talonlpe.com • 866.742.0742

TALON LPE

2024 Annual Groundwater Monitoring Report

8" Moore to Jal #2
Lea, New Mexico
SRS # 2002-10273
NMOCD REF. # nAPP2109527131

Prepared For:
Plains Pipeline, L.P.
333 Clay Street
Suite 1600
Houston, Texas 77002

Prepared By:
Talon/LPE, Ltd.
408 Texas Avenue
Artesia, New Mexico 88210

August 5, 2025

2024 ANNUAL GROUNDWATER MONITORING REPORT

8" Moore to Jal #2
Lea, New Mexico
SRS # 2002-10273
NMOCD REF. # nAPP2109527131

Plains Pipeline, L.P.
333 Clay Street, Suite 1600
Houston, Texas 77002

Prepared By:

Brian Payton
Regional Manger

Reviewed By:

Paul Santos, P.E.
Director of Engineering Services

PAUL A. SANTOS
NEW MEXICO
17808
LICENSED PROFESSIONAL ENGINEER
8/5/25

Talon/LPE, Ltd.
408 Texas Avenue
Artesia, New Mexico 88210

August 5, 2025

DISTRIBUTION LIST

Name	Title	Company or Agency	Mailing Address	E-mail
Nelson Velez	Environmental Specialist - Advanced	NMOCD	1000 Rio Brazos Road Aztec, New Mexico 87410	Nelson.Velez@emnrd.nm.gov
Ryan Mann	Remediation Specialist	NMSLO	2827 N. Dal Paso, Ste. 117 Hobbs, New Mexico 88240	RMann@slo.state.nm.us
Karolanne Hudgens	HSE Remediation Specialist II	Plains Pipeline	1106 Griffith Drive Midland, Texas 79706	karolanne.hudgens@plains.com
Brian Payton	Regional Manager	Talon/LPE	2901 Tx-349 Midland, Texas 79706	bpayton@talonlpe.com

NMOCD – New Mexico Oil Conservation Division

NMSLO – New Mexico State Land Office

TABLE OF CONTENTS

APPENDICES

1. INTRODUCTION AND SITE HISTORY

The 8" Moore to Jal #2 (site) is located approximately 9.2 miles southeast of Lovington in Unit Letter J, Section 16, Township 17 South and Range 37 East in Lea County, New Mexico, on property owned by the State of New Mexico. The site is located within the West Lovington Oil Field at 32.832391° N, 103.252477° W. There are no residences, groundwater wells, or surface water bodies within a 1,000-foot radius of the site. The initial release occurred from an EOTT Energy Pipeline (EOTT) steel pipeline on October 22, 2002. Subsequently, EOTT changed its name to Link Energy in October 2003, and Plains Pipeline, L.P. purchased the assets of Link Energy on April 1, 2004. Initial reports estimated that 25 barrels (bbls) of crude oil were released. Approximately 5,794 square feet of surface area was impacted by the release.

On February 5, 2007, Talon/LPE was retained by Plains to assume remediation activities at the site. Remediation activities at the site were previously conducted by Environmental Plus, Inc. (EPI).

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 contains abundant eroded gravel to cobble size caliche fragments. Below the top soil is predominately unconsolidated sand to weakly cemented sandstone which has undergone calichification of varying extent.

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

1.2 Previous Environmental Investigations

Currently, there are a total of 18 groundwater monitor wells existing in the vicinity of the release (see Figure 1 in Appendix A). With New Mexico Oil Conservation Division (NMOCD) approval and landowner concurrence, groundwater monitor well MW-1 was installed in July 2004. Subsequently, groundwater monitor wells MW-2, MW-3, and

MW-4 were installed in October 2004, monitor wells MW-6 through MW-13 were installed in November 2007, monitor wells MW-14 through MW-16 were installed in March of 2010 and monitor wells MW-17 through MW-21 were installed in August of 2010. Replacement wells MW-3A and MW-4A and down-gradient monitor wells MW-22 and MW-23 were installed in December of 2013. Monitoring well MW-21 was found to be destroyed in June 2020. Replacement monitor well MW-21A was installed in September of 2020. Replacement wells MW-1A, MW-2A, MW-5A, MW-6A, MW-7A, MW-9A, MW-11A, MW-12A, MW-14A, MW-15A, MW-18A, and MW-19A and MW-24 were installed in September 2024. Monitoring wells MW-1, MW-2, and MW-5 through MW-20 were plugged and abandoned in September 2024.

Phase-separated hydrocarbon (PSH) recovery operations were performed at the site from 2004 to 2020. Table 1, which summarizes historical groundwater and PSH gauging, is provided in Appendix B.

One (1) air sparge utilized in monitor well (MW-6) from January through September 2022 but was removed during the fourth quarter of 2022 due to the decline of water levels at the site.

All fluids generated during the reporting period are transferred to on-site storage containers prior to transportation, via vacuum truck, to an approved NMOCD disposal facility.

During 2024, a total of four (4) groundwater monitoring events were conducted in March, June, September, and December.

1.3 Regulatory Framework

Groundwater analytical data from this site was evaluated to the New Mexico Water Quality Control Commission (NMWQCC) groundwater standards.

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 2024. Analytical results for the four (4) sampling events are summarized in Table 2 and Table 3 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 site assessment activities, groundwater monitoring, and PSH recovery conducted at the site during the year 2024. The primary function of groundwater monitoring activities is to collect depth to fluid measurements and collect groundwater samples for laboratory analysis. The objective of groundwater monitoring is to evaluate the status of the dissolved-phase and PSH plumes in order to verify the effectiveness of the remediation system as to inhibiting plume migration, reducing the volume of PSH impact to the groundwater and determining if modifications to the remediation system would improve performance and efficiency.

2.1 Site Assessment Activities

On September 24, 2024, eighteen (18) monitor wells (MW-1, MW-2, and MW-5 through MW-20) were plugged and abandoned due to decreasing groundwater levels. Twelve (12) replacement monitor wells (MW-1A, MW-2A, MW-5A, MW-6A, MW-7A, MW-9A, MW-11A, MW-12A, MW-14A, MW-15A, MW-18A, and MW-19A) and one (1) new well (MW-24) were installed on September 17 to 19, and 24, 2024.

Talon/LPE supervised the advancement and installation of thirteen (13) 2-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 and Monitoring Well Logs are provided in Appendix D. In addition, State of New Mexico Plugging Reports are provided in Appendix D.

2.2 Groundwater Monitoring Activities

A total of four (4) groundwater monitoring events were conducted by Talon/LPE in 2024. The events occurred in: March, June, September, and December.

During the March 2024 groundwater monitoring event, all 23 monitor wells were gauged. A total of three (3) monitor wells (MW-3A, MW-4A, and MW-21A) were purged and sampled. It was noted that 18 monitor wells (MW-1, MW-2, MW-5 through MW-14, MW-17 through MW-20, MW-22, and MW-23) were dry when gauged and monitor wells MW-15 and MW-16 had an obstruction; therefore, the aforementioned wells were not purged or sampled. Details of the gauging, purging, and sampling activities are presented in Section 2.3.

During the June 2024 groundwater monitoring event, all 23 monitor wells were gauged. A total of three (3) monitor wells (MW-3A, MW-4A, and MW-21A) were purged and sampled. It was noted that 18 monitor wells (MW-1, MW-2, MW-5 through MW-14,

MW-17 through MW-20, MW-22, and MW-23) were dry when gauged and monitor wells MW-15 and MW-16 had an obstruction; therefore, the aforementioned wells were not purged or sampled. Details of the gauging, purging, and sampling activities are presented in Section 2.3.

During the September 2024 groundwater monitoring event, all 23 monitor wells were gauged. A total of three (3) monitor wells (MW-3A, MW-4A, and MW-21A) were purged and sampled. It was noted that 18 monitor wells (MW-1, MW-2, MW-5 through MW-14, MW-17 through MW-20, MW-22, and MW-23) were dry when gauged, monitor well MW-10 did not have enough water to sample, and monitor wells MW-15 and MW-16 had an obstruction; therefore, the aforementioned wells were not purged or sampled. Details of the gauging, purging, and sampling activities are presented in Section 2.3.

During the December 2024 groundwater monitoring event, all 18 monitor wells were gauged. A total of 16 monitor wells (MW-1A through MW-7A, MW-9A, MW-11A, MW-12A, MW-14A, MW-15A, MW-18A, MW-19A, MW-21A, and MW-24) were purged and sampled. It was noted that two (2) monitor wells (MW-22 and MW-23) were dry when gauged ; therefore, the aforementioned wells were not purged or sampled. Details of the gauging, purging, and sampling activities are presented in Section 2.3.

2.3 Groundwater Gauging, Purging, and Sampling Procedures

During each groundwater monitoring event, monitor wells were measured with an oil/ water interface probe to determine static water levels and PSH thickness, if present. The data collected from measurements were used to construct groundwater gradient maps and PSH thickness maps. Table 1 – Groundwater and NAPL Thickness - Historical included in Appendix B contains all depth to fluid data collected during 2024.

Subsequent to gauging, all monitor wells were purged using a 12-volt submersible pump equipped with vinyl 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. After the groundwater monitoring event, the fluids generated were transferred to on-site storage containers prior to transportation, via vacuum truck, to an approved NMOCD disposal facility.

Groundwater samples were collected from monitor wells that did not exhibit the presence of PSH using dedicated disposable polyethylene bailers. All samples were contained in appropriately preserved laboratory supplied sample vials required for the requested analysis. The samples were maintained on ice in the custody of Talon/LPE personnel until submittal to Permian Basin Environmental in Midland, Texas for analysis. The

groundwater samples collected during 2024 were analyzed for benzene, toluene, ethylbenzene, and xylene (BTEX) by Environmental Protection Agency (EPA) Method SW-846 8021B. The groundwater sample collected from MW-21A during the March 2024 event was analyzed for polycyclic aromatic hydrocarbons (PAH) by EPA Method 8270C.

2.4 Phase Separated Hydrocarbon Recovery

Prior to October 2008, a mobile recovery trailer equipped with total fluids pumps was mobilized to the site on a weekly basis to recover PSH from monitor wells (MW-1, MW-2, MW-3, MW-5, MW-6, MW-7, and MW-9).

On October 7, 2008, a permanent system was installed utilizing two (2) AP-4 pneumatic total fluid pumps in monitor wells (MW-1 and MW-7) and four (4) skimmer pumps in monitor wells (MW-3, MW-5, MW-6, and MW-9) to recover PSH and to inhibit migration of the PSH plume. In 2013, the skimmer pumps in MW-5 and MW-6 were replaced with total fluids pumps. In 2014, the skimmer pump in MW-9 was replaced with a total fluids pump. The system of total fluids pumps are powered by a single-phase, 230-volt, 7.5 HP two-stage reciprocating air compressor. Fluid recovered by the pumps is retained in a 6,250-gallon poly tank staged on-site. The tank is equipped with a high level shut off switch to prevent overflow and is located within a secondary containment compound outfitted with a poly-liner. Recovered PSH was periodically removed from the recovery tank with a vacuum truck and reintroduced to the Plains pipeline system at the Plains operated Lea Station. Recovered groundwater was transported to an approved NMOCD disposal facility, via vacuum truck.

Approximately 230.73 bbls of crude oil have been recovered at the subject site since PSH recovery activities were initiated. Currently, there are no active fluid recovery operations at the site.

One (1) air sparge was in use at MW-6 from January through September 2022. It was removed during the fourth quarter of 2022 due to the decline of water levels at the site.

Currently, there is no product recovery being performed due to insufficient groundwater levels.

3. GROUNDWATER MONITORING RESULTS

The results of the laboratory analyses are summarized in Table 2 – Groundwater Analytical Data – 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 Monitoring Well Installation

On September 17-19, and September 24, 2024, 13 borings were advanced. The borings drilled were converted to 2-inch diameter polyvinyl chloride (PVC) monitor wells. Each boring was drilled to a depth of approximately 130 feet bgs. Twenty (20) feet of schedule 40 PVC well screen was installed from 105 feet bgs to 125 feet bgs and riser was installed above the screen followed by approximately three (3) feet of aboveground riser pipe necessary for the above ground completion. The wells have an 8/16 silica sand filter pack extending two (2) feet above the screen, a hydrated bentonite seal extending two (2) feet above the sand filter pack, and a 101 feet cement grout cap. The well completions include a locking well cap and a stick-up well cover. The locations of each well are presented on Figure 1 in Appendix A. State of New Mexico Well Reports are provided in Appendix D.

On September 24, 2024, eighteen (18) monitoring wells (MW-1, MW-2, and MW-5 through MW-20) were plugged and abandoned. The wells were filled with bentonite ranging from 82.5 feet and 120 feet in thickness and then a two (2) foot layer of concrete was poured on top until it was at the ground surface.

3.2 Physical Characteristics of the First Water-Bearing Zone

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

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

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

The composition of Ogallala groundwater is defined as mixed-cation-HCO_3, therefore, Ogallala groundwater is considered hard. Problems with scale have occurred with residential and commercial water systems that use Ogallala groundwater and often treatment strategies are employed to reduce the effects of scale. The typical total dissolved solids of Ogallala groundwater in the Hobbs-Lovington area is generally less than 1,000 mg/L (ppm) in areas not impacted by oil-field brines. The pH of Ogallala water averages 7.3.

3.3 Groundwater Gradient and Flow Direction

The depth to fluid measurements was collected during each of the four (4) groundwater monitoring events during the year 2024. The results of the fluid level measurements are summarized in Table 1 - Gauging and NAPL Thickness – Historical in Appendix B.

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

- March 06, 2024
- June 06, 2024
- September 09, 2024
- December 09, 2024

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 2024 and December 2024 was southeast. Groundwater levels at the subject site have exhibited a decrease of an average of 1.43 feet for the year 2024 that appears to be associated with a regional trend of fluctuating groundwater levels for the Ogallala Aquifer.

3.4 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 2024 sampling event, PSH was not observed in any monitor wells.

During the June 2024 sampling event, PSH was not observed in any monitor wells.

During the September 2024 sampling event, PSH was not observed in any monitor wells.

During the December 2024 sampling event, PSH was not observed in any monitor wells.

3.5 Groundwater Sampling Results

During the March 2024 sampling event, three (3) monitor wells (MW-3A, MW-4A, and MW-21A) were sampled. Groundwater samples collected from these wells exhibited the following analytical results:

- Benzene concentrations were below the applicable laboratory MDLs in all wells sampled. Benzene concentrations did not exceed the NMWQCC groundwater standard of 0.010 mg/L in any monitor wells sampled this quarter.
- Toluene concentrations were below the applicable laboratory MDLs in all wells sampled. Toluene concentrations did not exceed the NMWQCC groundwater standard of 0.750 mg/L in any monitor wells sampled this quarter.
- Ethylbenzene concentrations were below the applicable laboratory MDLs in all wells sampled. Ethylbenzene concentrations did not exceed the NMWQCC groundwater standard of 0.750 mg/L in any monitor wells sampled this quarter.
- Xylene concentrations were below the applicable laboratory MDLs in all wells sampled. Xylene concentrations did not exceed the NMWQCC groundwater standard of 0.620 mg/L in any monitor wells sampled this quarter.
- PAH analyte concentrations were below the applicable laboratory MDLs in the sample from MW-21A.

During the June 2024 sampling event, three (3) monitor wells (MW-3A, MW-4A, and MW-21A) were sampled. Groundwater samples collected from these wells exhibited the following analytical results:

- Benzene concentrations were below the applicable laboratory MDLs in all wells sampled. Benzene concentrations did not exceed the NMWQCC groundwater standard of 0.010 mg/L in any monitor wells sampled this quarter.

- Toluene concentrations were below the applicable laboratory MDLs in all wells sampled. Toluene concentrations did not exceed the NMWQCC groundwater standard of 0.750 mg/L in any monitor wells sampled this quarter.
- Ethylbenzene concentrations were below the applicable laboratory MDLs in all wells sampled. Ethylbenzene concentrations did not exceed the NMWQCC groundwater standard of 0.750 mg/L in any monitor wells sampled this quarter.
- Xylene concentrations were below the applicable laboratory MDLs in all wells sampled. Xylene concentrations did not exceed the NMWQCC groundwater standard of 0.620 mg/L in any monitor wells sampled this quarter.

During the September 2024 sampling event, three (3) monitor wells (MW-3A, MW-4A, and MW-21A) were sampled. Groundwater samples collected from these wells exhibited the following analytical results:

- Benzene concentrations were below the applicable laboratory MDLs in all wells sampled. Benzene concentrations did not exceed the NMWQCC groundwater standard of 0.010 mg/L in any monitor wells sampled this quarter.
- Toluene concentrations were below the applicable laboratory MDLs in all wells sampled. Toluene concentrations did not exceed the NMWQCC groundwater standard of 0.750 mg/L in any monitor wells sampled this quarter.
- Ethylbenzene concentrations were below the applicable laboratory MDLs in all wells sampled. Ethylbenzene concentrations did not exceed the NMWQCC groundwater standard of 0.750 mg/L in any monitor wells sampled this quarter.
- Xylene concentrations were below the applicable laboratory MDLs in all wells sampled. Xylene concentrations did not exceed the NMWQCC groundwater standard of 0.620 mg/L in any monitor wells sampled this quarter.

During the December 2024 sampling event, 16 monitor wells (MW-1A through MW-7A, MW-9A, MW-11A, MW-12A, MW-14A, MW-15A, MW-18A, MW-19A, MW-21A, and MW-24) were sampled. Groundwater samples collected from these wells exhibited the following analytical results:

- Benzene concentrations were below the applicable laboratory MDLs in all wells with the exception of MW-1A, MW-5A, and MW-6a, which exhibited benzene concentrations of 0.0186 mg/L, 0.0119 mg/L, and 0.00239 mg/L, respectively. Benzene concentrations exceeded the NMWQCC groundwater standard of 0.010 mg/L in monitor wells MW-1A and MW-5A with benzene concentrations of 0.0186 mg/L and 0.0119 mg/L this quarter.

- Toluene concentrations were below the applicable laboratory MDLs in all wells with the exception of MW-1A, which exhibited a toluene concentration of 0.00122 mg/L. Toluene concentrations did not exceed the NMWQCC groundwater standard of 0.750 mg/L in any monitor wells sampled this quarter.
- Ethylbenzene concentrations were below the applicable laboratory MDLs in all wells sampled. Ethylbenzene concentrations did not exceed the NMWQCC groundwater standard of 0.750 mg/L in any monitor wells sampled this quarter.
- Xylene concentrations were below the applicable laboratory MDLs in all wells with the exception of MW-1A, which exhibited a xylene concentration of 0.00775 mg/L. Xylene concentrations did not exceed the NMWQCC groundwater standard of 0.620 mg/L in any monitor wells sampled this quarter.

The results of the laboratory analyses are summarized in Table 2 – Groundwater Analytical Data – Historical in Appendix B. Laboratory analytical data reports and chain of custody documentation are provided in Appendix C.

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 based on the water level measurement data collected in 2024.
- Groundwater levels at the subject site have decreased an average of 1.57 feet for the year 2024.
- PSH has not impacted monitor wells in 2024.
- Replacement wells MW-1A, MW-2A, MW-5A, MW-6A, MW-7A, MW-9A, MW-11A, MW-12A, MW-14A, MW-15A, MW-18A, MW-19A, and MW-24 were installed in September 2024. Monitoring wells MW-1, MW-2, and MW-5 through MW-20 were plugged and abandoned during the same period.
- During the December 2024 sampling event, benzene concentrations exceeded the NMWQCC groundwater standard of 0.010 mg/L in monitor wells MW-1A and MW-5A with benzene concentrations of 0.0186 mg/L and 0.0119 mg/L, respectively.

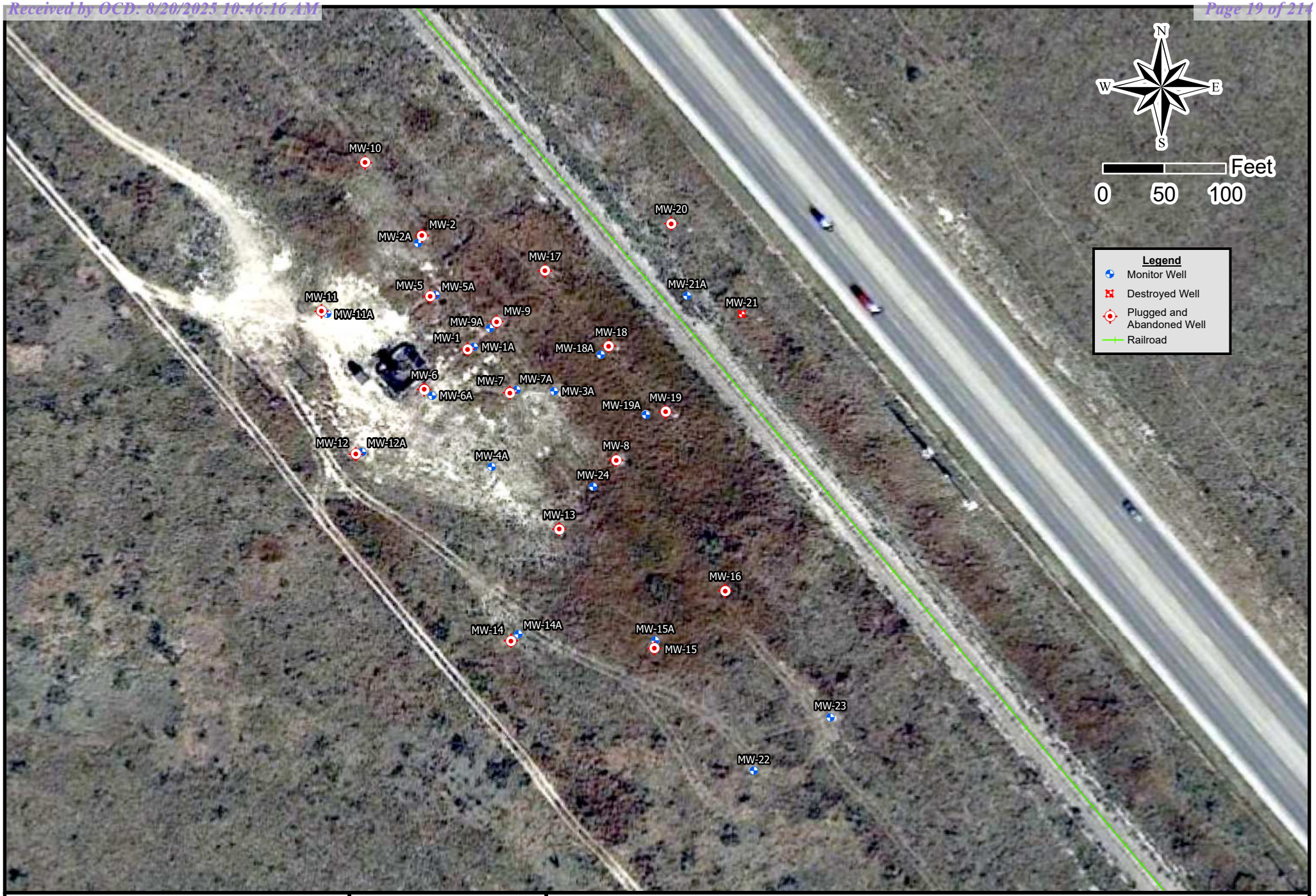
4.2 Recommendations

Based upon the results of the quarterly groundwater monitoring and PSH recovery efforts, Talon/LPE proposes the following actions:

- Perform quarterly groundwater monitoring events in accordance with NMOCD directives.

