: Water Level Meter
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: _____
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	Neat Cement	53	52	1" Tremie	MW-3 Lat: 32.837043 Long: -103.2566809 4" PVC TD @ 81.5'
		53	59		MW-10 Lat: 32.837311 Long: -103.257040 4" PVC TD @ 80.4'
		61	63		MW-13 Lat: 32.836677 Long: -103.256935 4" PVC TD @ 94'
		64	59		MW-24 Lat: 32.836851 Long: -103.257150 4" PVC TD @ 98.2'
		62	62		MW-25 Lat: 32.836934 Long: -103.257182 4" PVC TD @ 95'
		64	62		MW-26 Lat: 32.836865 Long: -103.257617 4" PVC TD @ 97.8'
		63	63		MW-29 Lat: 32.836432 Long: -103.256115 4" PVC TD @ 97'

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Robert Meyer, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Robert Meyer

Digitally signed by Robert Meyer
DN: cn=Robert Meyer, o=Billings, ou=15, email=rmeyer@statepe.com, c=US
Date: 2025.02.24 11:41:10 -0600

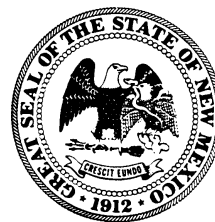
Signature of Well Driller

2/24/25

Date



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: POD_Unkown_File# Unknown(MW-12,MW-14,MW-15,MW-16,MW-17,MW-18,MW-19,MW-20)

Well owner: Plains All American Pipeline, L.P. Phone No.: 575.200.5517

Mailing address: 1106 Griffith Drive

City: Midland State: Texas Zip code: 79705

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Talon/LPE, Ltd.

2) New Mexico Well Driller License No.: WD-1868 Expiration Date: 10/06/2025

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Robert A Meyer and Jose A Salas II

4) Date well plugging began: 1/28/2025 Date well plugging concluded: 1/29/2025

5) GPS Well Location: Latitude: 00 deg, 00 min, 0.00 sec Longitude: -000 deg, 00 min, 0.00 sec, WGS 84 See plugging log for locations

6) Depth of well confirmed at initiation of plugging as: 100.00 ft below ground level (bgl), by the following manner: Water Level Meter

7) Static water level measured at initiation of plugging: Dry ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 06/14/2024

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	Neat Cement	60	65	1" Tremie	MW-12 Lat: 32.837031 Long: -103.257148 4" PVC TD @92'
		63	62		MW-14 Lat: 32.836479 Long: -103.256625 4" PVC TD @95.7'
		59	62		MW-15 Lat: 32.836770 Long: -103.257075 4" PVC TD @89.9'
		62	62		MW-16 Lat: 32.836540 Long: -103.256266 4" PVC TD @ 94.5'
		58	62		MW-17 Lat: 32.837645 Long: -103.257304 4" PVC TD @ 88'
		57	62		MW-18 Lat: 32.837351 Long: -103.257704 4" PVC TD @ 87'
		61	62		MW-19 Lat: 32.836698 Long: -103.257386 4" PVC TD @ 93.5'
		61	62		MW-20 Lat: 32.836698 Long: -103.257063 4" PVC TD @ 92'

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Robert Meyer, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Robert Meyer

Digitally signed by Robert Meyer
DN: cn=Robert Meyer, o=Billings, ou=15, email=rmeyer@stateilpe.com, c=US
Date: 2025.02.24 11:38:27 -0600

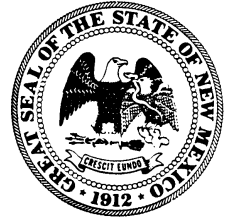
Signature of Well Driller

2/24/25

Date



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: POD_Unknown_File # Unknown(MW-22, MW-23, MW-28, MW-30, MW-31, MW-34)
Well owner: Plains All American Pipeline, L.P. Phone No.: 575.200.5517
Mailing address: 1106 Griffith Drive
City: Midland State: Texas Zip code: 79705

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Talon/LPE, Ltd.
- 2) New Mexico Well Driller License No.: WD-1868 Expiration Date: 10/06/2025
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Robert A Meyer and Jose A Salas II
- 4) Date well plugging began: 1/28/2025 Date well plugging concluded: 1/29/2025
See plugging log for locations
- 5) GPS Well Location: Latitude: 00 deg, 00 min, 0.00 sec
Longitude: -000 deg, 00 min, 0.00 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 100.00 ft below ground level (bgl),
by the following manner: Water Level Meter
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 06/14/2024
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	Neat Cement	60	59	1" Tremie	MW-22 Lat: 32.837568 Long: -103.257890 4" PVC TD @ 91.8'
		60	72		MW-23 Lat: 32.837314 Long: -103.257898 4" PVC TD @ 91'
		65	72		MW-27 Lat: 32.836208 Long: -103.256881 4" PVC TD @ 98.9'
		61	65		MW-28 Lat: 32.836221 Long: -103.256421 4" PVC TD @ 94'
		58	60		MW-30 Lat: 32.837370 Long: -103.256850 4" PVC TD @ 88.3'
		56	59		MW-31 Lat: 32.837232 Long: -103.256733 4" PVC TD @ 86.3'
		59	59		MW-34 Lat: 32.837461 Long: -103.256467 4" PVC TD @ 90.5'

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Robert Meyer, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Robert Meyer

Digitally signed by Robert Meyer
DN: cn=Robert Meyer, o=Billings, ou=15, email=rmeyer@statorpe.com, c=US
Date: 2025.02.24 11:39:36 -0600

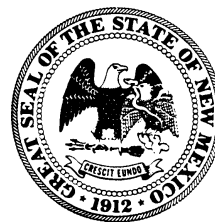
Signature of Well Driller

2/24/25

Date



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: POD_Unknown_File # Unknown(MW-35, MW-36, MW-21, MW-33)
 Well owner: Plains All American Pipeline, L.P. Phone No.: 575.200.5517
 Mailing address: 1106 Griffith Drive
 City: Midland State: Texas Zip code: 79705

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Talon/LPE, Ltd.
- 2) New Mexico Well Driller License No.: WD-1868 Expiration Date: 10/06/2025
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Robert A Meyer and Jose A Salas II
- 4) Date well plugging began: 1/28/2025 Date well plugging concluded: 1/29/2025
- 5) GPS Well Location: Latitude: 00 deg, 00 min, 0.00 sec See plugging log for locations
 Longitude: -000 deg, 00 min, 0.00 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 100.00 ft below ground level (bgl),
 by the following manner: Water Level Meter
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: _____
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	Neat Cement	60	60	1" Tremie	MW-35 Lat: 32.837222 Long: -103.256155 4" PVC TD @ 92'
		60	60		MW-36 Lat: 32.836919 Long: -103.255848 4" PVC TD @ 92'
		60	60		MW-21 Lat: 32.837813 Long: -103.257499 4" PVC TD @ 92'
		63	63		MW-33 Lat: 32.836705 Long: -103.256118 4" PVC TD @ 96'

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

III. SIGNATURE:

I, Robert Meyer, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Robert Meyer

Digitally signed by Robert Meyer
DN: cn=Robert Meyer, o=Drilling, ou=15, email=rmeyer@statorpe.com, c=US
Date: 2025.02.24 11:41:48 -0600

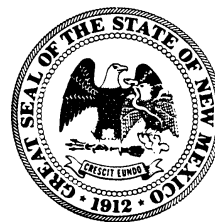
Signature of Well Driller

2/24/25

Date



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: L-13402 - POD 1 (MW-37)

Well owner: Plains All American Pipeline, L.P. Phone No.: 575.200.5517

Mailing address: 1106 Griffith Drive

City: Midland State: Texas Zip code: 79705

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Talon/LPE, Ltd.

2) New Mexico Well Driller License No.: WD-1868 Expiration Date: 10/06/2025

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Robert A Meyer and Jose A Salas II

4) Date well plugging began: 1/29/2025 Date well plugging concluded: 1/29/2025

5) GPS Well Location: Latitude: 32 deg, 50 min, 9.87 sec
Longitude: -103 deg, 15 min, 22.45 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 110.00 ft below ground level (bgl),
by the following manner: Water Level Meter

7) Static water level measured at initiation of plugging: Dry ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 06/14/2024

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
	Neat Cement	66	72	1" Tremie	MW-37 4" PVC TD @ 100.5'

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

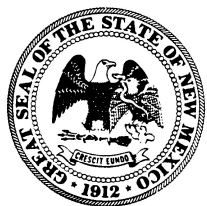
III. SIGNATURE:

I, Robert Meyer, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Robert Meyer
Signature of Well Driller