APPENDIX A

Figures



TALON LPE

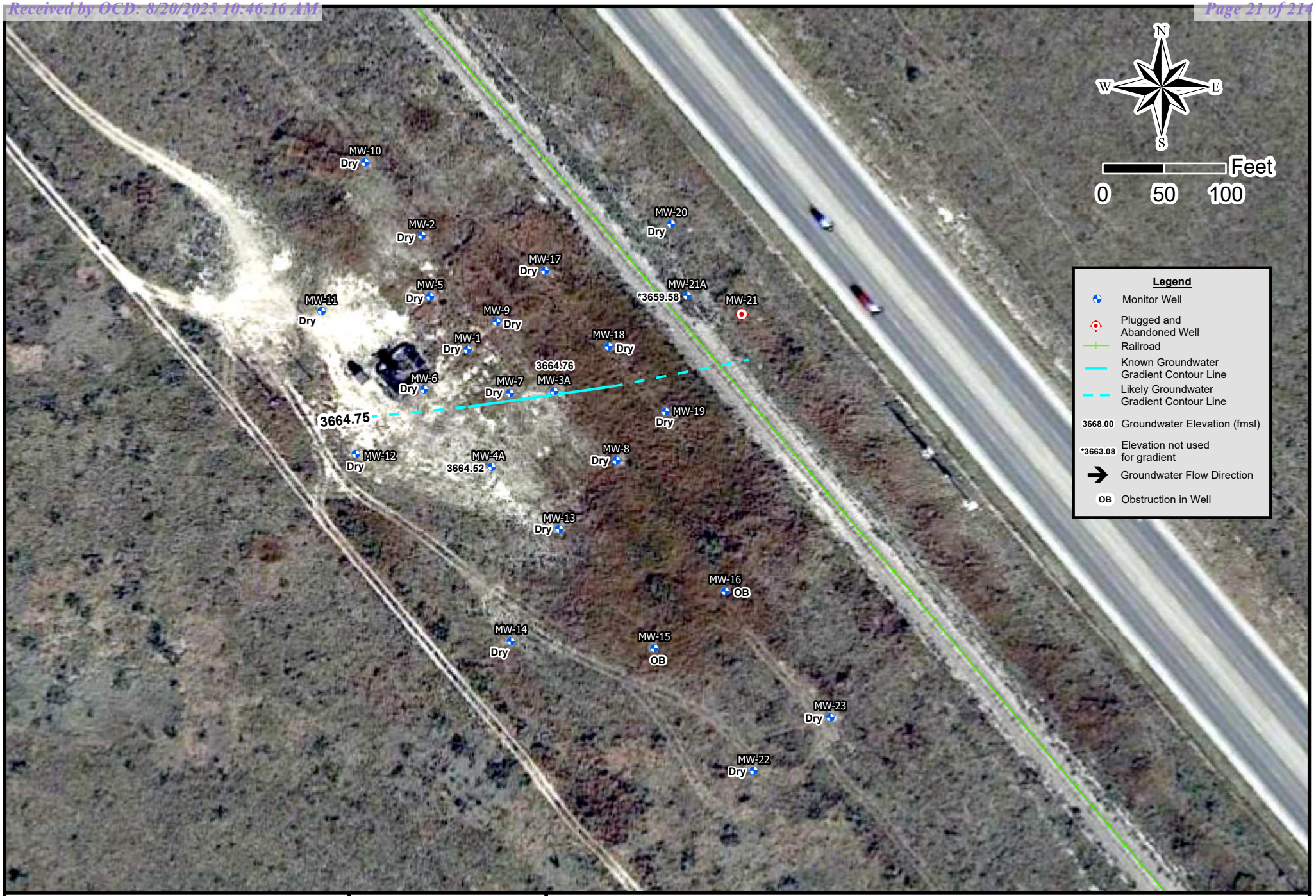
Date: 3/19/2025
1 in = 100 ft
Drafted By: JAI

8" Moore to Jal #2
SRS # 2002-10273, NMOCD REF. #nAPP2109527131
NW 1/4 of the SE 1/4, Sec. 16, T17S, R37E, Lea County, New Mexico
32.832391, -103.252477
Figure 1 - Site Map

TALON LPE

Date: 5/22/2024
1 in = 100 ft
Drafted By: IJR

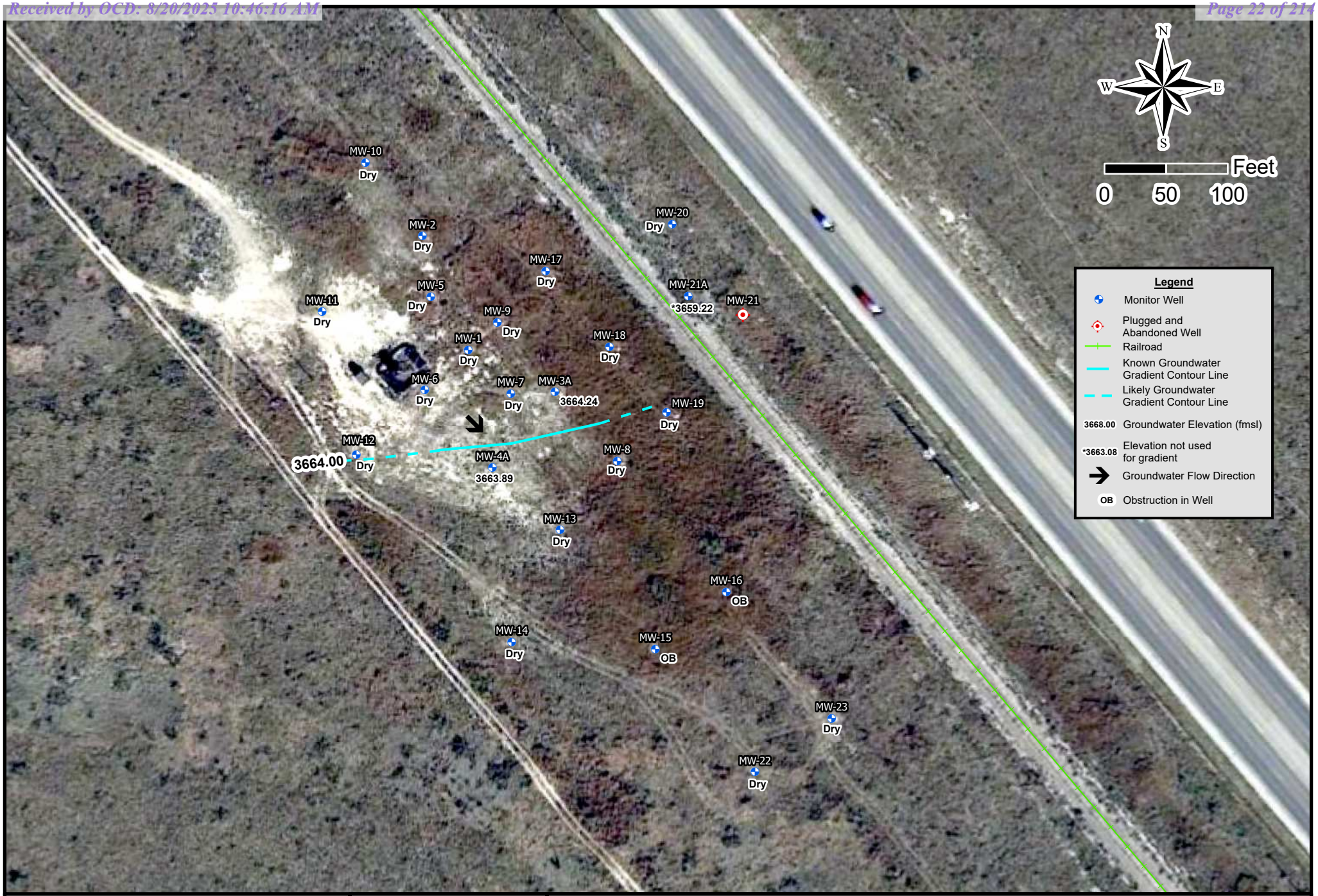
8" Moore to Jal #2
SRS # 2002-10273, NMOCD REF. #nAPP2109527131
NW 1/4 of the SE 1/4, Sec. 16, T17S, R37E, Lea County, New Mexico
32.832391, -103.252477
Figure 2a - Groundwater Gradient Map (03/06/2024)



TALON LPE

Date: 7/22/2024
1 in = 100 ft
Drafted By: IJR

8" Moore to Jal #2
SRS # 2002-10273, NMOCD REF. #nAPP2109527131
NW 1/4 of the SE 1/4, Sec. 16, T17S, R37E, Lea County, New Mexico
32.832391, -103.252477
Figure 2b - Groundwater Gradient Map (06/06/2024)



TALON LPE

Date: 10/15/2024
1 in = 100 ft
Drafted By: IJR

8" Moore to Jal #2
SRS # 2002-10273, NMOCD REF. #nAPP2109527131
NW 1/4 of the SE 1/4, Sec. 16, T17S, R37E, Lea County, New Mexico
32.832391, -103.252477
Figure 2c - Groundwater Gradient Map (09/09/2024)

TALON LPE

Date: 1/31/2025
1 in = 100 ft
Drafted By: IJR

8" Moore to Jal #2
SRS # 2002-10273, NMOCD REF. #nAPP2109527131
NW 1/4 of the SE 1/4, Sec. 16, T17S, R37E, Lea County, New Mexico
32.832391, -103.252477
Figure 2d - Groundwater Gradient Map (12/09/2024)

TALON LPE

Date: 4/29/2024
1 in = 100 ft
Drafted By: IJR

8" Moore to Jal #2
SRS # 2002-10273, NMOCD REF. #nAPP2109527131
NW 1/4 of the SE 1/4, Sec. 16, T17S, R37E, Lea County, New Mexico
32.832391, -103.252477
Figure 3a - Groundwater Concentration Map (03/06/2024)

TALON LPE

Date: 7/10/2024
1 in = 100 ft
Drafted By: IJR

8" Moore to Jal #2
SRS # 2002-10273, NMOCD REF. #nAPP2109527131
NW 1/4 of the SE 1/4, Sec. 16, T17S, R37E, Lea County, New Mexico
32.832391, -103.252477
Figure 3b - Groundwater Concentration Map (06/06/2024)

TALON LPE

Date: 11/4/2024
1 in = 100 ft
Drafted By: IJR

8" Moore to Jal #2
SRS # 2002-10273, NMOCD REF. #nAPP2109527131
NW 1/4 of the SE 1/4, Sec. 16, T17S, R37E, Lea County, New Mexico
32.832391, -103.252477
Figure 3c - Groundwater Concentration Map (09/09/2024)

TALON LPE

Date: 3/19/2025
1 in = 100 ft
Drafted By: IJR

8" Moore to Jal #2
SRS # 2002-10273, NMOCD REF. #nAPP2109527131
NW 1/4 of the SE 1/4, Sec. 16, T17S, R37E, Lea County, New Mexico
32.832391, -103.252477
Figure 3d - Groundwater Concentration Map (12/09-10/2024)

APPENDIX B

Tables

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

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-1 4"	3773.35	63	83	03/15/2016	94.40	93.75	0.65	3679.49
				06/13/2016	94.15	94.14	0.01	3679.21
				09/22/2016	94.82	94.42	0.4	3678.86
				12/01/2016	94.88	94.72	0.16	3678.60
				03/16/2017	DR	-	-	-
				06/01/2017	94.90	94.79	0.11	3678.54
				09/25/2017	DR	-	-	-
				12/13/2017	DR	-	-	-
				03/20/2018	DR	-	-	-
				06/18/2018	DR	-	-	-
				09/24/2018	DR	-	-	-
				12/18/2018	DR	-	-	-
				03/24/2019	DR	-	-	-
				06/19/2019	94.85			3678.50
				09/09/2019	94.85			3678.50
				12/16/2019	94.90	-	-	3678.45
				03/18/2020	94.90	-	-	3678.45
				06/16/2020	94.71	-	-	3678.64
				09/21/2020	DR	-	-	-
				12/02/2020	DR	-	-	-
				03/10/2021	DR	-	-	-
				06/15/2021	DR	-	-	-
				09/09/2021	DR	-	-	-
				12/01/2021	DR	-	-	-
				03/10/2021	DR	-	-	-
				06/15/2021	DR	-	-	-
				09/09/2021	DR	-	-	-
				12/01/2021	DR	-	-	-
				03/16/2022	DR	-	-	-
				06/08/2022	DR	-	-	-
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-1A 4"	3772.70	105	125	10/31/2024	108.56	-	-	3664.14
				12/09/2024	108.77	-	-	3663.93
MW-2 4"	3772.07	62.5	82.5	03/15/2016	DR	-	-	-
				06/13/2016	DR	-	-	-
				09/22/2016	DR	-	-	-
				11/30/2016	DR	-	-	-
				03/16/2017	DR	-	-	-
				06/01/2017	DR	-	-	-
				09/25/2017	DR	-	-	-
				12/13/2017	DR	-	-	-
				03/20/2018	DR	-	-	-
				06/18/2018	DR	-	-	-
				09/24/2018	DR	-	-	-
				12/18/2018	DR	-	-	-
				03/24/2019	DR	-	-	-
				06/19/2019	DR	-	-	-
				09/09/2019	DR	-	-	-
				12/16/2019	DR	-	-	-
				03/18/2020	DR	-	-	-
				06/16/2020	DR	-	-	-
				09/21/2020	DR	-	-	-
				12/02/2020	DR	-	-	-
				03/10/2021	DR	-	-	-
				06/15/2021	DR	-	-	-
				09/09/2021	DR	-	-	-
				12/01/2021	DR	-	-	-
				03/16/2022	DR	-	-	-
				06/08/2022	DR	-	-	-
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-2A 4"	3772.59	105	125	10/31/2024	108.01	-	-	3664.58
				12/09/2024	108.19	-	-	3664.40

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

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-3A 4"	3773.59	82	112	03/15/2016	94.32	-	-	3679.27
				06/13/2016	94.70	-	-	3678.89
				09/23/2016	95.15	-	-	3678.44
				11/30/2016	95.64	-	-	3677.95
				03/16/2017	95.90	-	-	3677.69
				06/01/2017	96.25	-	-	3677.34
				09/25/2017	96.78	-	-	3676.81
				12/13/2017	97.26	-	-	3676.33
				03/20/2018	97.55	-	-	3676.04
				06/18/2018	98.00	-	-	3675.59
				09/24/2018	98.61	-	-	3674.98
				12/18/2018	99.09	-	-	3674.50
				03/24/2019	99.35	-	-	3674.24
				06/19/2019	99.55	-	-	3674.04
				09/09/2019	100.02	-	-	3673.57
				12/16/2019	100.65	-	-	3672.94
				03/19/2020	101.07	-	-	3672.52
				06/16/2020	101.25	-	-	3672.34
				09/21/2020	101.84	-	-	3671.75
				12/02/2020	102.26	-	-	3671.33
				03/10/2021	103.68	-	-	3669.91
				06/15/2021	103.20	-	-	3670.39
				09/09/2021	103.63	-	-	3669.96
				12/01/2021	104.07	-	-	3669.52
				03/16/2022	104.60	-	-	3668.99
				06/08/2022	105.00	-	-	3668.59
				09/09/2022	105.51	-	-	3668.08
				12/13/2022	106.10	-	-	3667.49
				03/09/2023	106.56	-	-	3667.03
				06/13/2023	106.94	-	-	3666.65
				09/11/2023	107.50	-	-	3666.09
				12/07/2023	107.94	-	-	3665.65
				03/06/2024	108.37	-	-	3665.22
				06/06/2024	108.83	-	-	3664.76
				09/09/2024	109.35	-	-	3664.24
				12/09/2024	109.83	-	-	3663.76
MW-4A 4"	3774.27	84	114	03/15/2016	95.26	-	-	3679.01
				06/13/2016	95.60	-	-	3678.67
				09/23/2016	96.07	-	-	3678.20
				11/30/2016	96.57	-	-	3677.70
				03/16/2017	96.81	-	-	3677.46
				06/01/2017	97.17	-	-	3677.10
				09/25/2017	97.68	-	-	3676.59
				12/13/2017	98.18	-	-	3676.09
				03/20/2018	98.47	-	-	3675.80
				06/18/2018	98.94	-	-	3675.33
				09/24/2018	99.56	-	-	3674.71
				12/18/2018	100.05	-	-	3674.22
				03/24/2019	100.29	-	-	3673.98
				06/19/2019	100.56	-	-	3673.71
				09/09/2019	100.95	-	-	3673.32
				12/16/2019	101.59	-	-	3672.68
				03/19/2020	102.00	-	-	3672.27
				06/16/2020	102.17	-	-	3672.10
				09/18/2020	102.70	-	-	3671.57
				12/02/2020	103.19	-	-	3671.08
				03/10/2021	103.62	-	-	3670.65
				06/15/2021	104.14	-	-	3670.13
				09/09/2021	104.54	-	-	3669.73
				12/01/2021	105.01	-	-	3669.26
				03/16/2022	105.55	-	-	3668.72
				06/08/2022	105.94	-	-	3668.33
				09/09/2022	106.47	-	-	3667.80
				12/13/2022	107.06	-	-	3667.21
				03/09/2023	107.52	-	-	3666.75
				06/13/2023	107.89	-	-	3666.38
				09/11/2023	108.44	-	-	3665.83
				12/07/2023	108.89	-	-	3665.38
				03/06/2024	109.32	-	-	3664.95
				06/06/2024	109.75	-	-	3664.52
				09/09/2024	110.38	-	-	3663.89
				12/09/2024	110.76	-	-	3663.51

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-5	3772.08	60	100	03/15/2016	92.44	-	-	3679.64
4"				06/13/2016	NL	-	-	-
				09/22/2016	NL	-	-	-
				11/30/2016	NL	-	-	-
				03/16/2017	93.95	-	-	3678.13
				06/01/2017	94.31	-	-	3677.77
				09/25/2017	94.77	-	-	3677.31
				12/13/2017	95.36	-	-	3676.72
				03/20/2018	95.64	-	-	3676.44
				06/18/2018	95.09	-	-	3676.99
				09/24/2018	96.71	-	-	3675.37
				12/18/2018	97.20	-	-	3674.88
				03/24/2019	97.40	-	-	3674.68
				06/19/2019	97.70	-	-	3674.38
				09/09/2019	98.13	-	-	3673.95
				12/16/2019	98.77	-	-	3673.31
				03/18/2020	99.04	-	-	3673.04
				06/18/2020	99.35	-	-	3672.73
				09/21/2020	100.92	-	-	3671.16
				12/02/2020	100.36	-	-	3671.72
				03/10/2021	101.80	-	-	3670.28
				06/15/2021	100.30	-	-	3671.78
				09/09/2021	101.74	-	-	3670.34
				12/01/2021	102.14	-	-	3669.94
				03/16/2022	102.70	-	-	3669.38
				06/08/2022	103.08	-	-	3669.00
				09/09/2022	103.60	-	-	3668.48
				12/13/2022	104.19	-	-	3667.89
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-5A	3772.77	105	125	10/31/2024	108.36	-	-	3664.41
4"				12/09/2024	108.55	-	-	3664.22
MW-6	3772.99	60	100	03/15/2016	93.55	-	-	3679.44
4"				06/13/2016	93.90	-	-	3679.09
				09/23/2016	94.43	-	-	3678.56
				11/30/2016	94.84	-	-	3678.15
				03/16/2017	95.10	-	-	3677.89
				06/01/2017	95.50	-	-	3677.49
				09/25/2017	96.00	-	-	3676.99
				12/13/2017	96.49	-	-	3676.50
				03/20/2018	96.77	-	-	3676.22
				06/18/2018	97.20	-	-	3675.79
				09/24/2018	97.86	-	-	3675.13
				12/18/2018	98.25	-	-	3674.74
				03/24/2019	98.57	-	-	3674.42
				06/19/2019	98.87	-	-	3674.12
				09/09/2019	99.26	-	-	3673.73
				12/16/2019	99.89	-	-	3673.10
				03/19/2020	100.35	-	-	3672.64
				06/16/2020	100.47	-	-	3672.52
				09/18/2020	101.00	-	-	3671.99
				12/02/2020	101.50	-	-	3671.49
				03/10/2021	101.92	-	-	3671.07
				06/15/2021	102.58	-	-	3670.41
				09/09/2021	102.93	-	-	3670.06
				12/01/2021	103.41	-	-	3669.58
				03/16/2022	103.95	-	-	3669.04
				06/08/2022	104.24	-	-	3668.75
				09/09/2022	104.62	-	-	3668.37
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-6A	3773.55	105	125	10/31/2024	109.44	-	-	3664.11
4"				12/09/2024	109.64	-	-	3663.91