Digitally signed by Robert Meyer
DN: cn=Robert Meyer, o=Drilling, ou=15, email=rmeyer@statorpe.com, c=US
Date: 2025.02.24 11:40:30 -0600

2/24/25
Date



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1		WELL TAG ID NO. MW-3A		OSE FILE NO(S). L-15798	
	WELL OWNER NAME(S) Plains All American Pipeline, L.P.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 1106 Griffith Drive				CITY Midland	STATE ZIP Texas 79706
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 50	SECONDS 13.4484	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE		N	* DATUM REQUIRED: WGS 84	
	LONGITUDE	103	15	24.5016	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW 1/4, SENW 1/4 of Sec 16, T17S, R37E						

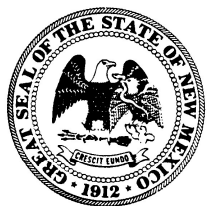
2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1868		NAME OF LICENSED DRILLER Robert Meyer			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd		
	DRILLING STARTED 1/28/25	DRILLING ENDED 1/28/25	DEPTH OF COMPLETED WELL (FT) 113	BORE HOLE DEPTH (FT) 116	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 98		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+3	93	8.50	Sch 40 PVC	Riser	4	0.237	
	93	113	8.50	Sch 40 PVC	Screen	4	0.237	0.020

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	2	8.50	Concrete Pad 2' x 2' x 4"	1.80	Tremie
	2	88	8.50	I/II Portland Cement	17.25	Tremie
	88	90	8.50	Bentonite Seal	1.40	Tremie
	90	113	8.50	8/16 Silica Sand	7.00	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 2		WELL TAG ID NO. MW-5A		OSE FILE NO(S). L-15798		
	WELL OWNER NAME(S) Plains All American Pipeline, L.P.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 1106 Griffith Drive				CITY Midland	STATE Texas	ZIP 79706
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 50	SECONDS 13.6616	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LATITUDE		N	* DATUM REQUIRED: WGS 84		
	LONGITUDE	103	15	25.9344	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW 1/4, SENW 1/4 of Sec 16, T17S, R37E							

2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1868		NAME OF LICENSED DRILLER Robert Meyer			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd		
	DRILLING STARTED 1/29/25	DRILLING ENDED 1/29/25	DEPTH OF COMPLETED WELL (FT) 113	BORE HOLE DEPTH (FT) 116	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 98		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+3	93	8.50	Sch 40 PVC	Riser	4	0.237	
	93	113	8.50	Sch 40 PVC	Screen	4	0.237	0.020

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	2	8.50	Concrete Pad 2' x 2' x 4"	1.80	Tremie
	2	88	8.50	I/II Portland Cement	17.25	Tremie
	88	90	8.50	Bentonite Seal	1.40	Tremie
	90	113	8.50	8/16 Silica Sand	7.50	Tremie


FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

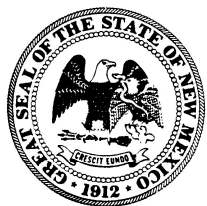
FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	5 YR 5/3 Reddish Brown, Coarse sand with caliche	Y ✓ N	
	4	6	2	5 YR 6/4 Light Reddish Brown sandstone, caliche	Y ✓ N	
	6	10	4	5 YR 6/3 Light Brown, Poorly graded sand	Y ✓ N	
	10	15	5	5 YR 6/3 Light Brown, fine grain sand and caliche	Y ✓ N	
	15	20	5	5 YR 6/3 Light Brown, sand with limestone and caliche	Y ✓ N	
	20	25	5	7.5 YR 7/2 Pinkish Gray, gravely sand, coarse to fine	Y ✓ N	
	25	30	5	7.5 YR 7/2 Pinkish Gray, caliche with interbedded gravel fragments with silty san	Y ✓ N	
	30	55	25	7.5 YR 7/2 Pinkish Gray, fine sand, coarse grained caliche	Y ✓ N	
	55	70	15	5 YR 5/3 Reddish Brown, sand and caliche with trace amounts of silt	Y ✓ N	
	70	80	10	5 YR 5/3 Reddish Brown, fine grained sand and caliche	Y ✓ N	
	80	116	36	5 YR 5/3 Reddish Brown, sand and caliche with trace amounts of silt	✓ Y N	3.00
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 3.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jose Salas		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Robert Meyer	2/24/25
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2	



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 3		WELL TAG ID NO. MW-9A		OSE FILE NO(S). L-15798	
	WELL OWNER NAME(S) Plains All American Pipeline, L.P.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 1106 Griffith Drive				CITY Midland	STATE ZIP Texas 79706
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 50	SECONDS 13.9344	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE N	LONGITUDE 103	15	25.182	W * DATUM REQUIRED: WGS 84
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW 1/4, SENW 1/4 of Sec 16, T17S, R37E						


2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1868		NAME OF LICENSED DRILLER Robert Meyer			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd		
	DRILLING STARTED 1/29/25	DRILLING ENDED 1/29/25	DEPTH OF COMPLETED WELL (FT) 113	BORE HOLE DEPTH (FT) 116	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 98		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+3	93	8.50	Sch 40 PVC	Riser	4	0.237	
	93	113	8.50	Sch 40 PVC	Screen	4	0.237	0.020

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	2	8.50	Concrete Pad 2' x 2' x 4"	1.80	Tremie
	2	88	8.50	I/II Portland Cement	17.25	Tremie
	88	90	8.50	Bentonite Seal	1.40	Tremie
	90	113	8.50	8/16 Silica Sand	8.00	Tremie

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LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	8	8	7.5 YR 6/3 Light Brown, coarsed grained sand and caliche	Y ✓ N	
	8	15	7	7.5 YR 7/2 Pink, coarsed sand and caliche	Y ✓ N	
	15	25	10	7.5 YR Brown, coarsed grain sand and caliche	Y ✓ N	
	25	30	5	7.5 YR 5/4 Brown, coarse grain sandy caliche with trace amounts of iron	Y ✓ N	
	30	35	5	7.5 YR 5/4 Brown, coarse grained sandy caliche	Y ✓ N	
	35	50	15	7.5 YR 6/2 Light Brown, sand and caliche with trace amounts of silt	Y ✓ N	
	50	70	20	5 YR 5/3 Reddish Brown, sand and caliche with trace amounts of silt	Y ✓ N	
	70	85	15	5 YR 5/2 Reddish Brown, fine grained sand and caliche	Y ✓ N	
	85	116	31	5 YR 5/3 Reddish Brown, sand and caliche with trace amounts of silt	✓ Y N	3.00
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 3.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jose Salas		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Robert Meyer <small>Digitally signed by Robert Meyer DN: cn=Robert Meyer, o=Drilling, ou=15, email=rmeyer@talonlpe.com, c=US Date: 2025.02.24 11:45:15 -0600</small>	Robert Meyer _____ DATE 2/24/25
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	

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WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 4		WELL TAG ID NO. MW-13A		OSE FILE NO(S). L-15798	
	WELL OWNER NAME(S) Plains All American Pipeline, L.P.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 1106 Griffith Drive				CITY Midland	STATE ZIP Texas 79706
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 50	SECONDS 12.1488	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE		N	* DATUM REQUIRED: WGS 84	
	LONGITUDE	103	15	24.9408	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW 1/4, SENW 1/4 of Sec 16, T17S, R37E						

2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1868		NAME OF LICENSED DRILLER Robert Meyer			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd		
	DRILLING STARTED 1/22/25	DRILLING ENDED 1/22/25	DEPTH OF COMPLETED WELL (FT) 115	BORE HOLE DEPTH (FT) 116	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 98		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD				ADDITIVES - SPECIFY:			
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+3	95	8.50	Sch 40 PVC	Riser	4	0.237	
	95	115	8.50	Sch 40 PVC	Screen	4	0.237	0.020

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	2	8.50	Concrete Pad 2' x 2' x 4"	1.80	Tremie
	2	95	8.50	I/II Portland Cement	17.25	Tremie
	95	97	8.50	Bentonite Seal	1.40	Tremie
	97	115	8.50	8/16 Silica Sand	6.50	Tremie