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-7 4"	3772.92	60	100	03/15/2016	93.61	93.60	0.01	3679.32
				06/13/2016	93.92	-	-	3679.00
				09/23/2016	94.45	-	-	3678.47
				11/30/2016	94.87	-	-	3678.05
				03/16/2017	95.15	-	-	3677.77
				06/01/2017	95.51	-	-	3677.41
				09/25/2017	96.00	-	-	3676.92
				12/13/2017	96.51	-	-	3676.41
				03/20/2018	96.81	-	-	3676.11
				06/18/2018	97.23	-	-	3675.69
				09/24/2018	97.88	-	-	3675.04
				12/18/2018	98.35	-	-	3674.57
				03/24/2019	98.55	-	-	3674.37
				06/19/2019	98.87	-	-	3674.05
				09/09/2019	99.30	-	-	3673.62
				12/16/2019	100.93	-	-	3671.99
				03/19/2020	100.32	-	-	3672.60
				06/18/2020	100.57	-	-	3672.35
				09/21/2020	101.09	101.07	0.02	3671.85
				12/02/2020	101.41	-	-	3671.51
				03/10/2021	101.96	-	-	3670.96
				06/15/2021	102.46	-	-	3670.46
				09/09/2021	DR	-	-	-
				12/01/2021	DR	-	-	-
				03/16/2022	DR	-	-	-
				06/08/2022	DR	-	-	-
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-7A 4"	3773.01	105	125	10/31/2024	109.10	-	-	3663.91
				12/09/2024	109.30	-	-	3663.71
MW-8 4"	3773.80	64	104	03/15/2016	94.78	-	-	3679.02
				06/13/2016	95.15	-	-	3678.65
				09/22/2016	95.60	-	-	3678.20
				11/30/2016	96.10	-	-	3677.70
				03/16/2017	96.36	-	-	3677.44
				06/01/2017	96.68	-	-	3677.12
				09/25/2017	97.22	-	-	3676.58
				12/13/2017	97.71	-	-	3676.09
				03/20/2018	97.99	-	-	3675.81
				06/18/2018	98.42	-	-	3675.38
				09/24/2018	99.06	-	-	3674.74
				12/18/2018	99.55	-	-	3674.25
				03/24/2019	99.80	-	-	3674.00
				06/19/2019	100.07	-	-	3673.73
				09/09/2019	100.48	-	-	3673.32
				12/16/2019	101.11	-	-	3672.69
				03/19/2020	101.50	-	-	3672.30
				06/16/2020	101.72	-	-	3672.08
				09/18/2020	102.20	-	-	3671.60
				12/02/2020	102.71	-	-	3671.09
				03/10/2021	103.15	-	-	3670.65
				06/15/2021	103.67	-	-	3670.13
				09/09/2021	104.10	-	-	3669.70
				12/01/2021	104.52	-	-	3669.28
				03/16/2022	DR	-	-	-
				06/08/2022	DR	-	-	-
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

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"	3771.79	60	100	03/15/2016	92.22	-	-	3679.57
				06/13/2016	92.55	-	-	3679.24
				09/22/2016	93.08	-	-	3678.71
				11/30/2016	93.51	-	-	3678.28
				03/16/2017	93.80	-	-	3677.99
				06/01/2017	94.15	-	-	3677.64
				09/25/2017	94.66	-	-	3677.13
				12/13/2017	95.14	-	-	3676.65
				03/20/2018	95.44	-	-	3676.35
				06/18/2018	95.87	-	-	3675.92
				09/24/2018	96.51	-	-	3675.28
				12/18/2018	96.99	-	-	3674.80
				03/24/2019	97.20	-	-	3674.59
				06/19/2019	97.50	-	-	3674.29
				09/09/2019	97.92	-	-	3673.87
				12/16/2019	98.55	-	-	3673.24
				03/19/2020	98.94	-	-	3672.85
				06/18/2020	99.16	-	-	3672.63
				09/21/2020	100.73	-	-	3671.06
				12/02/2020	100.15	-	-	3671.64
				03/10/2021	100.51	-	-	3671.28
				06/15/2021	101.17	-	-	3670.62
				09/09/2021	101.60	-	-	3670.19
				12/01/2021	DR	-	-	-
				03/16/2022	DR	-	-	-
				06/08/2022	DR	-	-	-
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-9A 4"	3772.05	105	125	10/31/2024	107.92	-	-	3664.13
				12/09/2024	108.12	-	-	3663.93
MW-10 4"	3771.90	61	101	03/15/2016	91.81	-	-	3680.09
				06/13/2016	92.15	-	-	3679.75
				09/22/2016	92.66	-	-	3679.24
				11/30/2016	93.12	-	-	3678.78
				03/16/2017	93.38	-	-	3678.52
				06/01/2017	93.76	-	-	3678.14
				09/25/2017	94.26	-	-	3677.64
				12/13/2017	94.75	-	-	3677.15
				03/20/2018	95.00	-	-	3676.90
				06/18/2018	95.49	-	-	3676.41
				09/24/2018	96.11	-	-	3675.79
				12/18/2018	96.58	-	-	3675.32
				03/24/2019	96.83	-	-	3675.07
				06/19/2019	97.09	-	-	3674.81
				09/09/2019	97.52	-	-	3674.38
				12/16/2019	98.16	-	-	3673.74
				03/18/2020	98.43	-	-	3673.47
				06/16/2020	98.70	-	-	3673.20
				09/21/2020	99.30	-	-	3672.60
				12/02/2020	99.74	-	-	3672.16
				03/10/2021	100.16	-	-	3671.74
				06/15/2021	100.69	-	-	3671.21
				09/09/2021	101.10	-	-	3670.80
				12/01/2021	101.55	-	-	3670.35
				03/16/2022	102.00	-	-	3669.90
				06/08/2022	102.42	-	-	3669.48
				09/09/2022	102.45	-	-	3669.45
				12/13/2022	103.50	-	-	3668.40
				03/09/2023	103.51	-	-	3668.39
				06/13/2023	103.45	-	-	3668.45
				09/11/2023	103.56	-	-	3668.34
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

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-11 4"	3772.97	65	105	03/15/2016	93.25	-	-	3679.72
				06/13/2016	93.61	-	-	3679.36
				09/23/2016	94.11	-	-	3678.86
				11/30/2016	94.55	-	-	3678.42
				03/16/2017	94.81	-	-	3678.16
				06/01/2017	95.18	-	-	3677.79
				09/25/2017	95.74	-	-	3677.23
				12/13/2017	96.19	-	-	3676.78
				03/20/2018	96.45	-	-	3676.52
				06/18/2018	96.90	-	-	3676.07
				09/24/2018	97.58	-	-	3675.39
				12/18/2018	98.02	-	-	3674.95
				03/24/2019	98.23	-	-	3674.74
				06/19/2019	98.58	-	-	3674.39
				09/09/2019	98.96	-	-	3674.01
				12/16/2019	99.60	-	-	3673.37
				03/19/2020	99.95	-	-	3673.02
				06/16/2020	100.13	-	-	3672.84
				09/21/2020	100.77	-	-	3672.20
				12/02/2020	101.20	-	-	3671.77
				03/10/2021	101.60	-	-	3671.37
				06/15/2021	102.10	-	-	3670.87
				09/09/2021	102.55	-	-	3670.42
				12/01/2021	103.00	-	-	3669.97
				03/16/2022	103.55	-	-	3669.42
				06/08/2022	103.93	-	-	3669.04
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-11A 4"	3773.61	105	125	10/31/2024	108.99	-	-	3664.62
				12/09/2024	109.16	-	-	3664.45
MW-12 4"	3773.80	65	105	03/15/2016	95.50	-	-	3678.30
				06/13/2016	94.83	-	-	3678.97
				09/22/2016	95.34	-	-	3678.46
				11/30/2016	95.79	-	-	3678.01
				03/16/2017	96.05	-	-	3677.75
				06/01/2017	96.40	-	-	3677.40
				09/25/2017	96.96	-	-	3676.84
				12/13/2017	97.44	-	-	3676.36
				03/20/2018	97.67	-	-	3676.13
				06/18/2018	98.14	-	-	3675.66
				09/24/2018	98.80	-	-	3675.00
				12/18/2018	99.31	-	-	3674.49
				03/24/2019	99.50	-	-	3674.30
				06/19/2019	99.77	-	-	3674.03
				09/09/2019	100.20	-	-	3673.60
				12/16/2019	100.85	-	-	3672.95
				03/19/2020	101.18	-	-	3672.62
				06/16/2020	101.37	-	-	3672.43
				09/18/2020	101.92	-	-	3671.88
				12/02/2020	102.45	-	-	3671.35
				03/10/2021	102.85	-	-	3670.95
				06/15/2021	103.38	-	-	3670.42
				09/09/2021	104.00	-	-	3669.80
				12/01/2021	104.26	-	-	3669.54
				03/16/2022	DR	-	-	-
				06/08/2022	DR	-	-	-
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-12A 4"	3774.53	105	125	10/31/2024	110.37	-	-	3664.16
				12/09/2024	110.55	-	-	3663.98

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-13 4"	3774.36	65	105	03/15/2016	95.48	-	-	3678.88
				06/13/2016	95.80	-	-	3678.56
				09/22/2016	96.30	-	-	3678.06
				11/30/2016	96.70	-	-	3677.66
				03/16/2017	97.05	-	-	3677.31
				06/01/2017	97.36	-	-	3677.00
				09/25/2017	97.88	-	-	3676.48
				12/13/2017	98.38	-	-	3675.98
				03/20/2018	98.68	-	-	3675.68
				06/18/2018	99.11	-	-	3675.25
				09/24/2018	99.71	-	-	3674.65
				12/18/2018	100.24	-	-	3674.12
				03/24/2019	100.45	-	-	3673.91
				06/19/2019	100.75	-	-	3673.61
				09/09/2019	101.16	-	-	3673.20
				12/16/2019	101.80	-	-	3672.56
				03/19/2020	102.20	-	-	3672.16
				06/16/2020	102.39	-	-	3671.97
				09/21/2020	102.60	-	-	3671.76
				12/02/2020	103.41	-	-	3670.95
				03/10/2021	103.83	-	-	3670.53
				06/15/2021	104.35	-	-	3670.01
				09/09/2021	104.77	-	-	3669.59
				12/01/2021	DR	-	-	-
				03/16/2022	DR	-	-	-
				06/08/2022	DR	-	-	-
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-14 4"	3774.40	66	106	03/15/2016	95.85	-	-	3678.55
				06/13/2016	96.16	-	-	3678.24
				09/23/2016	96.61	-	-	3677.79
				11/30/2016	97.07	-	-	3677.33
				03/16/2017	93.75	-	-	3680.65
				06/01/2017	97.70	-	-	3676.70
				09/25/2017	NL	-	-	-
				12/13/2017	NL	-	-	-
				03/20/2018	NL	-	-	-
				06/18/2018	NL	-	-	-
				09/24/2018	DR	-	-	-
				12/18/2018	DR	-	-	-
				03/24/2019	DR	-	-	-
				06/19/2019	DR	-	-	-
				09/09/2019	DR	-	-	-
				12/16/2019	DR	-	-	-
				03/19/2020	DR	-	-	-
				06/16/2020	DR	-	-	-
				09/18/2020	DR	-	-	-
				12/02/2020	DR	-	-	-
				03/10/2021	DR	-	-	-
				06/15/2021	DR	-	-	-
				09/09/2021	DR	-	-	-
				12/01/2021	DR	-	-	-
				03/16/2022	DR	-	-	-
				06/08/2022	DR	-	-	-
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-14A 4"	3774.44	105	125	10/31/2024	111.18	-	-	3663.26
				12/09/2024	111.38	-	-	3663.06

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

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-15 4"	3774.03	67	107	03/15/2016	95.62	-	-	3678.41
				06/13/2016	95.92	-	-	3678.11
				09/23/2016	96.38	-	-	3677.65
				11/30/2016	96.81	-	-	3677.22
				03/16/2017	97.17	-	-	3676.86
				06/01/2017	NL	-	-	-
				09/25/2017	NL	-	-	-
				12/13/2017	NL	-	-	-
				03/20/2018	NL	-	-	-
				06/18/2018	NL	-	-	-
				09/24/2018	DR	-	-	-
				12/18/2018	DR	-	-	-
				03/24/2019	DR	-	-	-
				06/19/2019	DR	-	-	-
				09/09/2019	DR	-	-	-
				12/16/2019	DR	-	-	-
				03/19/2020	DR	-	-	-
				06/16/2020	DR	-	-	-
				09/18/2020	DR	-	-	-
				12/02/2020	DR	-	-	-
				03/10/2021	DR	-	-	-
				06/15/2021	DR	-	-	-
				09/09/2021	DR	-	-	-
				12/01/2021	DR	-	-	-
				03/16/2022	DR	-	-	-
				06/08/2022	DR	-	-	-
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	OB	-	-	-
				12/07/2023	OB	-	-	-
				03/06/2024	OB	-	-	-
				06/06/2024	OB	-	-	-
				09/09/2024	OB	-	-	-
				09/24/2024	PA	-	-	-
MW-15A 4"	3774.25	105	125	10/31/2024	111.38	-	-	3662.87
				12/09/2024	111.57	-	-	3662.68
MW-16 4"	3773.95	67	107	03/15/2016	95.41	-	-	3678.54
				06/13/2016	95.74	-	-	3678.21
				09/22/2016	96.23	-	-	3677.72
				11/30/2016	96.63	-	-	3677.32
				03/16/2017	97.00	-	-	3676.95
				06/01/2017	NL	-	-	-
				09/25/2017	NL	-	-	-
				12/13/2017	NL	-	-	-
				03/20/2018	NL	-	-	-
				06/18/2018	NL	-	-	-
				09/24/2018	DR	-	-	-
				12/18/2018	DR	-	-	-
				03/24/2019	DR	-	-	-
				06/19/2019	DR	-	-	-
				09/09/2019	DR	-	-	-
				12/16/2019	DR	-	-	-
				03/19/2020	DR	-	-	-
				06/16/2020	DR	-	-	-
				09/18/2020	DR	-	-	-
				12/02/2020	DR	-	-	-
				03/10/2021	DR	-	-	-
				06/15/2021	DR	-	-	-
				09/08/2021	DR	-	-	-
				12/01/2021	DR	-	-	-
				03/16/2022	DR	-	-	-
				06/08/2022	DR	-	-	-
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	OB	-	-	-
				12/07/2023	OB	-	-	-
				03/06/2024	OB	-	-	-
				06/06/2024	OB	-	-	-
				09/09/2024	OB	-	-	-
				09/24/2024	PA	-	-	-

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

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-17 4"	3771.26	64	104	03/15/2016	91.47	-	-	3679.79
				06/13/2016	92.08	-	-	3679.18
				09/22/2016	92.57	-	-	3678.69
				11/30/2016	92.97	-	-	3678.29
				03/16/2017	93.29	-	-	3677.97
				06/01/2017	93.63	-	-	3677.63
				09/25/2017	94.15	-	-	3677.11
				12/13/2017	94.64	-	-	3676.62
				03/20/2018	94.64	-	-	3676.62
				06/18/2018	95.39	-	-	3675.87
				09/24/2018	96.00	-	-	3675.26
				12/18/2018	96.50	-	-	3674.76
				03/24/2019	96.71	-	-	3674.55
				06/19/2019	97.00	-	-	3674.26
				09/09/2019	97.40	-	-	3673.86
				12/16/2019	98.04	-	-	3673.22
				03/18/2020	98.85	-	-	3672.41
				06/16/2020	98.67	-	-	3672.59
				09/21/2020	99.20	-	-	3672.06
				12/02/2020	99.61	-	-	3671.65
				03/10/2021	100.07	-	-	3671.19
				06/15/2021	100.61	-	-	3670.65
				09/08/2021	101.00	-	-	3670.26
				12/01/2021	101.44	-	-	3669.82
				03/16/2022	102.00	-	-	3669.26
				06/08/2022	102.38	-	-	3668.88
				09/09/2022	102.89	-	-	3668.37
				12/13/2022	103.45	-	-	3667.81
				03/09/2023	103.94	-	-	3667.32
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-18 4"	3772.41	64	104	03/15/2016	93.11	-	-	3679.30
				06/13/2016	93.45	-	-	3678.96
				09/22/2016	93.96	-	-	3678.45
				11/30/2016	94.35	-	-	3678.06
				03/16/2017	94.68	-	-	3677.73
				06/01/2017	95.01	-	-	3677.40
				09/25/2017	95.53	-	-	3676.88
				12/13/2017	96.02	-	-	3676.39
				03/20/2018	96.31	-	-	3676.10
				06/18/2018	96.74	-	-	3675.67
				09/24/2018	97.36	-	-	3675.05
				12/18/2018	97.78	-	-	3674.63
				03/24/2019	98.12	-	-	3674.29
				06/19/2019	98.39	-	-	3674.02
				09/09/2019	98.81	-	-	3673.60
				12/16/2019	99.43	-	-	3672.98
				03/18/2020	99.70	-	-	3672.71
				06/16/2020	100.07	-	-	3672.34
				09/21/2020	100.62	-	-	3671.79
				12/02/2020	100.99	-	-	3671.42
				03/10/2021	101.46	-	-	3670.95
				06/15/2021	102.00	-	-	3670.41
				09/08/2021	102.40	-	-	3670.01
				12/01/2021	102.85	-	-	3669.56
				03/16/2022	103.40	-	-	3669.01
				06/08/2022	103.80	-	-	3668.61
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-18A 4"	3772.86	105	125	10/31/2024	109.12	-	-	3663.74
				12/09/2024	109.27	-	-	3663.59

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

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-19 4"	3773.63	65	105	03/15/2016	94.57	-	-	3679.06
				06/13/2016	94.91	-	-	3678.72
				09/22/2016	95.42	-	-	3678.21
				11/30/2016	95.79	-	-	3677.84
				03/16/2017	96.14	-	-	3677.49
				06/01/2017	96.47	-	-	3677.16
				09/25/2017	96.98	-	-	3676.65
				12/13/2017	97.50	-	-	3676.13
				03/20/2018	97.77	-	-	3675.86
				06/18/2018	98.20	-	-	3675.43
				09/24/2018	98.82	-	-	3674.81
				12/18/2018	99.34	-	-	3674.29
				03/24/2019	99.61	-	-	3674.02
				06/19/2019	99.86	-	-	3673.77
				09/09/2019	100.27	-	-	3673.36
				12/16/2019	100.89	-	-	3672.74
				03/18/2020	101.22	-	-	3672.41
				06/16/2020	101.55	-	-	3672.08
				09/21/2020	102.10	-	-	3671.53
				12/02/2020	102.47	-	-	3671.16
				03/10/2021	102.95	-	-	3670.68
				06/15/2021	103.47	-	-	3670.16
				09/08/2021	103.87	-	-	3669.76
				12/01/2021	DR	-	-	-
				03/16/2022	DR	-	-	-
				06/08/2022	DR	-	-	-
				09/09/2022	DR	-	-	-
				12/13/2022	DR	-	-	-
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-
MW-19A 4"	3773.22	105	125	10/31/2024	109.79	-	-	3663.43
				12/09/2024	109.98	-	-	3663.24
MW-20 4"	3770.92	63	103	03/15/2016	91.42	-	-	3679.50
				06/13/2016	91.73	-	-	3679.19
				09/22/2016	92.25	-	-	3678.67
				11/30/2016	92.66	-	-	3678.26
				03/16/2017	93.00	-	-	3677.92
				06/01/2017	93.29	-	-	3677.63
				09/25/2017	93.82	-	-	3677.10
				12/13/2017	94.29	-	-	3676.63
				03/20/2018	94.60	-	-	3676.32
				06/18/2018	95.02	-	-	3675.90
				09/24/2018	95.63	-	-	3675.29
				12/18/2018	96.15	-	-	3674.77
				03/24/2019	96.41	-	-	3674.51
				06/19/2019	96.67	-	-	3674.25
				09/09/2019	97.09	-	-	3673.83
				12/16/2019	97.68	-	-	3673.24
				03/18/2020	98.00	-	-	3672.92
				06/16/2020	98.35	-	-	3672.57
				09/21/2020	98.90	-	-	3672.02
				12/02/2020	99.28	-	-	3671.64
				03/10/2021	99.78	-	-	3671.14
				06/15/2021	100.19	-	-	3670.73
				09/08/2021	100.67	-	-	3670.25
				12/01/2021	101.14	-	-	3669.78
				03/16/2022	101.70	-	-	3669.22
				06/08/2022	102.07	-	-	3668.85
				09/09/2022	102.56	-	-	3668.36
				12/13/2022	102.96	-	-	3667.96
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				09/24/2024	PA	-	-	-

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

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"	3773.30	64	104	03/15/2016	91.06	-	-	3682.24
				06/13/2016	94.38	-	-	3678.92
				09/22/2016	94.90	-	-	3678.40
				11/30/2016	95.30	-	-	3678.00
				03/16/2017	95.60	-	-	3677.70
				06/01/2017	95.95	-	-	3677.35
				09/25/2017	96.45	-	-	3676.85
				12/13/2017	96.94	-	-	3676.36
				03/20/2018	97.25	-	-	3676.05
				06/18/2018	97.70	-	-	3675.60
				09/24/2018	98.30	-	-	3675.00
				12/18/2018	98.80	-	-	3674.50
				03/24/2019	99.07	-	-	3674.23
				06/19/2019	99.33	-	-	3673.97
				09/09/2019	99.73	-	-	3673.57
				12/16/2019	100.34	-	-	3672.96
				03/18/2020	100.69	-	-	3672.61
				06/16/2020	DS	-	-	-
MW-21A	3768.44	95	115	09/21/2020	101.70	-	-	3666.74
				12/02/2020	102.04	-	-	3666.40
				03/10/2021	102.56	-	-	3665.88
				06/15/2021	103.03	-	-	3665.41
				09/08/2021	103.50	-	-	3664.94
				12/01/2021	103.93	-	-	3664.51
				03/16/2022	104.50	-	-	3663.94
				06/08/2022	104.87	-	-	3663.57
				09/09/2022	105.36	-	-	3663.08
				12/13/2022	105.94	-	-	3662.50
				03/09/2023	106.41	-	-	3662.03
				06/13/2023	106.80	-	-	3661.64
				09/11/2023	107.37	-	-	3661.07
				12/07/2023	107.77	-	-	3660.67
				03/06/2024	108.26	-	-	3660.18
				06/06/2024	108.86	-	-	3659.58
				09/09/2024	109.22	-	-	3659.22
				12/09/2024	109.65	-	-	3658.79
MW-22 2"	3772.92	80	110	03/15/2016	94.90	-	-	3678.02
				06/13/2016	95.19	-	-	3677.73
				09/22/2016	95.67	-	-	3677.25
				11/30/2016	96.06	-	-	3676.86
				03/16/2017	96.41	-	-	3676.51
				06/01/2017	96.73	-	-	3676.19
				09/25/2017	97.26	-	-	3675.66
				12/13/2017	97.46	-	-	3675.46
				03/20/2018	98.02	-	-	3674.90
				06/18/2018	98.51	-	-	3674.41
				09/24/2018	98.91	-	-	3674.01
				12/18/2018	99.66	-	-	3673.26
				03/24/2019	99.91	-	-	3673.01
				06/19/2019	102.10	-	-	3670.82
				09/09/2019	100.57	-	-	3672.35
				12/16/2019	101.18	-	-	3671.74
				03/19/2020	101.61	-	-	3671.31
				06/16/2020	101.81	-	-	3671.11
				09/18/2020	102.35	-	-	3670.57
				12/02/2020	102.79	-	-	3670.13
				03/10/2021	103.31	-	-	3669.61
				06/15/2021	103.82	-	-	3669.10
				09/08/2021	104.30	-	-	3668.62
				12/01/2021	104.66	-	-	3668.26
				03/16/2022	105.25	-	-	3667.67
				06/08/2022	105.63	-	-	3667.29
				09/09/2022	106.11	-	-	3666.81
				12/13/2022	106.72	-	-	3666.20
				03/09/2023	107.16	-	-	3665.76
				06/13/2023	107.56	-	-	3665.36
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				12/09/2024	DR	-	-	-