FOR OSE INTERNAL USE

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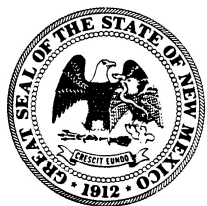
FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	15	15	7.5 YR 6/3 Light Brown, coarsed grained sand and caliche	Y <input checked="" type="checkbox"/> N	
	15	30	15	7.5 YR 5/4 Brown, coarse sand and caliche with trace amounts of silt	Y <input checked="" type="checkbox"/> N	
	30	50	20	7.5 YR Brown, coarsed grain sand and caliche	Y <input checked="" type="checkbox"/> N	
	50	70	20	5 YR 5/3 Reddish Brown, sand and caliche with trace amount of silt	Y <input checked="" type="checkbox"/> N	
	70	116	46	5 YR 5/3 Reddish Brown, fine grained sand and caliche	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	3.00
					Y <input type="checkbox"/> N	
					Y <input type="checkbox"/> N	
					Y <input type="checkbox"/> N	
					Y <input type="checkbox"/> N	
					Y <input type="checkbox"/> N	
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					Y <input type="checkbox"/> N	
					Y <input type="checkbox"/> N	
					Y <input type="checkbox"/> N	
					Y <input type="checkbox"/> N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 3.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jose Salas		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Robert Meyer	Robert Meyer 2/24/25
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE

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LOCATION		WELL TAG ID NO.	PAGE 2 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 5		WELL TAG ID NO. MW-14A		OSE FILE NO(S). L-15798		
	WELL OWNER NAME(S) Plains All American Pipeline, L.P.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 1106 Griffith Drive				CITY Midland	STATE Texas	ZIP 79706
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 50	SECONDS 11.616	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LATITUDE 103	15	24.2496	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW 1/4, SENW 1/4 of Sec 16, T17S, R37E							

2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1868		NAME OF LICENSED DRILLER Robert Meyer			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd		
	DRILLING STARTED 1/21/25	DRILLING ENDED 1/21/25	DEPTH OF COMPLETED WELL (FT) 115	BORE HOLE DEPTH (FT) 118	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 98		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+3	95	6.50	Sch 40 PVC	Riser	2	0.154	
	95	115	6.50	Sch 40 PVC	Screen	2	0.154	0.020

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	2	6.50	Concrete Pad 2' x 2' x 4"	1.80	Tremie
	2	95	6.50	I/II Portland Cement	17.25	Tremie
	95	97	6.50	Bentonite Seal	0.70	Tremie
	97	115	6.50	8/16 Silica Sand	4.50	Tremie

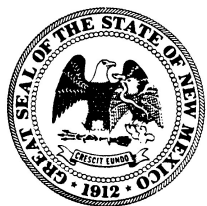
FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	8	8	7.5 YR 6/3 Light Brown, coarsed grain sand and caliche	Y ✓ N	
	8	25	17	7.5 YR 7/2 Pink, coarsed grain sand and caliche	Y ✓ N	
	25	30	5	7.5 YR 5/4 Brown, coarse sand and caliche with trace amounts of silt	Y ✓ N	
	30	50	20	7.5 YR 5/4 Brown, coarsed grained sandy caliche	Y ✓ N	
	50	70	20	5 YR 5/3 Reddish Brown, sand and caliche with trace amounts of silt	Y ✓ N	
	70	118	48	5 YR 5/3 Reddish Brown, fine grain sand and caliche	✓ Y N	3.00
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 3.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jose Salas	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	Digitally signed by Robert Meyer DN: cn=Robert Meyer, o=Drilling, ou=15, email=meyer@talonlpc.com, c=US Date: 2025.02.24 11:46:11 -0600 Robert Meyer	Robert Meyer
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	
	DATE	

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WELL RECORD & LOG

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 6		WELL TAG ID NO. MW-16A		OSE FILE NO(S). L-15798	
	WELL OWNER NAME(S) Plains All American Pipeline, L.P.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 1106 Griffith Drive				CITY Midland	STATE ZIP Texas 79706
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 50	SECONDS 11.868	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE		N	* DATUM REQUIRED: WGS 84	
	LONGITUDE	103	15	22.8096	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE 1/4, SWNE 1/4 of Sec 16, T17S, R37E						

2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1868		NAME OF LICENSED DRILLER Robert Meyer			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd		
	DRILLING STARTED 1/21/25	DRILLING ENDED 1/21/25	DEPTH OF COMPLETED WELL (FT) 115	BORE HOLE DEPTH (FT) 118	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 98		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+3	95	6.50	Sch 40 PVC	Riser	2	0.154	
	95	115	6.50	Sch 40 PVC	Screen	2	0.154	0.020

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	2	6.50	Concrete Pad 2' x 2' x 4"	1.80	Tremie
	2	95	6.50	I/II Portland Cement	17.25	Tremie
	95	97	6.50	Bentonite Seal	0.70	Tremie
	97	115	6.50	8/16 Silica Sand	6.50	Tremie