Table 1 - Groundwater and NAPL Thickness - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Casing Elevation (fmsl)	Top of Screen (ft)	Bottom of Screen (ft)	Sample Date (ft)	Depth to Water (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (fmsl)
MW-23 2"	3773.87	84	114	03/15/2016	95.75	-	-	3678.12
				06/13/2016	96.03	-	-	3677.84
				09/22/2016	96.50	-	-	3677.37
				11/30/2016	96.94	-	-	3676.93
				03/16/2017	97.29	-	-	3676.58
				06/01/2017	97.60	-	-	3676.27
				09/25/2017	98.11	-	-	3675.76
				12/13/2017	98.61	-	-	3675.26
				03/20/2018	98.93	-	-	3674.94
				06/18/2018	99.35	-	-	3674.52
				09/24/2018	99.95	-	-	3673.92
				12/18/2018	100.51	-	-	3673.36
				03/24/2019	109.77	-	-	3664.10
				06/19/2019	101.05	-	-	3672.82
				09/09/2019	101.46	-	-	3672.41
				12/16/2019	102.01	-	-	3671.86
				03/19/2020	102.43	-	-	3671.44
				06/16/2020	102.68	-	-	3671.19
				09/18/2020	103.22	-	-	3670.65
				12/02/2020	103.65	-	-	3670.22
				03/10/2021	104.14	-	-	3669.73
				06/15/2021	104.65	-	-	3669.22
				09/08/2021	105.05	-	-	3668.82
				12/01/2021	105.51	-	-	3668.36
				03/16/2022	106.10	-	-	3667.77
				06/08/2022	106.50	-	-	3667.37
				09/09/2022	106.97	-	-	3666.90
				12/13/2022	107.57	-	-	3666.30
				03/09/2023	DR	-	-	-
				06/13/2023	DR	-	-	-
				09/11/2023	DR	-	-	-
				12/07/2023	DR	-	-	-
				03/06/2024	DR	-	-	-
				06/06/2024	DR	-	-	-
				09/09/2024	DR	-	-	-
				12/09/2024	DR	-	-	-
MW-24 4"	3774.29	105	125	10/31/2024	110.87	-	-	3663.42
				12/09/2024	111.06	-	-	3663.23

Specific Gravity: 0.75
Notes:
DR = Well dry
DS = Well destroyed
NG = Well not gauged
NL = Well not located
NSA = No access
OB = Obstruction in well
PA = Well plugged and abandoned
FMSL = Feet above mean sea level

Table 2 - Groundwater Analytical Data - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	MTBE (mg/L)	Notes
NMWQCC - Groundwater Standards		0.010	0.750	0.750	0.620	-	-	-
MW-1	09/24/2018	-	-	-	-	-	-	DR
	12/20/2018	-	-	-	-	-	-	DR
	06/19/2019	-	-	-	-	-	-	DR
	09/09/2019	-	-	-	-	-	-	DR
	09/24/2024	-	-	-	-	-	-	PA
MW-1A	12/10/2024	**0.0186**	0.00122	<0.00100	0.00775	0.0275	-	-
MW-2	09/24/2018	-	-	-	-	-	-	DR
	12/20/2018	-	-	-	-	-	-	DR
	09/24/2024	-	-	-	-	-	-	PA
MW-2A	12/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
MW-3A	03/15/2016	<0.00022	0.00110	<0.00024	<0.00024	-	-	-
	06/15/2016	0.00100	0.00130	<0.000763	0.00110	-	-	-
	09/23/2016	0.00510	0.00810	<0.000238	0.00380	-	-	-
	12/02/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	**0.0145**	0.0218	<0.000657	0.0124	-	-	-
	06/01/2017	<0.000408	0.00297	0.00134 J	0.00293	0.00724	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	0.00924	0.00973	<0.000657	0.00838	0.0274	-	-
	03/21/2018	<0.000408	0.000670 J	<0.000657	<0.000630	0.000670 J	-	-
	06/18/2018	0.000900 J	<0.000512	<0.000616	<0.000270	0.000900 J	-	-
	09/26/2018	<0.000408	0.0210	<0.000657	<0.000630	0.0210	-	-
	12/20/2018	0.000900 J	<0.000512	<0.000616	<0.000270	0.000900 J	-	-
	03/25/2019	0.000790	<0.0005	<0.0005	<0.000500	0.000790	-	-
	06/19/2019	**0.0224**	0.0428	0.0235	0.0208	0.110	-	-
	09/15/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/17/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/20/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	06/17/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	09/21/2020	0.00858	<0.000367	<0.000657	<0.000630	0.00858	-	-
	12/04/2020	0.00110 J	0.00102 J	<0.002000	0.001040 J	0.003160	-	-
	03/11/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-	-
	06/15/2021	<0.00200	0.000705 J B	<0.00200	<0.00400	0.000705 J B	-	-
	09/09/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	12/02/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	03/17/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	06/08/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	09/12/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	12/13/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	03/10/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	06/14/2023	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	-	-
	09/11/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	12/07/2023	<0.00100	<0.00100	<0.00100	<0.00100	0.000920	-	-
	03/06/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	06/06/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	09/09/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	12/09/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
MW-4A	03/15/2016	**0.206**	0.00150	0.0124	0.00120	-	-	-
	06/15/2016	**0.0740**	0.0265	0.00280	0.00680	-	-	-
	09/23/2016	**0.0302**	0.0118	0.00250	0.00430	-	-	-
	12/02/2016	0.00255	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/02/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	0.00273	0.00201	<0.000657	0.000970 J	0.00571	-	-
	03/21/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	06/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/27/2018	<0.000408	0.00715	<0.000657	<0.000630	0.00715	-	-
	12/20/2018	0.00100 J	<0.000512	<0.000616	<0.000270	0.00100 J	-	-
	03/25/2019	0.00704	<0.0005	0.00123	<0.000500	0.00827	-	-
	06/19/2019	0.00600	0.00400	<0.00308	<0.00135	0.0100	-	-
	09/15/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/17/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/20/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	06/17/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	09/18/2020	0.00675	<0.000367	<0.000657	<0.000630	0.00675	-	-
	12/04/2020	0.00102 J	0.000660 J	<0.002000	0.0009600 J	0.002640	-	-
	03/11/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-	-
	06/16/2021	0.00156 J	0.00319 B	<0.00200	0.00218 J	0.00693 B	-	-
	09/09/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	12/02/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	03/17/2022	<0.000408	0.000440 J	<0.000657	<0.000642	<0.000657	-	-
	06/08/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	09/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	12/13/2022	0.000767 J	<0.000367	<0.000657	<0.000642	0.000767 J	-	-
	03/10/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	06/14/2023	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	-	-
	09/11/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	12/07/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	03/06/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	06/06/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	09/09/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	12/09/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-

Table 2 - Groundwater Analytical Data - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	MTBE (mg/L)	Notes
NMWQCC - Groundwater Standards		0.010	0.750	0.750	0.620	-	-	-
MW-5	03/17/2016	**0.0362**	0.0315	0.00430	0.0222	-	-	-
	03/23/2017	**0.0525**	0.0315	0.0217	0.0510	-	-	-
	06/02/2017	**0.282**	0.123	0.0567	0.210	0.672	-	-
	09/26/2017	**0.284**	0.0656	0.0195	0.0676	0.437	-	-
	12/21/2017	**0.0396**	0.0154	0.00589	0.0114	0.0723	-	-
	03/21/2018	0.00312	0.00214	<0.000657	0.00308	0.00834	-	-
	06/18/2018	0.00880	0.00830	0.000700 J	0.00470	0.0225	-	-
	09/27/2018	**0.0334**	0.0200	0.00141 J	0.00914	0.0640	-	-
	12/20/2018	<0.000480	<0.000512	<0.000616	0.000900 J	0.000900 J	-	-
	03/26/2019	**0.0183**	0.00408	0.00182	0.00681	0.0310	-	-
	06/20/2019	**0.0440**	0.0414	0.00270	0.0168	0.105	-	-
	09/14/2019	0.00259	0.00384	<0.000657	<0.00063	0.00643	-	-
	12/19/2019	0.00391	0.00110	<0.000657	0.000690	0.00570	-	-
	03/21/2020	0.00450	0.00140	0.00140	0.00420	0.0115	-	-
	06/18/2020	0.00315	0.00206	<0.000657	<0.000630	0.00521	-	-
	09/22/2020	0.00558	0.00268	<0.000657	<0.000630	0.00826	-	-
	12/05/2020	0.00589	0.00904	0.00160 J	0.005810	0.02234	-	-
	03/10/2021	0.000606 J H	0.000742 J H	<0.00200 H	<0.00400 H	0.00135 J H	-	-
	06/16/2021	0.000702 J	0.00199 J B	<0.00200	0.00590	0.00859 B	-	-
	09/09/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	12/02/2021	0.00126 J	0.00239	<0.00200	0.00193 J	0.00558	-	-
	03/17/2022	0.00382	0.00448	0.000857 J	0.00262 J	0.0118	-	-
	06/08/2022	0.000959 J	0.000872 J	<0.000657	0.000842 J	0.00267 J	-	-
	09/09/2022	**0.0149**	0.00956	<0.000657	0.00488	0.0293	-	-
	09/24/2024	-	-	-	-	-	-	PA
MW-5A	12/10/2024	**0.0119**	<0.00100	<0.00100	<0.00100	0.0119	-	-
MW-6	03/17/2016	**0.453**	0.118	0.0703	0.182	-	-	-
	06/15/2016	**0.574**	0.418	0.0912	0.358	-	-	-
	09/23/2016	**0.424**	0.240	0.200	0.384	-	-	-
	12/02/2016	**1.66**	0.141	0.0412	0.139	-	-	-
	03/23/2017	**1.50**	0.228	0.0532	0.235	-	-	-
	06/02/2017	**0.0507**	0.00523	0.00116 J	0.00699	0.0641	-	-
	09/26/2017	**0.0531**	0.0189	0.0235	0.0563	0.152	-	-
	12/21/2017	**1.02**	0.467	0.179	0.494	2.16	-	-
	03/21/2018	**0.836**	0.0318	0.0141 J	0.0967	0.979	-	-
	06/18/2018	**1.82**	0.322	0.0570	0.158	2.36	-	-
	09/27/2018	**0.619 D**	0.0592	0.0104	0.0415	0.730	-	-
	12/27/2018	**0.185**	0.00598	0.00131 J	0.0257	0.218	-	-
	03/24/2019	**0.645**	0.106	0.0194	0.0926	0.863	-	-
	06/20/2019	**0.170**	0.00290	0.00330	0.0115	0.188	-	-
	09/15/2019	**0.173**	0.0116	0.00404	0.0374	0.226	-	-
	12/19/2019	**0.119**	0.000670	0.00226	0.00546	0.127	-	-
	03/19/2020	**0.0130**	0.00230	<0.000616	0.00320	0.0185	-	-
	06/18/2020	0.00781	0.00376	<0.000657	<0.000630	0.0116	-	-
	09/18/2020	0.00873	0.00215	<0.000657	<0.000630	0.0109	-	-
	12/05/2020	0.0656	0.0217	0.00288	0.02890	0.1191	-	-
	03/11/2021	**0.151**	<0.00200	<0.00200	0.0168	0.168	-	-
	06/16/2021	<0.00200	0.000816 J B	<0.00200	<0.00400	0.000816 J B	-	-
	09/09/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	12/02/2021	0.00713	0.00356	0.000959 J	0.00329 J	0.0149	-	-
	09/24/2024	-	-	-	-	-	-	PA
MW-6A	12/10/2024	0.00239	<0.00100	<0.00100	<0.00100	0.00239	-	-
MW-7	06/15/2016	**0.278**	0.203	0.0100	0.0598	-	-	-
	09/23/2016	**0.0760**	0.0652	0.00610	0.0227	-	-	-
	12/02/2016	**1.86**	0.0540	0.390	0.588	-	-	-
	03/23/2017	**2.27**	0.391	0.223	0.402	-	-	-
	06/02/2017	**0.115**	0.00556	0.0110	0.0132	0.145	-	-
	09/26/2017	**3.59 D**	0.141	0.200	0.224	4.15	-	-
	12/21/2017	**0.169**	0.0167	0.00907	0.0120	0.207	-	-
	03/21/2018	**0.354**	0.00755	0.0177	0.0137	0.393	-	-
	06/18/2018	**0.254**	0.00740	0.00940	0.00630	0.277	-	-
	09/27/2018	**0.315**	0.0161	0.00551	0.00827	0.345	-	-
	12/20/2018	**0.108**	0.00380	0.00100 J	0.00290	0.116	-	-
	03/25/2019	**0.0513**	0.00539	0.00148	0.00450	0.0627	-	-
	06/21/2019	**0.323**	<0.00256	<0.00308	0.0150	0.338	-	-
	09/14/2019	**0.335**	0.0154	0.00755	0.0102	0.368	-	-
	12/17/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/20/2020	**0.0557**	0.00730	0.00170	0.00700	0.0717	-	-
	06/18/2020	**0.0973**	0.00183 J	0.0288	0.0496	0.178	-	-
	12/04/2020	0.00675	0.00382	0.000810 J	0.003320	0.01470	-	-
	09/24/2024	-	-	-	-	-	-	PA
MW-7A	12/09/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-

Table 2 - Groundwater Analytical Data - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	MTBE (mg/L)	Notes
NMWQCC - Groundwater Standards		0.010	0.750	0.750	0.620	-	-	-
MW-8	03/15/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	-	-
	06/15/2016	0.000700 J	<0.000621	<0.000763	<0.000256	-	-	-
	09/22/2016	<0.000223	<0.000238	<0.000238	<0.000243	-	-	-
	11/30/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/01/2017	0.00159 J	<0.00100	<0.000657	<0.000642	0.00159 J	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	06/18/2018	0.00110	<0.000512	<0.000616	<0.000270	0.00110	-	-
	09/26/2018	<0.000408	0.339	<0.000657	<0.000630	0.339	-	-
	12/20/2018	0.000900 J	<0.000512	<0.000616	<0.000270	0.000900 J	-	-
	03/25/2019	0.00342	<0.0005	0.000890	<0.000500	0.00431	-	-
	06/19/2019	0.00600	<0.000512	<0.000616	<0.000270	0.00600	-	-
	09/14/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/17/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/20/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	06/17/2020	0.000660 J	<0.000367	<0.000657	<0.000630	0.000660 J	-	-
	09/18/2020	0.00825	<0.000367	<0.000657	<0.000630	0.00825	-	-
	12/02/2020	0.00121 J	0.00125 J	0.000890 J	0.002820	0.006170	-	-
	03/11/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-	-
	06/15/2021	<0.00200	0.000834 J B	<0.00200	<0.00400	0.000834 J B	-	-
	09/24/2024	-	-	-	-	-	-	PA
MW-9	03/17/2016	**0.259**	0.269	0.0770	0.139	-	-	-
	06/15/2016	**0.220**	0.247	0.0176	0.0882	-	-	-
	09/22/2016	**0.253**	0.283	0.0830	0.186	-	-	-
	12/02/2016	**0.171**	0.116	0.0476	0.124	-	-	-
	03/23/2017	**0.370**	0.111	0.0819	0.201	-	-	-
	06/02/2017	**0.0359**	0.0214	0.00718	0.0192	0.0836	-	-
	09/26/2017	**4.95**	**2.31**	**0.902**	**2.32**	10.5	-	-
	12/21/2017	**1.29**	0.0543	0.0157	0.0958	1.46	-	-
	03/21/2018	**0.386**	0.0102	0.219	0.359	0.974	-	-
	06/18/2018	**0.136**	0.0100	0.0290	0.0700	0.245	-	-
	09/27/2018	**0.110**	0.0163	0.0204	0.0345	0.181	-	-
	12/20/2018	0.00610	<0.000512	0.000700 J	0.00310	0.00990	-	-
	03/25/2019	**0.0788**	0.00283	0.0378	0.0103	0.130	-	-
	06/20/2019	**0.384**	0.0153	0.0654	0.109	0.573	-	-
	09/15/2019	**0.478**	0.0406	0.0513	0.221	0.791	-	-
	12/19/2019	**0.224**	0.00580	0.0616	0.138	0.430	-	-
	03/20/2020	**0.246**	0.00110	0.0718	0.137	0.456	-	-
	06/18/2020	**0.158**	<0.000367	0.0493	0.0856	0.293	-	-
	09/21/2020	**0.0726**	0.00124 J	0.0139	0.0270	0.115	-	-
	12/04/2020	0.154	0.00175 J	0.0359	0.04010	0.2318	-	-
	03/10/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200		
	06/16/2021	0.00229	0.00587 B	<0.00200	0.00365 J	0.0118 B	-	-
	09/24/2024	-	-	-	-	-	-	PA
MW-9A	12/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
MW-10	03/15/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	-	-
	06/13/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-	-
	09/22/2016	<0.000223	0.000400 J	<0.000238	<0.000243	-	-	-
	11/30/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/01/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	06/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/26/2018	<0.000408	0.00204	<0.000657	<0.000630	0.00204	-	-
	12/20/2018	0.00130	<0.000512	<0.000616	<0.000270	0.00130	-	-
	03/26/2019	0.00203	<0.0005	<0.0005	<0.000500	0.00203	-	-
	06/20/2019	<0.000480	0.00130	<0.000616	<0.000270	0.00130	-	-
	09/14/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/18/2019	0.000780	<0.000367	<0.000657	<0.000630	0.000780	-	-
	03/20/2020	0.00430	<0.000512	0.00390	0.00700	0.0152	-	-
	06/18/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	09/21/2020	**0.0138**	<0.000367	<0.000657	<0.000630	0.0138	-	-
	12/04/2020	0.000590 J	0.000720 JF	<0.002000	0.0008700 J	0.002180	-	-
	03/10/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-	-
	06/15/2021	<0.00200	0.000955 J B	<0.00200	<0.00400	0.000955 J B	-	-
	09/09/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	12/02/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	03/17/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	06/08/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	09/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	09/24/2024	-	-	-	-	-	-	PA

Table 2 - Groundwater Analytical Data - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	MTBE (mg/L)	Notes
NMWQCC - Groundwater Standards		0.010	0.750	0.750	0.620	-	-	-
MW-11	03/15/2016	**0.722**	<0.0119	<0.0119	<0.0122	-	-	-
	06/15/2016	**0.371**	<0.0310	<0.0382	<0.0128	-	-	-
	09/23/2016	**0.0200**	0.00160	<0.000238	0.000900 J	-	-	-
	12/02/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/01/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	06/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/26/2018	0.00123 J	0.00808	<0.000657	<0.000630	0.00931	-	-
	12/20/2018	0.000700 J	<0.000512	<0.000616	<0.000270	0.000700 J	-	-
	03/26/2019	0.000560	<0.0005	<0.0005	<0.000500	0.000560	-	-
	06/21/2019	0.00300	<0.000512	<0.000616	<0.000270	0.00300	-	-
	09/15/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/18/2019	0.00105	<0.000367	<0.000657	<0.000630	0.00105	-	-
	03/19/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	06/18/2020	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	09/21/2020	0.00471	<0.000367	<0.000657	<0.000630	0.00471	-	-
	12/02/2020	0.00133 J	0.00101 J	<0.002000	0.0007400 J	0.003080	-	-
	03/11/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-	-
	06/15/2021	<0.00200	0.000780 J B	<0.00200	<0.00400	0.000780 J B	-	-
	09/09/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	12/02/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	03/17/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	09/24/2024	-	-	-	-	-	-	PA
MW-11A	12/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
MW-12	03/15/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	-	-
	06/15/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-	-
	09/22/2016	<0.000223	<0.000238	<0.000238	<0.000243	-	-	-
	11/30/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/01/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	06/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/27/2018	<0.000408	0.0365	<0.000657	<0.000630	0.0365	-	-
	12/20/2018	0.00110	<0.000512	<0.000616	<0.000270	0.00110	-	-
	03/24/2019	0.00602	<0.0005	0.000990	<0.000500	0.00701	-	-
	06/20/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/15/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/17/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/19/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	06/18/2020	0.00130 J	<0.000367	<0.000657	<0.000630	0.00130 J	-	-
	09/18/2020	**0.0142**	<0.000367	0.00196 J	0.000850 J	0.0170	-	-
	12/02/2020	0.000910 J	0.00158 J	<0.002000	0.0008400 J	0.003330	-	-
	03/11/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-	-
	06/15/2021	<0.00200	0.000680 J B	<0.00200	<0.00400	0.000680 J B	-	-
	09/24/2024	-	-	-	-	-	-	PA
MW-12A	12/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
MW-13	03/15/2016	0.00120	<0.00024	<0.00024	<0.00024	-	-	-
	06/15/2016	<0.000504	<0.000621	0.00580	<0.000256	-	-	-
	09/22/2016	<0.000223	<0.000238	0.000900 J	<0.000243	-	-	-
	11/30/2016	0.00230	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/02/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	06/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/26/2018	<0.000408	0.00530	<0.000657	<0.000630	0.00530	-	-
	12/20/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	03/25/2019	0.00583	<0.0005	0.00136	<0.000500	0.00719	-	-
	06/19/2019	0.00380	<0.000512	<0.000616	<0.000270	0.00380	-	-
	09/14/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/17/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/20/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	06/17/2020	0.00119 J	<0.000367	<0.000657	<0.000630	0.00119 J	-	-
	09/21/2020	**0.0111**	<0.000367	<0.000657	<0.000630	0.0111	-	-
	12/02/2020	0.00119 J	0.00103 J	0.00109 J	<0.0020000	0.003310	-	-
	03/11/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-	-
	06/15/2021	<0.00200	0.000909 J B	<0.00200	<0.00400	0.000909 J B	-	-
	09/24/2024	-	-	-	-	-	-	PA