FOR OSE INTERNAL USE

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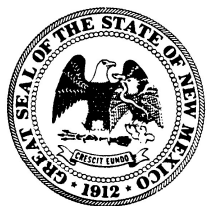
FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	6	6	7.5 YR 6/4 Light Brown, sandy caliche with trace of iron	Y ✓ N	
	6	15	9	7.5 YR 7/3 Pink, fine sand with small amounts of caliche	Y ✓ N	
	15	35	20	5 YR 7/3 Pinkish Gray, fine sand	Y ✓ N	
	35	40	5	5 YR 6/4 Light Reddish Brown, fine sand	Y ✓ N	
	40	55	15	7.5 YR 7/3 Pink, fine sand	Y ✓ N	
	55	95	40	5 YR 6/3 Light Reddish Brown, fine sand	Y ✓ N	
	95	118	23	5 YR 5/3 Reddish Brown, fine sand	✓ Y N	3.00
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 3.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jose Salas		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Digitally signed by Robert Meyer DN: cn=Robert Meyer, o=Drilling, ou=15, email=meyer@talonline.com, c=US Date: 2025.02.24 11:46:37 -0600	Robert Meyer _____ DATE 2/24/25
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
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WELL RECORD & LOG

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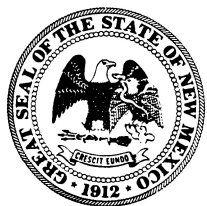
www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 7		WELL TAG ID NO. MW-19A		OSE FILE NO(S). L-15798	
	WELL OWNER NAME(S) Plains All American Pipeline, L.P.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 1106 Griffith Drive				CITY Midland	STATE ZIP Texas 79706
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 50	SECONDS 12.0552	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE		N	* DATUM REQUIRED: WGS 84	
	LONGITUDE	103	15	26.7192	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW 1/4, SENW 1/4 of Sec 16, T17S, R37E						

2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1868		NAME OF LICENSED DRILLER Robert Meyer			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd		
	DRILLING STARTED 1/22/25	DRILLING ENDED 1/22/25	DEPTH OF COMPLETED WELL (FT) 115	BORE HOLE DEPTH (FT) 118	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 98		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+3	95	6.50	Sch 40 PVC	Riser	2	0.154	
	95	115	6.50	Sch 40 PVC	Screen	2	0.154	0.020

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	2	6.50	Concrete Pad 2' x 2' x 4"	1.80	Tremie
	2	95	6.50	I/II Portland Cement	17.25	Tremie
	95	97	6.50	Bentonite Seal	0.70	Tremie
	97	115	6.50	8/16 Silica Sand	6.00	Tremie

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LOCATION			WELL TAG ID NO.	PAGE 1 OF 2	



WELL RECORD & LOG

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 8		WELL TAG ID NO. MW-24A		OSE FILE NO(S). L-15798		
	WELL OWNER NAME(S) Plains All American Pipeline, L.P.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 1106 Griffith Drive				CITY Midland	STATE Texas	ZIP 79706
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 50	SECONDS 12.7212	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LATITUDE		N	* DATUM REQUIRED: WGS 84		
	LONGITUDE	103	15	25.4304	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW 1/4, SENW 1/4 of Sec 16, T17S, R37E							

2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1868		NAME OF LICENSED DRILLER Robert Meyer			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd		
	DRILLING STARTED 1/28/25	DRILLING ENDED 1/28/25	DEPTH OF COMPLETED WELL (FT) 113	BORE HOLE DEPTH (FT) 116	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 98		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+3	93	8.50	Sch 40 PVC	Riser	4	0.237	
	93	113	8.50	Sch 40 PVC	Screen	4	0.237	0.020

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	2	8.50	Concrete Pad 2' x 2' x 4"	1.80	Tremie
	2	88	8.50	I/II Portland Cement	17.25	Tremie
	88	90	8.50	Bentonite Seal	1.40	Tremie
	90	113	8.50	8/16 Silica Sand	7.00	Tremie