Table 2 - Groundwater Analytical Data - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	MTBE (mg/L)	Notes
NMWQCC - Groundwater Standards		0.010	0.750	0.750	0.620	-	-	-
MW-14	03/15/2016	**0.0410**	<0.00024	<0.00024	0.00280	-	-	-
	06/15/2016	**0.253**	<0.000621	<0.000763	0.00540	-	-	-
	09/23/2016	**0.462**	<0.00119	<0.00119	0.00580	-	-	-
	12/02/2016	**0.195**	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	**0.0238**	<0.000367	<0.000657	<0.000630	-	-	-
	06/02/2017	0.00247	<0.00100	<0.000657	<0.000642	0.00247	-	-
	09/24/2018	-	-	-	-	-	-	DR
	12/20/2018	-	-	-	-	-	-	DR
	09/24/2024	-	-	-	-	-	-	PA
MW-14A	12/09/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
MW-15	03/15/2016	**0.983**	<0.0024	<0.0024	<0.0024	-	-	-
	06/15/2016	**1.64**	<0.0310	<0.0382	<0.0128	-	-	-
	09/23/2016	**3.47**	<0.0119	<0.0119	<0.0122	-	-	-
	12/02/2016	0.00464	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	**1.11**	<0.00918	<0.0164	<0.0157	-	-	-
	09/24/2018	-	-	-	-	-	-	DR
	12/20/2018	-	-	-	-	-	-	DR
	09/24/2024	-	-	-	-	-	-	PA
MW-15A	12/09/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
MW-16	03/15/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	-	-
	06/13/2016	0.000700 J	<0.000621	<0.000763	<0.000256	-	-	-
	09/22/2016	<0.000223	<0.000238	<0.000238	<0.000243	-	-	-
	11/30/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	09/24/2018	-	-	-	-	-	-	DR
	12/20/2018	-	-	-	-	-	-	DR
	09/24/2024	-	-	-	-	-	-	PA
MW-17	03/15/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	-	-
	06/15/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-	-
	09/22/2016	<0.000223	<0.000238	<0.000238	<0.000243	-	-	-
	11/30/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/02/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	0.000620 J	<0.000657	<0.000630	0.000620 J	-	-
	06/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/26/2018	<0.000408	0.00234	<0.000657	<0.000630	0.00234	-	-
	12/20/2018	0.00240	<0.000512	<0.000616	<0.000270	0.00240	-	-
	03/26/2019	0.000740	<0.0005	<0.0005	<0.000500	0.000740	-	-
	06/20/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/14/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/19/2019	0.000740	<0.000367	<0.000657	<0.000630	0.000740	-	-
	03/21/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	06/19/2020	0.00284	0.000500 J	<0.000657	<0.000630	0.00334	-	-
	09/22/2020	0.00594	<0.000367	<0.000657	<0.000630	0.00594	-	-
	12/02/2020	0.00123 J	0.00123 J	0.000670 J	0.0009000 J	0.004030	-	-
	03/10/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-	-
	06/15/2021	<0.00200	0.000966 J B	<0.00200	<0.00400	0.000966 J B	-	-
	09/08/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	12/02/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	03/17/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	09/09/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	09/24/2024	-	-	-	-	-	-	PA
MW-18	03/15/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	-	-
	06/15/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-	-
	09/22/2016	<0.000223	<0.000238	<0.000238	<0.000243	-	-	-
	11/30/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/02/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	0.000640 J	<0.000657	<0.000630	0.000640 J	-	-
	06/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/26/2018	0.000660 J	0.00564	<0.000657	<0.000630	0.00630	-	-
	12/20/2018	0.00100 J	<0.000512	<0.000616	<0.000270	0.00100 J	-	-
	03/26/2019	0.000800	<0.0005	<0.0005	<0.000500	0.000800	-	-
	06/20/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/14/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/19/2019	0.000880	<0.000367	<0.000657	<0.000630	0.000880	-	-
	03/21/2020	<0.000480	<0.000512	0.000900 J	0.000800 J	0.00170	-	-
	06/19/2020	0.00136 J	<0.000367	<0.000657	<0.000630	0.00136 J	-	-
	09/22/2020	0.00496	<0.000367	<0.000657	<0.000630	0.00496	-	-
	12/02/2020	0.000630 J	0.00138 J	0.000810 J	0.002060	0.004880	-	-
	03/10/2021	<0.00200 H	<0.00200 H	<0.00200 H	<0.00400 H	<0.00400 H	-	-
	06/15/2021	<0.00200	0.00108 J B	<0.00200	<0.00400	0.00108 J B	-	-
	09/08/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	12/02/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	09/24/2024	-	-	-	-	-	-	PA
MW-18A	12/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-

Table 2 - Groundwater Analytical Data - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	MTBE (mg/L)	Notes
NMWQCC - Groundwater Standards		0.010	0.750	0.750	0.620	-	-	-
MW-19	03/15/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	-	-
	06/15/2016	0.000600 J	<0.000621	<0.000763	<0.000256	-	-	-
	09/22/2016	<0.000223	<0.000238	<0.000238	<0.000243	-	-	-
	11/30/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/02/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	0.000730 J	<0.000657	<0.000630	0.000730 J	-	-
	06/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/26/2018	<0.000408	0.00208	<0.000657	<0.000630	0.00208	-	-
	12/20/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	03/26/2019	0.00466	0.000730	0.00122	<0.000500	0.00661	-	-
	06/20/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/14/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/19/2019	0.000990	<0.000367	<0.000657	<0.000630	0.000990	-	-
	03/21/2020	0.00110	<0.000512	0.000700 J	<0.000270	0.00180	-	-
	06/16/2020	0.00127 J	<0.000367	<0.000657	<0.000630	0.00127 J	-	-
	09/22/2020	0.00585	<0.000367	<0.000657	<0.000630	0.00585	-	-
	12/02/2020	0.00143 J	<0.002000	<0.002000	0.0008600 J	0.002290	-	-
	03/29/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	-	-
	06/15/2021	<0.00200	0.00113 J B	<0.00200	<0.00400	0.00113 J B	-	-
	09/24/2024	-	-	-	-	-	-	PA
MW-19A	12/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
MW-20	03/15/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	-	-
	06/13/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-	-
	09/22/2016	<0.000223	<0.000238	<0.000238	<0.000243	-	-	-
	11/30/2016	0.00268	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/02/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	06/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/27/2018	<0.000408	0.0197	<0.000657	<0.000630	0.0197	-	-
	12/20/2018	0.00100 J	<0.000512	<0.000616	<0.000270	0.00100 J	-	-
	03/26/2019	<0.0005	<0.0005	<0.0005	<0.000500	<0.000500	-	-
	06/21/2019	0.00680	<0.000512	<0.000616	<0.000270	0.00680	-	-
	09/15/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/18/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2020	0.00490	0.00160	0.00120	0.00360	0.0113	-	-
	06/16/2020	0.00153 J	<0.000367	<0.000657	<0.000630	0.00153 J	-	-
	09/22/2020	0.00876	<0.000367	<0.000657	<0.000630	0.00876	-	-
	12/02/2020	0.00105 J	0.00131 J	<0.002000	0.001090 J	0.003450	-	-
	03/10/2021	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	-	-
	06/15/2021	<0.00200	0.00160 J B	<0.00200	0.000889 J	0.00249 J B	-	-
	09/08/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	12/02/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	03/17/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	09/24/2024	-	-	-	-	-	-	PA
MW-21	03/15/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	-	-
	06/13/2016	<0.000504	<0.000621	<0.000763	<0.000256	-	-	-
	09/22/2016	<0.000223	<0.000238	<0.000238	<0.000243	-	-	-
	11/30/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-	-
	03/23/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/02/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	06/18/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/27/2018	<0.000408	0.0260	<0.000657	<0.000630	0.0260	-	-
	12/20/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	03/26/2019	0.00360	<0.0005	0.00115	<0.000500	0.00475	-	-
	06/21/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/15/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/18/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2020	0.00140	0.000900 J	0.000800 J	0.00110	0.00420	-	-
	06/16/2020	-	-	-	-	-	-	DS

Table 2 - Groundwater Analytical Data - Historical
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total BTEX (mg/L)	MTBE (mg/L)	Notes
NMWQCC - Groundwater Standards		0.010	0.750	0.750	0.620	-	-	-
MW-21A	09/22/2020	0.00468	<0.000367	<0.000657	<0.000630	0.00468	-	-
	12/02/2020	0.00137 J	0.000920 J	0.000730 J	0.001480 J	0.004500	-	-
	03/10/2021	<0.00200 H	<0.00200 H	<0.00200 H	<0.00400 H	<0.00400 H	-	-
	06/15/2021	<0.00200	0.00137 J B	<0.00200	<0.00400	0.00137 J B	-	-
	09/08/2021	<0.00200	<0.00200	0.000677 J	<0.00400	0.000677 J	-	-
	12/02/2021	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	-	-
	03/17/2022	<0.000408	0.000414 J	<0.000657	<0.000642	<0.000657	-	-
	06/08/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	09/12/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	12/13/2022	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	03/10/2023	<0.000408	<0.000367	<0.000657	<0.000642	<0.000657	-	-
	06/14/2023	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	-	-
	09/11/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	12/07/2023	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	03/06/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	06/06/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	09/09/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
	12/10/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-
MW-22	03/15/2016	0.00340	<0.00024	<0.00024	<0.00024	-	-	-
	06/15/2016	0.000600 J	<0.000621	<0.000763	<0.000256	-	-	-
	09/22/2016	<0.000223	<0.000238	<0.000238	<0.000243	-	-	-
	11/30/2016	<0.000408	<0.00100	<0.000657	<0.000642	-	-	-
	03/24/2017	<0.000408	<0.000367	<0.000657	<0.000630	-	-	-
	06/01/2017	<0.000408	<0.00100	<0.000657	<0.000642	<0.000408	-	-
	09/26/2017	<0.000408	<0.00100	<0.000657	<0.000630	<0.000408	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	<0.000367	<0.000657	0.00281	0.00281	-	-
	06/18/2018	0.00370	<0.000512	<0.000616	<0.000270	0.00370	-	-
	09/26/2018	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	12/20/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	03/24/2019	<0.0005	<0.0005	<0.0005	<0.000500	<0.000500	-	-
	06/21/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/14/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	-	-
	12/18/2019	0.00155	<0.000367	<0.000657	<0.000630	0.00155	-	-
	03/19/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	06/17/2020	0.00187 J	<0.000367	<0.000657	<0.000630	0.00187 J	-	-
	09/18/2020	**0.0465**	0.000570 JX	0.00296	<0.000630	0.0500	-	-
	12/04/2020	0.00149 J	0.00128 J	<0.002000	0.0006800 J	0.003450	-	-
	06/15/2021	<0.00200	0.000979 J B	<0.00200	<0.00400	0.000979 J B	-	-
	09/08/2021	<0.00200	<0.00200	0.000967 J	<0.00400	0.000967 J	-	-
MW-23	03/15/2016	<0.00022	<0.00024	<0.00024	<0.00024	-	-	-
	06/13/2016	0.00400	<0.000621	<0.000763	0.00070 J	-	-	-
	09/22/2016	**0.0134**	<0.000238	<0.000238	<0.000243	-	-	-
	11/30/2016	**0.0694**	<0.0200	<0.0131	<0.0128	-	-	-
	03/23/2017	**0.209**	0.00223	<0.000657	0.0124	-	-	-
	06/02/2017	**0.0538**	<0.00100	<0.000657	0.0109	0.0647	-	-
	09/26/2017	0.00199 J	0.00127 J	0.00255	0.0238	0.0296	-	-
	12/21/2017	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/21/2018	<0.000408	<0.000367	<0.000657	0.00628	0.00628	-	-
	06/18/2018	<0.000480	<0.000512	<0.000616	0.00420	0.00420	-	-
	09/26/2018	0.00279	<0.000367	<0.000657	0.00652	0.00931	-	-
	12/20/2018	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	03/24/2019	<0.0005	<0.0005	<0.0005	<0.000500	<0.000500	-	-
	06/21/2019	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	09/10/2019	<0.000408	<0.000367	<0.000657	<0.00063	<0.000367	<0.00258	-
	12/18/2019	<0.000408	<0.000367	<0.000657	<0.000630	<0.000367	-	-
	03/19/2020	<0.000480	<0.000512	<0.000616	<0.000270	<0.000270	-	-
	06/17/2020	0.00138 J	<0.000367	<0.000657	<0.000630	0.00138 J	-	-
	09/18/2020	**0.0137**	<0.000367	0.00178 J	<0.000630	0.0155	-	-
	12/04/2020	0.00172 J	0.00160 J	0.000960 J	0.002090	0.006370	-	-
	06/15/2021	<0.00200	0.000794 J B	<0.00200	<0.00400	0.000794 J B	-	-
	09/08/2021	<0.00200	<0.00200	0.000805 J	<0.00400	0.000805 J	-	-
MW-24	12/09/2024	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	-	-

Notes:
mg/L = milligrams per Liter
DR = Dry
PA = Well Plugged and Abandoned
DS = Well Destroyed
Lab Flags noted next to vales. See lab report for description.

Analyte concentration exceeds the standard for:
NMWQCC - Groundwater Standards

Table 3 - Groundwater Analytical Data - Historical - PAH Supplement
Moore to Jal #2
Lea County, NM
SRS#: 2002-10273

Sample ID	Date Sampled	1-Methylnaphthalene (mg/L)	2-Methylnaphthalene (mg/L)	Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(a)pyrene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(g,h,i)perylene (mg/L)	Benzo(k)fluoranthene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Dibenzofuran (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno (1,2,3-c,d) pyrene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)
NMWQCC - Groundwater Standards		-	-	-	-	0.001	-	0.0007	0.001	-	0.001	-	-	-	0.001	0.001	-	0.030	0.001	0.001
MW-3A	03/15/2016	-	-	<0.000033	<0.000058	<0.000032	<0.000072	<0.000042	<0.000071	<0.000052	<0.000056	<0.000081	<0.000056	<0.000061	<0.000064	<0.000079	<0.000054	<0.000066	<0.000052	<0.000041
	03/21/2018	-	-	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109
	03/25/2019	-	-	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	<0.0000053	<0.0000090	<0.0000055	<0.0000049	<0.0000045	<0.0000055	<0.0000092
MW-4A	03/15/2016	-	-	<0.000033	<0.000058	<0.000032	<0.000072	<0.000042	<0.000071	<0.000052	<0.000056	<0.000081	<0.000056	<0.000061	<0.000064	<0.000079	<0.000054	<0.000066	<0.000052	<0.000041
	03/21/2018	-	-	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108
	03/25/2019	-	-	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	<0.0000053	<0.0000090	<0.0000055	<0.0000049	<0.0000045	<0.0000055	<0.0000092
MW-5	03/17/2022	-	-	<0.0000998	<0.0000840	<0.0000898	<0.000134	<0.0000570	<0.0000699	<0.000113	<0.000116	<0.000156	<0.0000759	<0.0000998	<0.000157	<0.000101	<0.0000911	<0.0000970	<0.0000848	<0.000130
MW-6	12/02/2016	-	-	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	0.000150	<0.0000250	0.000833	<0.0000250	0.000996	<0.0000250	0.00458	0.000795	<0.0000250
	03/21/2018	-	-	<0.000107	0.000172 J	<0.000107	<0.000107	<0.000107	<0.000107	<0.000107	<0.000107	<0.000107	<0.000107	0.000466	<0.000107	0.000461	<0.000107	0.00517	0.000523	<0.000107
	03/24/2019	-	-	<0.0000042	<0.0000075	<0.0000078	<0.0000065	**0.000786**	<0.0000094	<0.0000082	<0.0000080	0.000270	<0.0000051	<0.0000055	0.0000623	<0.0000056	<0.0000051	0.0000675	<0.0000057	0.0000828
	03/19/2020	-	-	<0.000124	<0.000104	<0.000107	<0.000166	<0.0000706	<0.0000880	<0.000140	<0.000144	<0.000193	<0.0000941	-	<0.000195	<0.000125	<0.000113	<0.000120	<0.000105	<0.000161
MW-7	12/02/2016	-	-	0.000172	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	0.000189	<0.0000250	0.000634	<0.0000250	0.000714	<0.0000250	0.0201 D	0.000269	0.0000505
	03/21/2018	-	-	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	0.000209	<0.000109	0.000140 J	<0.000109	0.00107	<0.000109	<0.000109
	03/25/2019	-	-	<0.0000041	<0.0000074	<0.0000077	<0.0000064	<0.0000096	<0.0000092	<0.0000080	<0.0000079	0.000149	<0.000005	0.0000429	0.0000399	0.0000561	<0.000005	0.000125	<0.0000056	0.0000465
	03/20/2020	-	-	<0.000124	<0.000105	<0.000108	<0.000167	<0.0000709	<0.0000884	<0.000141	<0.000144	<0.000194	<0.0000945	-	<0.000195	<0.000125	<0.000113	<0.000121	<0.000106	<0.000162
MW-8	11/30/2016	-	-	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
	03/21/2018	-	-	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108	<0.000108
	03/25/2019	-	-	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	<0.0000053	<0.0000090	<0.0000055	<0.0000049	0.0000422	<0.0000055	<0.0000092
	03/20/2020	-	-	<0.000115	<0.0000967	<0.0000995	<0.000154	<0.0000655	<0.0000816	<0.000130	<0.000133	<0.000179	<0.0000873	-	<0.000181	<0.000116	<0.000105	<0.000112	<0.0000976	<0.000150
MW-9	12/02/2016	-	-	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	0.0000694	0.0000535	<0.0000250	0.000491	<0.0000250	<0.0000250	0.000160	<0.0000250	<0.0000250	0.00207	<0.0000250	0.000159
	03/21/2018	-	-	0.000210	0.000308	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	0.000823	<0.000109	0.000612	<0.000109	0.0289	-	<0.000109
	03/25/2019	-	-	<0.0000041	<0.0000074	<0.0000077	<0.0000064	<0.0000096	<0.0000092	0.0000719	<0.0000079	0.000198	<0.000005	<0.0000054	0.0000735	<0.0000055	<0.000005	0.000126	<0.0000056	0.000105
	03/20/2020	-	-	<0.000124	<0.000104	<0.000107	<0.000166	<0.0000705	<0.0000879	<0.000140	<0.000144	<0.000193	<0.0000939	-	<0.000194	<0.000125	<0.000113	0.00573	<0.000105	<0.000161
MW-10	03/17/2022	-	-	<0.000100	<0.0000844	<0.0000902	<0.000134	<0.0000572	<0.0000701	<0.000113	<0.000116	<0.000156	<0.0000761	<0.000100	<0.000157	<0.000101	<0.0000915	<0.0000974	<0.0000852	<0.000130
MW-11	03/17/2022	-	-	<0.000100	<0.0000842	<0.0000900	<0.000134	<0.0000571	<0.0000700	<0.000113	<0.000116	<0.000156	<0.0000760	<0.000100	<0.000157	<0.000101	<0.0000913	<0.0000972	<0.0000850	<0.000130
MW-17	03/17/2022	-	-	<0.000100	<0.0000842	<0.0000900	<0.000134	<0.0000571	<0.0000700	<0.000113	<0.000116	<0.000156	<0.0000760	<0.000100	<0.000157	<0.000101	<0.0000913	<0.0000972	<0.0000850	<0.000130
MW-18	12/05/2016	-	-	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250	<0.0000250
	03/21/2018	-	-	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109	<0.000109
	03/26/2019	-	-	<0.0000041	<0.0000074	<0.0000077	<0.0000064	<0.0000096	<0.0000092	<0.0000080	<0.0000079	<0.0000089	<0.000005	<0.0000054	<0.0000090	<0.0000055	<0.000005	0.0000621	<0.0000056	<0.0000093
	03/21/2020	-	-	<0.000119	<0.0000998	<0.000103	<0.000159	<0.0000677	<0.0000843	<0.000134	<0.000138	<0.000185	<0.0000901	-	<0.000186	<0.000119	<0.000108	<0.000115	<0.000101	<0.000155
MW-20	03/17/2022	-	-	<0.0000986	<0.0000830	<0.0000887	<0.000132	<0.0000563	<0.0000690	<0.000111	<0.000114	<0.000154	<0.0000749	<0.0000986	<0.000155	<0.0000996	<0.0000900	<0.0000958	<0.0000838	<0.000128
MW-21A	03/10/2021	-	-	<1.5	<1.5	<7.3	<0.0091	<0.0002	<0.0091	<0.73	<0.091	<0.91	<0.0002	-	<0.98	<0.98	<0.0091	<0.49	<0.73	<0.73
	03/17/2022	-	-	<0.0000980	<0.0000825	<0.0000882	<0.000131	<0.0000560	<0.0000686	<0.000111	<0.000114	<0.000153	<0.0000745	<0.0000980	<0.000154	<0.0000990	<0.0000895	<0.0000953	<0.0000833	<0.000127
	03/10/2023	-	-	<0.0000980	<0.0000825	<0.0000882	<0.000131	<0.0000560	<0.0000686	<0.000111	<0.000114	<0.000153	<0.0000745	<0.0000980	<0.000154	<0.0000990	<0.0000895	<0.0000953	<0.0000833	<0.000127
	03/24/2024	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	-	<0.00011	<0.00011	-	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011
MW-22	03/15/2016	-	-	<0.000033	<0.000058	<0.000032	<0.000072	<0.000042	<0.000071	<0.000052	<0.000056	<0.000081	<0.000056	<0.000061	<0.000064	<0.000079	<0.000054	<0.000066	<0.000052	<0.000041
	03/21/2018	-	-	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	0.000948	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111	<0.000111
	03/24/2019	-	-	<0.0000042	<0.0000075	<0.0000077	<0.0000065	<0.0000097	<0.0000093	<0.0000081	<0.0000079	<0.0000090	<0.0000050	0.000270	<0.0000091	0.0000366	<0.0000050	<0.0000046	<0.0000056	<0.0000094
	03/19/2020	-	-	<0.000111	<0.0000933	<0.0000960	<0.000149	<0.0000632	<0.0000788	<0.000125	<0.000129	<0.000173	<0.0000842	-	<0.000174	<0.000112	<0.000101	<0.000108	<0.0000942	<0.000144
MW-23	03/15/2016	-	-	<0.000033	<0.000058	<0.000032	<0.000072	**0.00983**	<0.000071	0.0333	<0.000056	<0.000081	0.107	<0.000061	<0.000064	<0.000079	0.168	<0.000066	<0.000052	<0.000041
	03/21/2018	-	-	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	<0.000110	0.000889	<0.000110	<0.000110
	03/24/2019	-	-	<0.0000041	<0.0000073	<0.0000076	<0.0000063	<0.0000095	<0.0000091	<0.0000080	<0.0000078	<0.0000088	<0.0000049	0.000209	<0.0000090	0.0000325	<0.0000049	0.000416	0.000184	<0.0000092
	03/19/2020	-	-	<0.000116	<0.0000980	<0.000101	<0.000157	<0.0000664	<0.0000828	<0.000132	<0.000135	<0.000182	<0.0000885	-	<0.000183	<0.000117	<0.000106	<0.000113	<0.0000990	<0.000152

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

Analyte concentration exceeds the standard for:
NMWQCC - Groundwater Standards

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 #2 (MTJ2)

Project Number: SRS#2002-10273

Location: LEA COUNTY

Lab Order Number: 4C07007

Current Certification

Report Date: 03/28/24

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-3A	4C07007-01	Water	03/06/24 12:08	03-07-2024 08:45
MW-4A	4C07007-02	Water	03/06/24 11:36	03-07-2024 08:45
MW-21A	4C07007-03	Water	03/06/24 12:56	03-07-2024 08:45

Due to a Shipping issue the PAH sample was shipped to the wrong lab and was therefor cancelled .