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FILE NO.	POD NO.	TRN NO.
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4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	8	8	5 YR 7/2 Pinkish Gray, sandy caliche	Y ✓ N	
	8	15	7	5 YR Pinkish Gray, fine grained sand and caliche with trace amounts of iron	Y ✓ N	
	15	25	10	5 YR 8/2 Pinkish White, fine grained sand and caliche	Y ✓ N	
	25	30	5	5 YR 8/2 Pinkish Gray, fine grain sand, caliche with traces of iron	Y ✓ N	
	30	35	5	7.5 YR 7/3 Light Reddish Brown, silty sand and caliche	Y ✓ N	
	35	40	5	7.5 YR 7/3 Light Reddish Brown, sand and caliche with trace amounts of silt	Y ✓ N	
	40	55	15	5 YR 7/3 Pink, silty sand and caliche	Y ✓ N	
	55	65	10	5 YR 6/4 Light Reddish Brown, silty sand and caliche	Y ✓ N	
	65	70	5	5 YR 5/4 Reddish Brown, fine grain sand and caliche	Y ✓ N	
	70	75	5	5 YR 5/4 Reddish Brown, sand, sandstone	Y ✓ N	
	75	80	5	5 YR 5/4 Reddish Brown, sand and unconsolidated sandstone	Y ✓ N	
	80	90	10	5 YR 6/3 Light Reddish Brown, slightly silty, fine grain sand and sandstone	Y ✓ N	
	90	100	10	5 YR 7/2 Pinkish Gray, fine sand and sandstone	✓ Y N	3.00
	100	116	16	5 YR 7/2 Pinkish Gray, sand trace amounts of silt and cemented sands	✓ Y N	3.00
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 3.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jose Salas	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	Digitally signed by Robert Meyer DN: cn=Robert Meyer, o=Drilling, ou=15, email=rmeyer@talonlpe.com, c=US Date: 2025.02.24 11:47:31 -0600 Robert Meyer	Robert Meyer _____ DATE 2/24/25
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE

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WELL RECORD & LOG

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 9		WELL TAG ID NO. MW-27A		OSE FILE NO(S). L-15798	
	WELL OWNER NAME(S) Plains All American Pipeline, L.P.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 1106 Griffith Drive				CITY Midland	STATE ZIP Texas 79706
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 50	SECONDS 10.3632	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE		N	* DATUM REQUIRED: WGS 84	
	LONGITUDE	103	15	25.0704	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW 1/4, SENW 1/4 of Sec 16, T17S, R37E						

2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1868		NAME OF LICENSED DRILLER Robert Meyer			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd		
	DRILLING STARTED 1/22/25	DRILLING ENDED 1/22/25	DEPTH OF COMPLETED WELL (FT) 115	BORE HOLE DEPTH (FT) 118	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 98		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+3	95	6.50	Sch 40 PVC	Riser	2	0.154	
	95	115	6.50	Sch 40 PVC	Screen	2	0.154	0.020

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	2	6.50	Concrete Pad 2' x 2' x 4"	1.80	Tremie
	2	95	6.50	I/II Portland Cement	17.25	Tremie
	95	97	6.50	Bentonite Seal	0.70	Tremie
	97	115	6.50	8/16 Silica Sand	5.50	Tremie

FOR OSE INTERNAL USE

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LOCATION	WELL TAG ID NO.	PAGE 1 OF 2



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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 10		WELL TAG ID NO. MW-31A		OSE FILE NO(S). L-15798	
	WELL OWNER NAME(S) Plains All American Pipeline, L.P.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 1106 Griffith Drive				CITY Midland	STATE ZIP Texas 79706
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 50	SECONDS 13.4484	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE		N	* DATUM REQUIRED: WGS 84	
	LONGITUDE	103	15	24.5016	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW 1/4, SENW 1/4 of Sec 16, T17S, R37E						

2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1868		NAME OF LICENSED DRILLER Robert Meyer			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd		
	DRILLING STARTED 1/28/25	DRILLING ENDED 1/28/25	DEPTH OF COMPLETED WELL (FT) 113	BORE HOLE DEPTH (FT) 116	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 98		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+3	93	8.50	Sch 40 PVC	Riser	4	0.237	
	93	113	8.50	Sch 40 PVC	Screen	4	0.237	0.020

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	2	8.50	Concrete Pad 2' x 2' x 4"	1.80	Tremie
	2	88	8.50	I/II Portland Cement	17.25	Tremie
	88	90	8.50	Bentonite Seal	1.40	Tremie
	90	113	8.50	8/16 Silica Sand	7.00	Tremie