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-3A

4C07007-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/08/24 11:58	03/08/24 21:48	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/08/24 11:58	03/08/24 21:48	EPA 8021B	
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 21:48	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 21:48	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 21:48	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 21:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 21:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*88.3 %*	*80-120*		*P4C0805*	*03/08/24 11:58*	*03/08/24 21:48*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*80-120*		*P4C0805*	*03/08/24 11:58*	*03/08/24 21:48*	*EPA 8021B*	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-4A

4C07007-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/08/24 11:58	03/08/24 22:11	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/08/24 11:58	03/08/24 22:11	EPA 8021B	
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 22:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 22:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 22:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 22:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 22:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*88.3 %*	*80-120*		*P4C0805*	*03/08/24 11:58*	*03/08/24 22:11*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.3 %*	*80-120*		*P4C0805*	*03/08/24 11:58*	*03/08/24 22:11*	*EPA 8021B*	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-21A

4C07007-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Total BTEX	ND	0.00100	mg/L	1	[CALC]	03/08/24 11:58	03/08/24 22:34	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	03/08/24 11:58	03/08/24 22:34	EPA 8021B	
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 22:34	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 22:34	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 22:34	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 22:34	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4C0805	03/08/24 11:58	03/08/24 22:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.8 %*	*80-120*		*P4C0805*	*03/08/24 11:58*	*03/08/24 22:34*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*80-120*		*P4C0805*	*03/08/24 11:58*	*03/08/24 22:34*	*EPA 8021B*	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4C0805 - * DEFAULT PREP *** **										
Blank (P4C0805-BLK1)				Prepared & Analyzed: 03/08/24						
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	*0.110*		*"*	*0.120*		*91.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*98.9*	*80-120*			
LCS (P4C0805-BS1)				Prepared & Analyzed: 03/08/24						
Benzene	0.100	0.00100	mg/L	0.100		100	80-120			
Toluene	0.0881	0.00100	"	0.100		88.1	80-120			
Ethylbenzene	0.0897	0.00100	"	0.100		89.7	80-120			
Xylene (p/m)	0.181	0.00200	"	0.200		90.3	80-120			
Xylene (o)	0.0840	0.00100	"	0.100		84.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*91.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
LCS Dup (P4C0805-BSD1)				Prepared & Analyzed: 03/08/24						
Benzene	0.116	0.00100	mg/L	0.100		116	80-120	14.8	20	
Toluene	0.104	0.00100	"	0.100		104	80-120	16.3	20	
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120	15.8	20	
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120	15.4	20	
Xylene (o)	0.0985	0.00100	"	0.100		98.5	80-120	15.9	20	
Surrogate: 4-Bromofluorobenzene	*0.103*		*"*	*0.120*		*86.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.2*	*80-120*			
Calibration Blank (P4C0805-CCB1)				Prepared & Analyzed: 03/08/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.210		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*90.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.2*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4C0805 - * DEFAULT PREP *** **										
Calibration Blank (P4C0805-CCB2)				Prepared & Analyzed: 03/08/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.290		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.3*	*80-120*			
Calibration Check (P4C0805-CCV1)				Prepared & Analyzed: 03/08/24						
Benzene	0.117	0.00100	mg/L	0.100		117	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.0974	0.00100	"	0.100		97.4	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0979	0.00100	"	0.100		97.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.6*	*80-120*			
Calibration Check (P4C0805-CCV2)				Prepared & Analyzed: 03/08/24						
Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.0958	0.00100	"	0.100		95.8	80-120			
Ethylbenzene	0.0916	0.00100	"	0.100		91.6	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200		99.0	80-120			
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*80-120*			
Calibration Check (P4C0805-CCV3)				Prepared: 03/08/24 Analyzed: 03/09/24						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		110	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4C0805 - * DEFAULT PREP *** **										
Matrix Spike (P4C0805-MS1)	**Source: 4C07006-01**			Prepared: 03/08/24 Analyzed: 03/09/24						
Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120			
Toluene	0.105	0.00100	"	0.100	ND	105	80-120			
Ethylbenzene	0.107	0.00100	"	0.100	ND	107	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200	ND	107	80-120			
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Matrix Spike Dup (P4C0805-MSD1)	**Source: 4C07006-01**			Prepared: 03/08/24 Analyzed: 03/09/24						
Benzene	0.114	0.00100	mg/L	0.100	ND	114	80-120	0.642	20	
Toluene	0.105	0.00100	"	0.100	ND	105	80-120	0.495	20	
Ethylbenzene	0.107	0.00100	"	0.100	ND	107	80-120	0.439	20	
Xylene (p/m)	0.216	0.00200	"	0.200	ND	108	80-120	0.562	20	
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120	0.0695	20	
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*87.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

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: Brent Barron Date: 3/28/2024

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST L: ____ CH: ____ W: ____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: David Adkins
Company Name: Talon LPE
Company Address: 408 Texas St.
City/State/Zip: Artesia, NM 88210
Telephone No: 575-441-4835 **Fax No:**
Sampler Signature: Bartlett Madley

Project Name: Moore to Jal #2 (MTJ2)
Project #: Plains All American Pipeline
Project Loc: Lea County, NM
PO #: SRS# 2002-10273
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: dadkins@talonlpe.com, mgomez@talonlpe.com

(lab use only) **ORDER #:** 4C01007

Analyze For: TCLP: TOTAL:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: 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	PAH	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
1	MW-3A			3-6-24	12:08		3	3		3						GW				X			X
2	MW-4A			3-6-24	11:36		3	3		3						GW				X			X
3	MW-21A			3-6-24	12:56		6	6		3				3		GW				X	X		X

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

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3/7/24	8:45			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
			Irma Bledsoe	8/7/24	8:45

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: 4.9 °C Thermometer: NCE 03
Adjusted: °C Factor:

PBEL_COC_2021_1 Revision #: 2021_1 Effective Date: 9-21-21 Page ___ of ___

PBELAB

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

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	$Na_2S_2O_3$	NONE 500 POLY	NONE 3 AMBER VOAA VIALS	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: 8270C PAH LL	24 HOUR RUSH	STANDARD
	4C07007-03			3/6/2024	12:56		3	X							X	W	X		X

Relinquished by:	Date	Time	Received by:	Date	Time
Brent Barron					
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

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

PBELAB

Analytical Report

Prepared for:

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

Project: Moore to Jal #2 (MTJ2)
Project Number: SRS#2002-10273
Location: LEA COUNTY

Lab Order Number: 4C26017

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 04/02/24

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-21A	4C26017-01	Water	03/22/24 13:02	03-26-2024 10:02

Low Level 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	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-21A

4C26017-01 (Water)

Permian Basin Environmental Lab, L.P.

PAH compounds by Semivolatile GCMS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1-Methylnaphthalene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
2-Methylnaphthalene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Acenaphthene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Acenaphthylene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Anthracene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Benzo (a) anthracene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Benzo (a) pyrene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Chrysene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Dibenzofuran	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Fluoranthene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Fluorene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Naphthalene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Phenanthrene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13
Pyrene	ND	0.00011	mg/L	1	P4D0214	03/29/24 08:00	03/29/24 17:22	8270C	SUB-13

Talon LPE	Project:	Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number:	SRS#2002-10273
Midland TX, 79706	Project Manager:	David Adkins

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
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: Brent Barron Date: 4/2/2024

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager:	David Adkins	**Project Name:**	Moore to Jal #2 (MTJ2)
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# 2002-10273
Telephone No:	575-441-4835	**Fax No:**	
Report Format:	☐ Standard ☐ TRRP ☐ NPDES		
Sampler Signature:	Bartlett Malley	**e-mail:**	dadkins@talonlpe.com, mgomez@talonlpe.com

(lab use only)
ORDER #: 4C26017

Analyze For:

TCLP:
TOTAL:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: 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	PAH												RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
							3	3		3						GW			X															X
1	MW-21A			3-22-24	1:02		3	3						3						X														X

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

	Relinquished by:	Date	Time	Received by:	Date	Time
	Bartlett Malley	3-25-24	9:05	[illegible]	3-25-24	9:05
	Relinquished by:	Date	Time	Received by:	Date	Time
	Relinquished by:	Date	Time	Received by PBEL: Trina Bedroe	3/26/24	10:02

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? (UPS) DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 1.4 °C Thermometer: NCF
Adjusted: °C Factor: 13

TALON LPE
(575) 392-7550
MAIL SERVICES ETC, LLC
4008 N GRIMES ST
HOBBS NM 88240

4 LBS

1 OF 1

DWT: 12,9,8

SHIP TO:
PERMIAN BASIN ENVIORMENTAL LAB
(575) 441-4835
PERMIAN BASIN ENVIORMENTAL LAB
1400 RANKIN HWY
MIDLAND TX 79701-8137

TX 797 9-01

UPS NEXT DAY AIR

1

TRACKING #: 1Z 792 380 01 4233 0028

BILLING: P/P

WS 26 0.3B LP2844 12.0A 03/2024

SEE NOTICE ON REVERSE regarding UPS terms, and notice of limitation of liability. Where allowed by law, shipper authorizes UPS to act as forwarding agent for export control and customs purposes. If exported from the US, shipper certifies that the commodities, technology or software were exported from the US in accordance with the Export Administration Regulations. Diversion contrary to law is prohibited.

For information about UPS's privacy practices or to opt out from the sale of personal information, please see the UPS Privacy Notice at www.ups.com

RRD RF2 1123

PERMIAN BAS
1400 RANK

PBELAB

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

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Zinc Acetate 250ML Po	NONE 500 ML AMBER	NONE 500 POLY/1Lt. POLY	NONE 3 AMBER VOAA VIALS	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: 8270C PAH LL	48 HOUR RUSH	STANDARD
	4C26017			3/22/2024	13:02		3	X							X	W	X	X	

Relinquished by: Brent Barron	3/26/2024	5:00 PM	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

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

April 01, 2024

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

Work Order: **HS24031570**

Laboratory Results for: **4C26017**

Dear Brent Barron,

ALS Environmental received 1 sample(s) on Mar 27, 2024 for the analysis presented in the following report.

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

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

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

Sincerely,

Generated By: JUMOKE.LAWAL
Anna Kinchen
Project Manager

ALS Houston, US Date: 01-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C26017
Work Order: HS24031570

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24031570-01	4C26017	Water		22-Mar-2024 13:02	27-Mar-2024 09:30	☐

ALS Houston, US Date: 01-Apr-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4C26017
Work Order: HS24031570

GCMS Semivolatiles by Method SW8270

Batch ID: 209617

Sample ID: LCSD-209617

• LCSD RPD was above the upper control limit. The individual recoveries were in control.

ALS Houston, US Date: 01-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C26017
Sample ID: 4C26017
Collection Date: 22-Mar-2024 13:02

ANALYTICAL REPORT
WorkOrder:HS24031570
Lab ID:HS24031570-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D	**Method:SW8270**			Prep:SW3511 / 29-Mar-2024		Analyst: MBG
1-Methylnaphthalene	ND	n	0.109	ug/L	1	29-Mar-2024 17:22
2-Methylnaphthalene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Acenaphthene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Acenaphthylene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Anthracene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Benz(a)anthracene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Benzo(a)pyrene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Benzo(b)fluoranthene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Benzo(g,h,i)perylene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Benzo(k)fluoranthene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Chrysene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Dibenz(a,h)anthracene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Fluoranthene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Fluorene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Indeno(1,2,3-cd)pyrene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Naphthalene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Phenanthrene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Pyrene	ND		0.109	ug/L	1	29-Mar-2024 17:22
Surr: 2-Fluorobiphenyl	*70.4*		*32-130*	*%REC*	*1*	*29-Mar-2024 17:22*
Surr: 4-Terphenyl-d14	*59.7*		*40-135*	*%REC*	*1*	*29-Mar-2024 17:22*
Surr: Nitrobenzene-d5	*65.5*		*45-142*	*%REC*	*1*	*29-Mar-2024 17:22*

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

ALS Houston, US

Date: 01-Apr-24

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4C26017
WorkOrder: HS24031570

Batch ID: 209617 **Start Date:** 29 Mar 2024 08:00 **End Date:** 29 Mar 2024 08:00
Method: SW3511 **Prep Code:** 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24031570-01		30.33 (mL)	2 (mL)	0.06594	40 mL Amber

ALS Houston, US Date: 01-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C26017
WorkOrder: HS24031570

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 209617 (0)	**Test Name :** LOW-LEVEL PAHS - 8270D				**Matrix:** Water	
HS24031570-01	4C26017	22 Mar 2024 13:02		29 Mar 2024 08:00	29 Mar 2024 17:22	1

ALS Houston, US Date: 01-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C26017
WorkOrder: HS24031570

QC BATCH REPORT

Batch ID: 209617 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

MBLK Sample ID: **MBLK-209617** Units: **ug/L** Analysis Date: **29-Mar-2024 16:21**
Client ID: Run ID: **SV-6_462714** SeqNo: **7919038** PrepDate: **29-Mar-2024** 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	*1.839*	*0.100*	*3.03*	*0*	*60.7*	*32 - 130*			
Surr: 4-Terphenyl-d14	*1.854*	*0.100*	*3.03*	*0*	*61.2*	*40 - 135*			
Surr: Nitrobenzene-d5	*2.038*	*0.100*	*3.03*	*0*	*67.3*	*45 - 142*			

ALS Houston, US Date: 01-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C26017
WorkOrder: HS24031570

QC BATCH REPORT

Batch ID: 209617 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCS Sample ID: **LCS-209617** Units: **ug/L** Analysis Date: **29-Mar-2024 16:41**
Client ID: Run ID: **SV-6_462714** SeqNo: **7919039** PrepDate: **29-Mar-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	2.355	0.100	3.03	0	77.7	40 - 140			
2-Methylnaphthalene	1.606	0.100	3.03	0	53.0	40 - 140			
Acenaphthene	1.982	0.100	3.03	0	65.4	40 - 140			
Acenaphthylene	2.35	0.100	3.03	0	77.5	40 - 140			
Anthracene	2.288	0.100	3.03	0	75.5	40 - 140			
Benz(a)anthracene	1.69	0.100	3.03	0	55.8	40 - 140			
Benzo(a)pyrene	1.65	0.100	3.03	0	54.5	40 - 140			
Benzo(b)fluoranthene	1.408	0.100	3.03	0	46.5	40 - 140			
Benzo(g,h,i)perylene	1.952	0.100	3.03	0	64.4	40 - 140			
Benzo(k)fluoranthene	1.723	0.100	3.03	0	56.9	40 - 140			
Chrysene	2.245	0.100	3.03	0	74.1	40 - 140			
Dibenz(a,h)anthracene	1.939	0.100	3.03	0	64.0	40 - 140			
Fluoranthene	1.833	0.100	3.03	0	60.5	40 - 140			
Fluorene	2.022	0.100	3.03	0	66.7	40 - 140			
Indeno(1,2,3-cd)pyrene	1.777	0.100	3.03	0	58.6	40 - 140			
Naphthalene	2.494	0.100	3.03	0	82.3	40 - 140			
Phenanthrene	1.498	0.100	3.03	0	49.4	40 - 140			
Pyrene	1.999	0.100	3.03	0	66.0	40 - 140			
Surr: 2-Fluorobiphenyl	*1.795*	*0.100*	*3.03*	*0*	*59.2*	*32 - 130*			
Surr: 4-Terphenyl-d14	*2.012*	*0.100*	*3.03*	*0*	*66.4*	*40 - 135*			
Surr: Nitrobenzene-d5	*1.685*	*0.100*	*3.03*	*0*	*55.6*	*45 - 142*			

ALS Houston, US Date: 01-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C26017
WorkOrder: HS24031570

QC BATCH REPORT

Batch ID: 209617 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCSD Sample ID: **LCSD-209617** Units: **ug/L** Analysis Date: **29-Mar-2024 17:01**
Client ID: Run ID: **SV-6_462714** SeqNo: **7919040** PrepDate: **29-Mar-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.851	0.100	3.03	0	127	40 - 140	2.355	48.2	25	R
2-Methylnaphthalene	3.04	0.100	3.03	0	100	40 - 140	1.606	61.7	25	R
Acenaphthene	3.853	0.100	3.03	0	127	40 - 140	1.982	64.1	25	R
Acenaphthylene	3.772	0.100	3.03	0	124	40 - 140	2.35	46.5	25	R
Anthracene	3.834	0.100	3.03	0	127	40 - 140	2.288	50.5	25	R
Benz(a)anthracene	3.031	0.100	3.03	0	100	40 - 140	1.69	56.8	25	R
Benzo(a)pyrene	3.368	0.100	3.03	0	111	40 - 140	1.65	68.5	25	R
Benzo(b)fluoranthene	3.025	0.100	3.03	0	99.8	40 - 140	1.408	73	25	R
Benzo(g,h,i)perylene	3.395	0.100	3.03	0	112	40 - 140	1.952	54	25	R
Benzo(k)fluoranthene	3.811	0.100	3.03	0	126	40 - 140	1.723	75.4	25	R
Chrysene	3.813	0.100	3.03	0	126	40 - 140	2.245	51.8	25	R
Dibenz(a,h)anthracene	3.891	0.100	3.03	0	128	40 - 140	1.939	66.9	25	R
Fluoranthene	3.54	0.100	3.03	0	117	40 - 140	1.833	63.5	25	R
Fluorene	3.835	0.100	3.03	0	127	40 - 140	2.022	61.9	25	R
Indeno(1,2,3-cd)pyrene	3.769	0.100	3.03	0	124	40 - 140	1.777	71.8	25	R
Naphthalene	3.732	0.100	3.03	0	123	40 - 140	2.494	39.8	25	R
Phenanthrene	2.946	0.100	3.03	0	97.2	40 - 140	1.498	65.2	25	R
Pyrene	3.193	0.100	3.03	0	105	40 - 140	1.999	46	25	R
Surr: 2-Fluorobiphenyl	*2.018*	*0.100*	*3.03*	*0*	*66.6*	*32 - 130*	*1.795*	*11.7*	*25*	
Surr: 4-Terphenyl-d14	*1.818*	*0.100*	*3.03*	*0*	*60.0*	*40 - 135*	*2.012*	*10.1*	*25*	
Surr: Nitrobenzene-d5	*1.864*	*0.100*	*3.03*	*0*	*61.5*	*45 - 142*	*1.685*	*10.1*	*25*	

The following samples were analyzed in this batch: HS24031570-01

ALS Houston, US Date: 01-Apr-24

Client: Permian Basin Environmental Lab, LP
Project: 4C26017
WorkOrder: HS24031570

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 Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US Date: 01-Apr-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
California	2919; 2024	30-Apr-2024
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624 - 2024	31-Dec-2024
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2023-140	31-Aug-2024
Texas	T104704231-23-32	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

ALS Houston, US Date: 01-Apr-24

Sample Receipt Checklist

Work Order ID: HS24031570 **Date/Time Received:** 27-Mar-2024 09:30

Client Name: Permian Basin Lab **Received by:** Jacob Coronado

Completed By:	/S/ Kaycee Rogers	27-Mar-2024 12:43	**Reviewed by:**	/S/ Anna Kinchen	01-Apr-2024 12:34
	eSignature	Date/Time		eSignature	Date/Time

Matrices: W Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:RED
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.3UC/2.2		IR 31
Cooler(s)/Kit(s):	RED		
Date/Time sample(s) sent to storage:	03/27/2024 12:43		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

HS24031570

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental L
1400 Rankin HWY
Midland, Texas 79701

Permian Basin Environmental Lab, LP
4C26017

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 #:

Project Loc:

PO #:

Report Format: X Standard ☐ TRRP ☐ NPDES

ORDER #:

Lab # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Zinc Acetate 250ML Po	NONE 500 ML AMBER	NONE 500 POLY Lt. POLY	NONE 3 AMBER VOAA VIALS	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S = Soil/Solid NP=Non Potable Specify Other	Analyze For: 8270C PAH LL	48 HOUR RUSH	STANDARD
	4C26017			3/22/2024	13:02		3	X							X	W	X	X	

Relinquished by: Brent Barron	3/26/2024	5:00 PM	Received by:	Date	Time	Laboratory Comments:
Relinquished by:	Date 3/27/24	Time 900	Received by: JC Rec 2.9 IR31	Date	Time	Sample Containers Intact? Y N VOCs Free of Headspace? Y N Labels on container(s) Y N Custody seals on container(s) Y N Custody seals on cooler(s) Y N Sample Hand Delivered Y N by Sampler/Client Rep.? Y N by Courier? UPS DHL FedEx Lone Star Temperature Upon Receipt: Received: °C Adjusted: °C Factor
Relinquished by:	Date	Time	Received by: CF-2.1	Date	Time	

ORIGIN ID:MAFA
BRENT BARRON
PBE LAB
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US

(432) 686-7235

SHIP DATE: 26MAR24
ACTWGT: 7.00 LB
CAD: 107136846/INET4535
DIMS: 13X9X9 IN

BILL RECIPIENT

TO SAMPLE RECEIVING
ALS-HOUSTON
10450 STANCLIFF RD
HOUSTON TX 77099

(281) 530-5815

REF:

INV:

PO:

DEPT:

fedex express

TRK# 0201 7756 9725 5844

WED - 27 MAR 5:00P
STANDARD OVERNIGHT

77099
TX-US IAH

AB SGRA

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

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

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

PBELAB

Analytical Report

Prepared for:

David Adkins

Talon LPE

2901 S. State Hwy 349

Midland, TX 79706

Project: Moore to Jal #2 (MTJ2)

Project Number: SRS#2002-10273

Location: LEA COUNTY

Lab Order Number: 4F11004

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 06/19/24

Talon LPE	Project:	Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number:	SRS#2002-10273
Midland TX, 79706	Project Manager:	David Adkins

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-21A	4F11004-01	Water	06/06/24 11:30	06-11-2024 12:40
MW-3A	4F11004-02	Water	06/06/24 09:09	06-11-2024 12:40
MW-4A	4F11004-03	Water	06/06/24 10:21	06-11-2024 12:40

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-21A

4F11004-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 12:33	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 12:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 12:33	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 12:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 12:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P4F1208*	*06/12/24 08:47*	*06/12/24 12:33*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*80-120*		*P4F1208*	*06/12/24 08:47*	*06/12/24 12:33*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/12/24 08:47	06/12/24 12:33	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/12/24 08:47	06/12/24 12:33	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-3A

4F11004-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 12:56	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 12:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 12:56	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 12:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 12:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P4F1208*	*06/12/24 08:47*	*06/12/24 12:56*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.9 %*	*80-120*		*P4F1208*	*06/12/24 08:47*	*06/12/24 12:56*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/12/24 08:47	06/12/24 12:56	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/12/24 08:47	06/12/24 12:56	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-4A

4F11004-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 13:19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 13:19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 13:19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 13:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F1208	06/12/24 08:47	06/12/24 13:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P4F1208*	*06/12/24 08:47*	*06/12/24 13:19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.9 %*	*80-120*		*P4F1208*	*06/12/24 08:47*	*06/12/24 13:19*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	06/12/24 08:47	06/12/24 13:19	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	06/12/24 08:47	06/12/24 13:19	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4F1208 - * DEFAULT PREP *** **										
Blank (P4F1208-BLK1)				Prepared & Analyzed: 06/12/24						
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	*0.128*		"	*0.120*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		"	*0.120*		*93.5*	*80-120*			
LCS (P4F1208-BS1)				Prepared & Analyzed: 06/12/24						
Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.227	0.00200	"	0.200		113	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.126*		"	*0.120*		*105*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.129*		"	*0.120*		*108*	*80-120*			
LCS Dup (P4F1208-BSD1)				Prepared & Analyzed: 06/12/24						
Benzene	0.112	0.00100	mg/L	0.100		112	80-120	0.621	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	1.46	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	2.16	20	
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120	1.30	20	
Xylene (o)	0.101	0.00100	"	0.100		101	80-120	0.158	20	
Surrogate: 4-Bromofluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		"	*0.120*		*107*	*80-120*			
Calibration Blank (P4F1208-CCB1)				Prepared & Analyzed: 06/12/24						
Benzene	0.0800		ug/l							
Toluene	0.0900		"							
Ethylbenzene	0.0600		"							
Xylene (p/m)	0.220		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		"	*0.120*		*95.3*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4F1208 - * DEFAULT PREP *** **										
Calibration Blank (P4F1208-CCB2)				Prepared & Analyzed: 06/12/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.160		"							
Xylene (p/m)	0.210		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.9*	*80-120*			
Calibration Check (P4F1208-CCV1)				Prepared & Analyzed: 06/12/24						
Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		111	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
Calibration Check (P4F1208-CCV2)				Prepared & Analyzed: 06/12/24						
Benzene	0.118	0.00100	mg/L	0.100		118	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		119	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Calibration Check (P4F1208-CCV3)				Prepared & Analyzed: 06/12/24						
Benzene	0.115	0.00100	mg/L	0.100		115	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.130*		*"*	*0.120*		*108*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*106*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4F1208 - * DEFAULT PREP *** **										
Matrix Spike (P4F1208-MS1)	**Source: 4F06014-08**			Prepared & Analyzed: 06/12/24						
Benzene	0.129	0.00100	mg/L	0.100	0.00151	127	80-120			QM-05
Toluene	0.118	0.00100	"	0.100	ND	118	80-120			
Ethylbenzene	0.125	0.00100	"	0.100	ND	125	80-120			QM-05
Xylene (p/m)	0.248	0.00200	"	0.200	ND	124	80-120			QM-05
Xylene (o)	0.110	0.00100	"	0.100	ND	110	80-120			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
Matrix Spike Dup (P4F1208-MSD1)	**Source: 4F06014-08**			Prepared & Analyzed: 06/12/24						
Benzene	0.134	0.00100	mg/L	0.100	0.00151	133	80-120	4.07	20	QM-05
Toluene	0.123	0.00100	"	0.100	ND	123	80-120	4.08	20	QM-05
Ethylbenzene	0.130	0.00100	"	0.100	ND	130	80-120	3.99	20	QM-05
Xylene (p/m)	0.258	0.00200	"	0.200	ND	129	80-120	3.70	20	QM-05
Xylene (o)	0.116	0.00100	"	0.100	ND	116	80-120	5.11	20	
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*108*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

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
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: Brent Barron Date: 6/19/2024

Brent Barron, Laboratory Director/Technical Director

Talon LPE	Project:	Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number:	SRS#2002-10273
Midland TX, 79706	Project Manager:	David Adkins

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: David Adkins
Company Name: Talon LPE
Company Address: 408 Texas St.
City/State/Zip: Artesia, NM 88210
Telephone No: 575-441-4835 **Fax No:**
Sampler Signature: Bartlett Medley

Project Name: Moore to Jal #2 (MTJ2)
Project #: Plains All American Pipeline
Project Loc: Lea County, NM
PO #: SRS# 2002-10273
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: dadkins@talonlpe.com, mgomez@talonlpe.com

(lab use only)
ORDER #: 4F11004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: 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
1	MW-21A			6-6-24	11:30		3	3		3						GW			X		X
2	MW-3A			6-6-24	9:09		3	3		3						GW			X		X
3	MW-4A			6-6-24	10:21		3	3		3						GW			X		X

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

Relinquished by:	Date	Time	Received by:	Date	Time
Bartlett Medley	6-6-24	12:10	Daniela Gonzalez	06/06/24	12:10
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Tasha Bledsoe	6/11/24	11:55

Laboratory Comments:
Sample Containers Intact? (Y) N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered by Sampler/Client Rep. ? Y N
by Courier? (UPS) DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 4.9 °C Thermometer: NCF C3
Adjusted: °C Factor:

Proof of Delivery

4F11004

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number

1Z7923800342802210

Weight

34.00 LBS

Service

UPS Ground

Shipped / Billed On

06/07/2024

Delivered On

06/11/2024 11:55 A.M.

Delivered To

MIDLAND, TX, US
Received By

MCMURRAY

Please print for your records as photo and details are only available for a limited time.

Sincerely,

UPS

Tracking results provided by UPS: 06/11/2024 1:07 P.M. EST

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

PBELAB

Analytical Report

Prepared for:

David Adkins

Talon LPE

2901 S. State Hwy 349

Midland, TX 79706

Project: Moore to Jal #2 (MTJ2)

Project Number: SRS#2002-10273

Location: LEA COUNTY

Lab Order Number: 4I10023

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 09/12/24

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-21A	4I10023-01	Water	09/09/24 11:21	09-10-2024 15:28
MW-3A	4I10023-02	Water	09/09/24 09:44	09-10-2024 15:28
MW-4A	4I10023-03	Water	09/09/24 09:01	09-10-2024 15:28

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-21A

4I10023-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/24 13:36	09/11/24 21:05	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/24 13:36	09/11/24 21:05	EPA 8021B	
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:05	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*80-120*		*P4I1106*	*09/11/24 13:36*	*09/11/24 21:05*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*88.6 %*	*80-120*		*P4I1106*	*09/11/24 13:36*	*09/11/24 21:05*	*EPA 8021B*	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-3A

4I10023-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/24 13:36	09/11/24 21:27	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/24 13:36	09/11/24 21:27	EPA 8021B	
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:27	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*80-120*		*P4I1106*	*09/11/24 13:36*	*09/11/24 21:27*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.0 %*	*80-120*		*P4I1106*	*09/11/24 13:36*	*09/11/24 21:27*	*EPA 8021B*	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-4A

4I10023-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Total BTEX	ND	0.00100	mg/L	1	[CALC]	09/11/24 13:36	09/11/24 21:49	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	09/11/24 13:36	09/11/24 21:49	EPA 8021B	
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I1106	09/11/24 13:36	09/11/24 21:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.1 %*	*80-120*		*P4I1106*	*09/11/24 13:36*	*09/11/24 21:49*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.5 %*	*80-120*		*P4I1106*	*09/11/24 13:36*	*09/11/24 21:49*	*EPA 8021B*	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4I1106 - * DEFAULT PREP *** **										
Blank (P4I1106-BLK1)				Prepared & Analyzed: 09/11/24						
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*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.106*		*"*	*0.120*		*88.1*	*80-120*			
LCS (P4I1106-BS1)				Prepared & Analyzed: 09/11/24						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.235	0.00200	"	0.200		117	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*90.0*	*80-120*			
LCS Dup (P4I1106-BSD1)				Prepared & Analyzed: 09/11/24						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120	0.880	20	
Toluene	0.110	0.00100	"	0.100		110	80-120	1.01	20	
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120	3.41	20	
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120	1.47	20	
Xylene (o)	0.108	0.00100	"	0.100		108	80-120	1.38	20	
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		*"*	*0.120*		*91.4*	*80-120*			
Calibration Blank (P4I1106-CCB1)				Prepared & Analyzed: 09/11/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.105*		*"*	*0.120*		*87.3*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4I1106 - * DEFAULT PREP *** **										
Calibration Blank (P4I1106-CCB2)				Prepared & Analyzed: 09/11/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.106*		*"*	*0.120*		*88.7*	*80-120*			
Calibration Check (P4I1106-CCV1)				Prepared & Analyzed: 09/11/24						
Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		*"*	*0.120*		*91.3*	*80-120*			
Calibration Check (P4I1106-CCV2)				Prepared & Analyzed: 09/11/24						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.6*	*80-120*			
Calibration Check (P4I1106-CCV3)				Prepared: 09/11/24 Analyzed: 09/12/24						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.235	0.00200	"	0.200		117	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*93.9*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4I1106 - * DEFAULT PREP *** **										
Matrix Spike (P4I1106-MS1)	**Source: 4I09012-04**			Prepared: 09/11/24 Analyzed: 09/12/24						
Benzene	0.106	0.00100	mg/L	0.100	ND	106	80-120			
Toluene	0.109	0.00100	"	0.100	ND	109	80-120			
Ethylbenzene	0.120	0.00100	"	0.100	ND	120	80-120			
Xylene (p/m)	0.243	0.00200	"	0.200	ND	121	80-120			QM-05
Xylene (o)	0.107	0.00100	"	0.100	ND	107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.5*	*80-120*			
Matrix Spike Dup (P4I1106-MSD1)	**Source: 4I09012-04**			Prepared: 09/11/24 Analyzed: 09/12/24						
Benzene	0.103	0.00100	mg/L	0.100	ND	103	80-120	3.23	20	
Toluene	0.106	0.00100	"	0.100	ND	106	80-120	2.76	20	
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120	2.59	20	
Xylene (p/m)	0.237	0.00200	"	0.200	ND	118	80-120	2.55	20	
Xylene (o)	0.104	0.00100	"	0.100	ND	104	80-120	2.59	20	
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.2*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

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
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: Brent Barron Date: 9/12/2024

Brent Barron, Laboratory Director/Technical Director

Talon LPE	Project:	Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number:	SRS#2002-10273
Midland TX, 79706	Project Manager:	David Adkins

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: David Adkins
Company Name: Talon LPE
Company Address: 408 Texas St.
City/State/Zip: Artesia, NM 88210
Telephone No: 575-441-4835 **Fax No:**
Sampler Signature: Bartlett Madly

Project Name: Moore to Jal #2 (MTJ2)
Project #: Plains All American Pipeline
Project Loc: Lea County, NM
PO #: SRS# 2002-10273
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: dadkins@talonlpe.com, mgomez@talonlpe.com

(lab use only)
ORDER #: 4I10023

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Othe	Analyze For: 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
1	MW-21A			9-9-24	11:21		3	3		3						GW			X		X
2	MW-3A			9-9-24	9:44		3	3		3						GW			X		X
3	MW-4A			9-9-24	9:01		3	3		3						GW			X		X

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

Relinquished by:	Date	Time	Received by:	Date	Time
Bartlett Madly	9-10-24	11:57	Kayla Taylor	9-10-24	11:57
Relinquished by: Kayla Taylor	9/10/24	15:28	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Tasha Bledsoe	9/10/24	15:28

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 5.9 °C Thermometer: NCF
Adjusted: °C Factor: 1.3

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

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

PBELAB

Analytical Report

Prepared for:

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

Project: Moore to Jal #2 (MTJ2)
Project Number: SRS#2002-10273
Location: LEA COUNTY

Lab Order Number: 4L10015

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 12/13/24

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-14A	4L10015-01	Water	12/09/24 12:32	12-10-2024 15:17
MW-15A	4L10015-02	Water	12/09/24 11:57	12-10-2024 15:17
MW-7A	4L10015-03	Water	12/09/24 14:28	12-10-2024 15:17
MW-24	4L10015-04	Water	12/09/24 13:05	12-10-2024 15:17
MW-4A	4L10015-05	Water	12/09/24 13:54	12-10-2024 15:17
MW-3A	4L10015-06	Water	12/09/24 13:31	12-10-2024 15:17

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-14A

4L10015-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 21:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 21:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 21:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 21:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 21:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.2 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/11/24 21:36*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/11/24 21:36*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/11/24 21:36	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/11/24 21:36	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-15A

4L10015-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 22:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 22:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 22:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 22:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 22:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*77.8 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/11/24 22:42*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/11/24 22:42*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/11/24 22:42	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/11/24 22:42	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-7A

4L10015-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.0 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/11/24 23:04*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/11/24 23:04*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/11/24 23:04	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/11/24 23:04	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-24

4L10015-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:27	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.1 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/11/24 23:27*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/11/24 23:27*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/11/24 23:27	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/11/24 23:27	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-4A

4L10015-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:48	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:48	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:48	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/11/24 23:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.2 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/11/24 23:48*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/11/24 23:48*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/11/24 23:48	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/11/24 23:48	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-3A

4L10015-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/12/24 00:10	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/12/24 00:10	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/12/24 00:10	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1108	12/11/24 15:07	12/12/24 00:10	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1108	12/11/24 15:07	12/12/24 00:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*80.2 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/12/24 00:10*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4L1108*	*12/11/24 15:07*	*12/12/24 00:10*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/12/24 00:10	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/11/24 15:07	12/12/24 00:10	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4L1108 - * DEFAULT PREP *** **										
Blank (P4L1108-BLK1)				Prepared & Analyzed: 12/11/24						
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	*0.0970*		*"*	*0.120*		*80.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*80-120*			
LCS (P4L1108-BS1)				Prepared & Analyzed: 12/11/24						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120			
Xylene (o)	0.0998	0.00100	"	0.100		99.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.101*		*"*	*0.120*		*84.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			
LCS Dup (P4L1108-BSD1)				Prepared & Analyzed: 12/11/24						
Benzene	0.0955	0.00100	mg/L	0.100		95.5	80-120	8.82	20	
Toluene	0.0912	0.00100	"	0.100		91.2	80-120	9.27	20	
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120	9.55	20	
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120	8.69	20	
Xylene (o)	0.0912	0.00100	"	0.100		91.2	80-120	9.04	20	
Surrogate: 4-Bromofluorobenzene	*0.101*		*"*	*0.120*		*84.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*110*	*80-120*			
Calibration Blank (P4L1108-CCB1)				Prepared & Analyzed: 12/11/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.200		"							
Xylene (p/m)	0.230		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0962*		*"*	*0.120*		*80.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4L1108 - * DEFAULT PREP *** **										
Calibration Blank (P4L1108-CCB2)				Prepared & Analyzed: 12/11/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.180		"							
Xylene (p/m)	0.290		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0964*		*"*	*0.120*		*80.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.4*	*80-120*			
Calibration Check (P4L1108-CCV1)				Prepared & Analyzed: 12/11/24						
Benzene	0.100	0.00100	mg/L	0.100		100	80-120			
Toluene	0.0972	0.00100	"	0.100		97.2	80-120			
Ethylbenzene	0.0975	0.00100	"	0.100		97.5	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0963	0.00100	"	0.100		96.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0984*		*"*	*0.120*		*82.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*108*	*80-120*			
Calibration Check (P4L1108-CCV2)				Prepared & Analyzed: 12/11/24						
Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0978	0.00100	"	0.100		97.8	80-120			
Ethylbenzene	0.0972	0.00100	"	0.100		97.2	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.0978	0.00100	"	0.100		97.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0976*		*"*	*0.120*		*81.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.120*		*109*	*80-120*			
Calibration Check (P4L1108-CCV3)				Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.0998	0.00100	"	0.100		99.8	80-120			
Ethylbenzene	0.0992	0.00100	"	0.100		99.2	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.0989	0.00100	"	0.100		98.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0948*		*"*	*0.120*		*79.0*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4L1108 - * DEFAULT PREP *** **										
Matrix Spike (P4L1108-MS1)	**Source: 4L10013-01**			Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.105	0.00100	mg/L	0.100	ND	105	80-120			
Toluene	0.0996	0.00100	"	0.100	ND	99.6	80-120			
Ethylbenzene	0.111	0.00100	"	0.100	0.000880	110	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200	ND	110	80-120			
Xylene (o)	0.0977	0.00100	"	0.100	ND	97.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0975*		*"*	*0.120*		*81.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.120*		*110*	*80-120*			
Matrix Spike Dup (P4L1108-MSD1)	**Source: 4L10013-01**			Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.104	0.00100	mg/L	0.100	ND	104	80-120	0.985	20	
Toluene	0.0993	0.00100	"	0.100	ND	99.3	80-120	0.292	20	
Ethylbenzene	0.111	0.00100	"	0.100	0.000880	111	80-120	0.118	20	
Xylene (p/m)	0.220	0.00200	"	0.200	ND	110	80-120	0.123	20	
Xylene (o)	0.0971	0.00100	"	0.100	ND	97.1	80-120	0.575	20	
Surrogate: 4-Bromofluorobenzene	*0.0958*		*"*	*0.120*		*79.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*109*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
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: Brent Barron Date: 12/13/2024

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: David Adkins
Company Name: Talon LPE
Company Address: 408 Texas St.
City/State/Zip: Artesia, NM 88210
Telephone No: 575-441-4835
Fax No:
Sampler Signature: Bartlett Madley

Project Name: Moore to Jal #2 (MTJ2)
Project #: Plains All American Pipeline
Project Loc: Lea County, NM
PO #: SRS# 2002-10273
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: dadkins@talonlpe.com, mgomez@talonlpe.com

(lab use only)
ORDER #: 4L10015

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: TX 1006	Anions (Cl, SO4, Alkalinity)	TOTAL: BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
1	MW-14A			12-9-24	12:32		3	3		3						GW			X		X
2	MW-15A			12-9-24	11:57		3	3		3						GW			X		X
3	MW-7A			12-9-24	2:28		3	3		3						GW			X		X
4	MW-24			12-9-24	1:05		3	3		3						GW			X		X
5	MW-4A			12-9-24	1:54		3	3		3						GW			X		X
6	MW-3A			12-9-24	1:31		3	3		3						GW			X		X

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

Relinquished by:	Date	Time	Received by:	Date	Time
Bartlett Madley	12-9-24	2:45	Matthew Beasley	12/9/24	2:45
Matthew Beasley				12/10/24	2:30
			Received by PBEL:	12/10/24	15:17

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 4.5 °C Thermometer: NCF 03
Adjusted: °C Factor:

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

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

PBELAB

Analytical Report

Prepared for:

David Adkins

Talon LPE

2901 S. State Hwy 349

Midland, TX 79706

Project: Moore to Jal #2 (MTJ2)

Project Number: SRS#2002-10273

Location: LEA COUNTY

Lab Order Number: 4L11016

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 12/17/24

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-12A	4L11016-01	Water	12/10/24 14:22	12-11-2024 13:48
MW-11A	4L11016-02	Water	12/10/24 14:50	12-11-2024 13:48
MW-2A	4L11016-03	Water	12/10/24 11:06	12-11-2024 13:48
MW-5A	4L11016-04	Water	12/10/24 11:41	12-11-2024 13:48
MW-9A	4L11016-05	Water	12/10/24 12:52	12-11-2024 13:48
MW-1A	4L11016-06	Water	12/10/24 13:24	12-11-2024 13:48
MW-18A	4L11016-07	Water	12/10/24 10:30	12-11-2024 13:48
MW-19A	4L11016-08	Water	12/10/24 09:57	12-11-2024 13:48
MW-6A	4L11016-09	Water	12/10/24 13:54	12-11-2024 13:48
MW-21A	4L11016-10	Water	12/10/24 09:23	12-11-2024 13:48

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-12A

4L11016-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 00:41	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 00:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 00:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 00:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 00:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.0 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 00:41*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 00:41*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 00:41	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 00:41	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-11A

4L11016-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.6 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 01:04*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 01:04*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 01:04	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 01:04	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-2A

4L11016-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:26	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:26	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:26	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:26	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.5 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 01:26*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 01:26*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 01:26	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 01:26	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-5A

4L11016-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0119**	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:48	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:48	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:48	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 01:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.1 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 01:48*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 01:48*	*EPA 8021B*	
Total BTEX	**0.0119**	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 01:48	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 01:48	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-9A

4L11016-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.4 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 02:11*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 02:11*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 02:11	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 02:11	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-1A

4L11016-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0186**	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:33	EPA 8021B	
Toluene	**0.00122**	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:33	EPA 8021B	
Xylene (p/m)	**0.00256**	0.00200	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:33	EPA 8021B	
Xylene (o)	**0.00519**	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*73.9 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 02:33*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 02:33*	*EPA 8021B*	
Total BTEX	**0.0275**	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 02:33	EPA 8021B	
Xylenes (total)	**0.00775**	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 02:33	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-18A

4L11016-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:55	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:55	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:55	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:55	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/14/24 02:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*77.9 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 02:55*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/14/24 02:55*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 02:55	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/24 08:55	12/14/24 02:55	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-19A

4L11016-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 05:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 05:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 05:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 05:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 05:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.6 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 05:54*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 05:54*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/24 09:01	12/14/24 05:54	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/24 09:01	12/14/24 05:54	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-6A

4L11016-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00239**	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 06:16	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 06:16	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 06:16	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 06:16	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 06:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*77.9 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 06:16*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 06:16*	*EPA 8021B*	
Total BTEX	**0.00239**	0.00100	mg/L	1	[CALC]	12/13/24 09:01	12/14/24 06:16	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/24 09:01	12/14/24 06:16	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

MW-21A

4L11016-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 06:38	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 06:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 06:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 06:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 06:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.6 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 06:38*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 06:38*	*EPA 8021B*	
Total BTEX	ND	0.00100	mg/L	1	[CALC]	12/13/24 09:01	12/14/24 06:38	EPA 8021B	
Xylenes (total)	ND	0.00100	mg/L	1	[CALC]	12/13/24 09:01	12/14/24 06:38	EPA 8021B	