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4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	15	15	7.5 YR6/3 Light Brown, Coarsed grain sand and caliche	Y ✓ N	
	15	30	15	7.5YR 5/4 Brown, Coarsed grain sand and caliche	Y ✓ N	
	30	50	20	7.5 YR 5/4 Brown, Coarsed grain sand and caliche with trace amounts of iron	Y ✓ N	
	50	70	20	5 YR 5/3 Reddish Brown, sand and claiche with trace amounts of silt	Y ✓ N	
	70	116	46	5 YR 5/3 Reddish Brown, fine grain sand and caliche	✓ Y N	3.00
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 3.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jose Salas		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	Digitally signed by Robert Meyer DN: cn=Robert Meyer, o=Drilling, ou=15, email=rmeyer@talonlpe.com, c=US Date: 2025.02.24 11:48:20 -0600 Robert Meyer	Robert Meyer 2/24/25
SIGNATURE OF DRILLER / PRINT SIGNEE NAME		DATE

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WELL RECORD & LOG

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 11		WELL TAG ID NO. MW-33A		OSE FILE NO(S). L-15798	
	WELL OWNER NAME(S) Plains All American Pipeline, L.P.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 1106 Griffith Drive				CITY Midland	STATE ZIP Texas 79706
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 50	SECONDS 12.8796	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE		N	* DATUM REQUIRED: WGS 84	
	LONGITUDE	103	15	22.9176	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE 1/4, SWNE 1/4 of Sec 16, T17S, R37E						

2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1868		NAME OF LICENSED DRILLER Robert Meyer			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd		
	DRILLING STARTED 1/29/25	DRILLING ENDED 1/29/25	DEPTH OF COMPLETED WELL (FT) 113	BORE HOLE DEPTH (FT) 116	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 98		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+3	93	8.50	Sch 40 PVC	Riser	4	0.237	
	93	113	8.50	Sch 40 PVC	Screen	4	0.237	0.020

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	2	8.50	Concrete Pad 2' x 2' x 4"	1.80	Tremie
	2	88	8.50	I/II Portland Cement	17.25	Tremie
	88	90	8.50	Bentonite Seal	1.40	Tremie
	90	113	8.50	8/16 Silica Sand	7.50	Tremie

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4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	6	6	5 YR 6/4 Light Reddish Brown, poorly sorted sand and caliche	Y ✓ N	
	6	15	9	2.5 YR 6/6 Light Reddish Brown, poorly sorted sand and caliche	Y ✓ N	
	15	20	5	5 YR 6/3 Light Reddish Brown, poorly sorted sand and caliche	Y ✓ N	
	20	35	15	5 YR 6/2 Pinkish Gray, sand with limestone	Y ✓ N	
	35	40	5	5 YR 6/3 Light Reddish Brown, sand with limestone	Y ✓ N	
	40	45	5	5 YR 6/3 Light Reddish Brown, poorly sorted sand	Y ✓ N	
	45	60	15	5 YR 6/3 Light Reddish Brown, poorly sorted sand and limestone	Y ✓ N	
	60	80	20	5 YR 7/3 Pink, poorly sorted sand and limestone	Y ✓ N	
	80	85	5	5 YR 6/3 Light Reddish Brown, sand and limestone	Y ✓ N	
	85	95	10	5 YR 7/3 Pink, sand and limestone	Y ✓ N	
	95	100	5	5 YR 7/3 Pink, fine to medium grain sand with trace amounts of iron	✓ Y N	3.00
	100	116	16	5 YR 6/2 Pinkish Gray, fine to medium grained sand	Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 3.00	
<input checked="" type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:						

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
		MISCELLANEOUS INFORMATION:
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jose Salas	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
		Digitally signed by Robert Meyer DN: cn=Robert Meyer, o=Drilling, ou=15, email=rmeyer@talonline.com, c=US Date: 2025.02.24 11:48:46 -0600 Robert Meyer
		_____ DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
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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 566862

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID: 34053
	Action Number: 566862
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
owen.sitler	1) Continue groundwater monitoring as prescribed. Maintain use of MW-8 and MW-32 for vapor extraction.	5/15/2026
owen.sitler	2) Install additional monitoring wells to complete delineation, no later than August 14, 2026.	5/15/2026
owen.sitler	3) Continue application of MDPE as prescribed.	5/15/2026
owen.sitler	4) Submit to OCD the 2026 Annual Groundwater Report no later than April 2, 2027.	5/15/2026