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4L1301 - * DEFAULT PREP *** **										
Blank (P4L1301-BLK1)				Prepared & Analyzed: 12/13/24						
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	*0.0934*		*"*	*0.120*		*77.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			
LCS (P4L1301-BS1)				Prepared & Analyzed: 12/13/24						
Benzene	0.0946	0.00100	mg/L	0.100		94.6	80-120			
Toluene	0.0919	0.00100	"	0.100		91.9	80-120			
Ethylbenzene	0.0998	0.00100	"	0.100		99.8	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.6	80-120			
Xylene (o)	0.0889	0.00100	"	0.100		88.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0987*		*"*	*0.120*		*82.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
LCS Dup (P4L1301-BSD1)				Prepared & Analyzed: 12/13/24						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120	6.27	20	
Toluene	0.0970	0.00100	"	0.100		97.0	80-120	5.44	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	5.74	20	
Xylene (p/m)	0.207	0.00200	"	0.200		103	80-120	4.64	20	
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120	5.34	20	
Surrogate: 4-Bromofluorobenzene	*0.0965*		*"*	*0.120*		*80.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			
Calibration Blank (P4L1301-CCB1)				Prepared & Analyzed: 12/13/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.210		"							
Xylene (p/m)	0.470		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0926*		*"*	*0.120*		*77.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4L1301 - * DEFAULT PREP *** **										
Calibration Blank (P4L1301-CCB2)				Prepared & Analyzed: 12/13/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.260		"							
Xylene (p/m)	0.340		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0924*		*"*	*0.120*		*77.0*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Calibration Check (P4L1301-CCV1)				Prepared & Analyzed: 12/13/24						
Benzene	0.0948	0.00100	mg/L	0.100		94.8	80-120			
Toluene	0.0916	0.00100	"	0.100		91.6	80-120			
Ethylbenzene	0.0901	0.00100	"	0.100		90.1	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		96.1	80-120			
Xylene (o)	0.0884	0.00100	"	0.100		88.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0970*		*"*	*0.120*		*80.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
Calibration Check (P4L1301-CCV2)				Prepared & Analyzed: 12/13/24						
Benzene	0.0964	0.00100	mg/L	0.100		96.4	80-120			
Toluene	0.0909	0.00100	"	0.100		90.9	80-120			
Ethylbenzene	0.0888	0.00100	"	0.100		88.8	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		95.8	80-120			
Xylene (o)	0.0884	0.00100	"	0.100		88.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0966*		*"*	*0.120*		*80.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
Calibration Check (P4L1301-CCV3)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.0941	0.00100	"	0.100		94.1	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0946	0.00100	"	0.100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0958*		*"*	*0.120*		*79.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4L1301 - * DEFAULT PREP *** **										
Matrix Spike (P4L1301-MS1)	**Source: 4L11008-13**			Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0947	0.00100	mg/L	0.100	ND	94.7	80-120			
Toluene	0.0891	0.00100	"	0.100	ND	89.1	80-120			
Ethylbenzene	0.0969	0.00100	"	0.100	ND	96.9	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200	ND	95.0	80-120			
Xylene (o)	0.0845	0.00100	"	0.100	ND	84.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0949*		*"*	*0.120*		*79.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*109*	*80-120*			
Matrix Spike Dup (P4L1301-MSD1)	**Source: 4L11008-13**			Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0885	0.00100	mg/L	0.100	ND	88.5	80-120	6.79	20	
Toluene	0.0823	0.00100	"	0.100	ND	82.3	80-120	7.87	20	
Ethylbenzene	0.0893	0.00100	"	0.100	ND	89.3	80-120	8.18	20	
Xylene (p/m)	0.177	0.00200	"	0.200	ND	88.6	80-120	6.98	20	
Xylene (o)	0.0782	0.00100	"	0.100	ND	78.2	80-120	7.82	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.0968*		*"*	*0.120*		*80.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.120*		*109*	*80-120*			
Batch P4L1302 - * DEFAULT PREP *** **										
Blank (P4L1302-BLK1)				Prepared: 12/13/24 Analyzed: 12/14/24						
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	*0.0915*		*"*	*0.120*		*76.3*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4L1302 - * DEFAULT PREP *** **										
LCS (P4L1302-BS1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0973	0.00100	"	0.100		97.3	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0940	0.00100	"	0.100		94.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0955*		*"*	*0.120*		*79.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.120*		*110*	*80-120*			
LCS Dup (P4L1302-BSD1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120	0.900	20	
Toluene	0.0978	0.00100	"	0.100		97.8	80-120	0.523	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	0.927	20	
Xylene (p/m)	0.209	0.00200	"	0.200		105	80-120	1.35	20	
Xylene (o)	0.0950	0.00100	"	0.100		95.0	80-120	1.04	20	
Surrogate: 4-Bromofluorobenzene	*0.0972*		*"*	*0.120*		*81.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			
Calibration Blank (P4L1302-CCB1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.150		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.490		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0925*		*"*	*0.120*		*77.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Calibration Blank (P4L1302-CCB2)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.280		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0921*		*"*	*0.120*		*76.7*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4L1302 - * DEFAULT PREP *** **										
Calibration Blank (P4L1302-CCB3)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.150		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.490		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0925*		*"*	*0.120*		*77.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Calibration Check (P4L1302-CCV1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.0941	0.00100	"	0.100		94.1	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0946	0.00100	"	0.100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0958*		*"*	*0.120*		*79.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
Calibration Check (P4L1302-CCV2)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0983	0.00100	mg/L	0.100		98.3	80-120			
Toluene	0.0934	0.00100	"	0.100		93.4	80-120			
Ethylbenzene	0.0913	0.00100	"	0.100		91.3	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.7	80-120			
Xylene (o)	0.0921	0.00100	"	0.100		92.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0966*		*"*	*0.120*		*80.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
Calibration Check (P4L1302-CCV3)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0928*		*"*	*0.120*		*77.3*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*108*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	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
Batch P4L1302 - * DEFAULT PREP *** **										
Matrix Spike (P4L1302-MS1)	**Source: 4L11016-08**			Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0951	0.00100	mg/L	0.100	ND	95.1	80-120			
Toluene	0.0870	0.00100	"	0.100	ND	87.0	80-120			
Ethylbenzene	0.0956	0.00100	"	0.100	ND	95.6	80-120			
Xylene (p/m)	0.187	0.00200	"	0.200	ND	93.3	80-120			
Xylene (o)	0.0840	0.00100	"	0.100	ND	84.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0957*		*"*	*0.120*		*79.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
Matrix Spike Dup (P4L1302-MSD1)	**Source: 4L11016-08**			Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0911	0.00100	mg/L	0.100	ND	91.1	80-120	4.31	20	
Toluene	0.0848	0.00100	"	0.100	ND	84.8	80-120	2.60	20	
Ethylbenzene	0.0930	0.00100	"	0.100	ND	93.0	80-120	2.82	20	
Xylene (p/m)	0.181	0.00200	"	0.200	ND	90.7	80-120	2.82	20	
Xylene (o)	0.0813	0.00100	"	0.100	ND	81.3	80-120	3.30	20	
Surrogate: 4-Bromofluorobenzene	*0.0943*		*"*	*0.120*		*78.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.120*		*109*	*80-120*			

Talon LPE	Project: Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number: SRS#2002-10273
Midland TX, 79706	Project Manager: David Adkins

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
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
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: Brent Barron Date: 12/17/2024

Brent Barron, Laboratory Director/Technical Director

Talon LPE	Project:	Moore to Jal #2 (MTJ2)
2901 S. State Hwy 349	Project Number:	SRS#2002-10273
Midland TX, 79706	Project Manager:	David Adkins

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: David Adkins
Company Name: Talon LPE
Company Address: 408 Texas St.
City/State/Zip: Artesia, NM 88210
Telephone No: 575-441-4835
Fax No:
Sampler Signature: Bartlett Medley

Project Name: Moore to Jal #2 (MTJ2)
Project #: Plains All American Pipeline
Project Loc: Lea County, NM
PO #: SRS# 2002-10273
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: dadkins@talonlpe.com, mgomez@talonlpe.com

(lab use only)
ORDER #: 4L11016

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: 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
1	MW-12A			12-10-24	2:22		3	3		3						GW			X		X
2	MW-11A			12-10-24	2:50		3	3		3						GW			X		X
3	MW-2A			12-10-24	11:06		3	3		3						GW			X		X
4	MW-5A			12-10-24	11:41		3	3		3						GW			X		X
5	MW-9A			12-10-24	12:52		3	3		3						GW			X		X
6	MW-1A			12-10-24	1:24		3	3		3						GW			X		X
7	MW-18A			12-10-24	10:30		3	3		3						GW			X		X
8	MW-19A			12-10-24	9:57		3	3		3						GW			X		X
9	MW-6A			12-10-24	1:54		3	3		3						GW			X		X
10	MW-21A			12-10-24	9:23		3	3		3						GW			X		X

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

	Date	Time		Date	Time
Relinquished by:			Received by:	12/11/24	13:00
Relinquished by:	12/11/24	13:48	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Jessica Bledsoe	12/11/24	13:48

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 2.8 °C Thermometer: NC 03
Adjusted: °C Factor:

APPENDIX D

New Mexico Well Record and Logs and New Mexico Plugging Reports

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-1A
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: David Adkins
LATITUDE: 32.832462

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Mud Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ___ Slot Size ___
CASING: Diam. ___ Length ___ Type ___
DATE DRILLED: September 24, 2024
LONGITUDE: -103.252331

PAGE 1 of 1

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0								Pink/Tan Sand Mix with Caliche, No Odor.	
25								Pink/Tan Sand Mix with Caliche, No Odor.	
50								Pink/Tan Sand Mix with Caliche, No Odor.	
75								Pink/Tan Sand Mix with Caliche, No Odor.	
								Pink/Tan Sand Mix with Caliche, No Odor.	
100								Pink/Tan Sand Mix with Caliche, No Odor.	
125								Pink/Tan Sand Mix with Caliche, No Odor.	
							130'	Pink/Tan Sand Mix with Caliche, No Odor. Bottom of Hole	
150									

REMARKS:

THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.

TALON

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-2A
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: Kayla Taylor
LATITUDE: 32.832682

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Mud Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ___ Slot Size ___
CASING: Diam. ___ Length ___ Type ___
DATE DRILLED: September 19, 2024
LONGITUDE: -103.252450

PAGE 1 of 1

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0								White Caliche Nodules, Dry, Slight TPH Odor.	
								Pink/Tan, Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor.	
25									
50								Pink/Tan, Silty Sand, 40% Silt, 60% Fine Grained Sand, No Odor.	
								Pink/Tan, Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor.	
75									
								Same as Above with Skim of Product In Drilling Mud/Water.	
								Pink Fine Sand with Caliche, No Odor.	
100									
125									
							130'	Bottom of Hole	
150									

REMARKS:

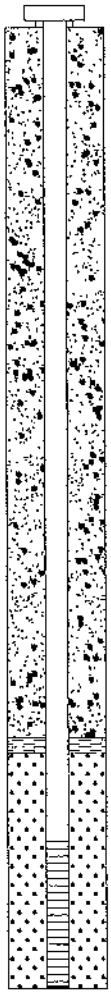
THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.

TALON LPE

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-5A
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: David Adkins
LATITUDE: 32.832463

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Mud Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ___ Slot Size ___
CASING: Diam. ___ Length ___ Type ___
DATE DRILLED: September 24, 2024
LONGITUDE: -103.252331

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0								Light Brown Sand and Caliche, No Odor.	
25								Light Brown Sand and Caliche, No Odor.	
								Light Brown Silty Sand with Caliche, No Odor.	
50								Light Brown Silty Sand with Caliche and Limestone, No Odor.	
75								Light Brown Sand with Caliche, No Odor.	
100								Light Brown Sand with Caliche, No Odor.	
125								Light Brown Sand with Caliche, No Odor.	
150							130'	Light Brown Sand with Caliche, No Odor. Bottom of Hole	

REMARKS:

THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.

TALON LPE

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-6A
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: David Adkins
LATITUDE: 32.8322331

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Mud Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ___ Slot Size ___
CASING: Diam. ___ Length ___ Type ___
DATE DRILLED: September 24, 2024
LONGITUDE: -103.252453

PAGE 1 of 1

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0									
								Light Brown Silty Sand with Caliche, No Odor.	
25									
								Light Brown Silty Sand with Caliche, No Odor.	
								Light Brown Silty Sand with Caliche, No Odor.	
50									
								Light Brown Sand with Caliche, No Odor.	
75									
								Light Brown Sand with Caliche, No Odor.	
								Light Brown Sand with Caliche, No Odor.	
100									
								Light Brown Sand with Caliche, No Odor.	
								Light Brown Sand with Caliche, No Odor.	
125									
							130'	Light Brown Sand with Caliche, No Odor. Bottom of Hole	
150									

REMARKS:

THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.

TALON LPE

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-7A
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: Kayla Taylor
LATITUDE: 32.832333

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Mud Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ___ Slot Size ___
CASING: Diam. ___ Length ___ Type ___
DATE DRILLED: September 19, 2024
LONGITUDE: -103.252203

PAGE 1 of 1

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0								White Caliche Nodules, Dry, Slight TPH Odor.	
								Pink/Tan, Silty Sand, 40% Silt, 60% Fine Grained Sand, No Odor.	
25									
50								Pink/Tan, Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor.	
75									
100								Same as Above but Skim of Product In Drilling Mud/Water.	
								Pink/Tan, Salty Sand, 25% Silt, 75% Fine Grained Sand.	
125									
							130'	Bottom of Hole	
150									

REMARKS:

THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.

TALON

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-9A
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: Kayla Taylor
LATITUDE: 32.832333

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Mud Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ___ Slot Size ___
CASING: Diam. ___ Length ___ Type ___
DATE DRILLED: September 19, 2024
LONGITUDE: -103.252203

PAGE 1 of 1

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0								White/Grey Sandy Caliche, 75% Caliche Nodules, 25% Silty Sand, Dry, Slight Odor.	
								Pink/Tan Silty Sand with Caliche Nodules; 60% Fine Grained Sand, 30% Silt, 10% Caliche.	
25								Pink/Tan, Silty Sand, 40% Silt, 60% Fine Grained Sand, No Odor.	
50								Pink/Tan, Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor.	
								Pink/Tan, Salty Sand with Gravel, 25% Silt, 70% Sand, 5% Subrounded Gravel, No Odor.	
75								Pink/Tan Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor.	
100								Same as Above but Skim of Product in Drilling Mud/Water.	
								Pink/Tan Silty Sand, 25% Silt, 75% Fine Grained Sand.	
125									
150							130'	Bottom of Hole	

REMARKS:

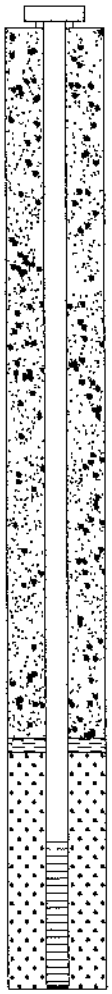
THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.

TALON

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-11A
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: Kayla Taylor
LATITUDE: 32.832503

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Mud Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ___ Slot Size ___
CASING: Diam. ___ Length ___ Type ___
DATE DRILLED: September 19, 2024
LONGITUDE: -103.252691

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0								Grey/Tan Silty Sand with Caliche Nodules, 30% Silt, 10% Caliche Nodules, 60% Fine Grained Sand.	
25								Pink/Tan Silty Sand, 40% Silt, 60% Fine Grained Sand, No Odor.	
50								Pink/Tan, Silty Sand, 30% Silt, 70% Fine Grained Sand, No Odor.	
								Pink/Tan, Silty Sand, 40% Silt, 60% Fine Grained Sand, No Odor.	
75								Pink/Tan Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor.	
100								Same as Above but Skim of Product in Drilling Mud/Water.	
								Pink/Tan Silty Sand, 25% Silt, 75% Fine Grained Sand.	
125									
							130'	Pink/Tan, Salty Sand, 40% Silt, 60% Fine-to-Medium Grained Sand, No Odor. Bottom of Hole	
150									

REMARKS:

THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.

TALON LPE

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-12A
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: David Adkins
LATITUDE: 32.83224

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Mud Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ___ Slot Size ___
CASING: Diam. ___ Length ___ Type ___
DATE DRILLED: September 24, 2024
LONGITUDE: -103.252590

PAGE 1 of 1

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0									
25								7.5YR 6/4 Light Brown, Slightly Fine Sand, No Odor.	
50								7.5YR 6/4 Light Brown, Slightly Fine Sand, No Odor.	
75								7.5YR 6/4 Light Brown, Slightly Fine Sand, No Odor.	
100								7.5YR 6/4 Light Brown, Slightly Fine Sand, No Odor.	
125								7.5YR 6/4 Light Brown, Silty Sand with Caliche, No Odor.	
150							130'	7.5YR 6/4 Light Brown Limestone, Sand and Caliche, No Odor.	
								7.5YR 6/4 Light Brown, Silty Sand with Clay, No Odor. Bottom of Hole	

REMARKS:

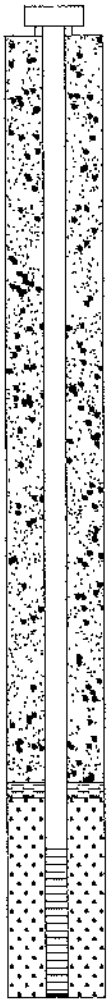
THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.

TALON LPE

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-14A
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: David Adkins
LATITUDE: 32.831979

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Air Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ___ Slot Size ___
CASING: Diam. ___ Length ___ Type ___
DATE DRILLED: September 19, 2024
LONGITUDE: -103.252168

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0								85% Sand, 15% Caliche, 7.5YR 8/2 Pinkish White, Sand with Caliche, Dry, No Odor	
								85% Sand, 15% Caliche, 7.5YR 17/3 Pink, Sand with Caliche, Dry, No Odor	
25								90% Sand, 10% Silt, 7.5YR 7/3 Pink Silty Sand, No Odor, Dry	
								90% Sand, 10% Silt, 7.5YR 7/3 Pink Silty Sand, No Odor, Dry	
								90% Sand, 10% Silt, 5YR 6/3 Light Reddish Brown, No Odor, Dry	
50								80% Sand, 10% Claiche, 10% Silt, 7.5YR 7/3 Pink, Silty Sand with Caliche, No Odor, Dry	
								80% Sand, 10% Claiche, 10% Silt, 5YR 7/3 Pink, Silty Sand with Caliche, No Odor, Dry	
75								100% Sand, 5YR 7/3 Pink, Fine Grain Sand, No Odor, Dry	
								100% Sand, 5YR 7/4 Pink, Dry, Fine Grain Sand, No Odor, Dry	
								100% Sand, 5YR 7/4 Pink, Fine Grain Sand, No Odor, Dry	
100								100% Sand, 7.5YR 6/4, Light Brown, Well Graded Sand, No Odor, Damp	
								85% Sand, 15% Caliche, 7.5YR 5/4 Brown, Sand with Caliche, No Odor, Moist	
125								10% Caliche, 90% Sand, 7.5YR 5/4 Brown, Sand with Caliche, Moist, No Odor	
							130'	10% Caliche, 90% Sand, 7.5YR 5/4 Brown Sand with Caliche, Moist, No Odor Bottom of Hole	
150									

REMARKS:

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

TALON LPE

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-15A
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: David Adkins
LATITUDE: 32.831843

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Air Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ___ Slot Size ___
CASING: Diam. ___ Length ___ Type ___
DATE DRILLED: September 19, 2024
LONGITUDE: -103.251647

PAGE 1 of 1

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0									
								10% Caliche, 20% Limestone, 70% Sand, 7.5YR 7/4 Pink, Silty Sand with Variance of Limestone and Caliche, No Odor, Dry	
								10% Caliche, 20% Limestone, 70% Sand, 7. 5YR 7/4 Pink, Silty Sand with Variance of Limestone and Caliche, No Odor, Dry	
25								10% Caliche, 20% Limestone, 70% Sand, 5YR 7/2 Pink, Silty Sand with Variance of Limestone and Caliche, No Odor, Dry	
								100% Fine Sand, 5YR 7/3 Pink Fine Sand, No Odor, Dry	
								100% Fine Sand, 5YR 7/3 Pink Fine Sand, No Odor, Dry	
50								100% Fine Sand, 5YR 7/3 Pink Fine Sand, No Odor, Dry	
								10% Caliche, 90% Sand, 5YR 7/3 Pink Sand with Caliche, No Odor, Dry	
75								10% Silt, 10% Caliche, 80% Sand, 5YR 7/3 Pink, Silty Sand with Caliche, No Odor, Dry	
								10% Silt, 10% Caliche, 80% Sand, 5YR 7/3 Pink, Silty Sand with Caliche, No Odor, Dry	
								10% Silt, 10% Caliche, 80% Sand, 5YR 7/3 Pink, Silty Sand with Caliche, No Odor, Dry	
100								10% Silt, 10% Caliche, 80% Sand, 5YR 7/3 Pink, Silty Sand with Caliche, No Odor, Dry	
								15% Caliche, 85% Sand, 7.5YR 5/4 Brown, Sand with Caliche, Moist, No Odor	
							120'		
125	SP							15% Caliche, 85% Sand, 7.5YR 5/3 Brown Sand with Caliche, Wet, No Odor	
	SP						130'	15% Caliche, 85% Sand, 7.5YR 5/3 Brown Sand with Caliche, Wet, No Odor Bottom of Hole	
150									

REMARKS:

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

TALON

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-18A
TOTAL DEPTH: 125'
SURFACE ELEVATION:
GEOLOGIST: David Adkins
LATITUDE: 32.832439

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Mud Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. ___ Length ___ Slot Size ___
CASING: Diam. ___ Length ___ Type ___
DATE DRILLED: September 18, 2024
LONGITUDE: -103.251970

PAGE 1 of 1

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0								Gray Sand with Caliche, No Odor.	
25								Pink Silty Sand with Caliche, No Odor.	
50								Pink Silty Sand with Caliche, No Odor.	
								Pink Fine Sand, No Odor.	
75								Pink Fine Sand, No Odor.	
								Pink Fine Sand with Caliche, No Odor.	
100								Pink Fine Sand with Caliche, No Odor.	
								Pink Fine Sand with Caliche, No Odor.	
125							130'	Bottom of Hole	
150									

REMARKS:

THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.

TALON LPE

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-19A
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: David Adkins
LATITUDE: 32.832277

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Mud Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. 2" Length 20' Slot Size .010
CASING: Diam. 6" Length 128 Type PVC
DATE DRILLED: September 18, 2024
LONGITUDE: -103.251849

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							5'		
	SP							Grey Sand with Caliche, No Odor	
25	SP							Pink Silty Sand, with Caliche, No Odor	
	SP							Pink Silty Sand, with Caliche, No Odor	
50	SP							Pink Fine Sand, No Odor	
	SP							Pink Fine Sand, No Odor	
75	SP							Pink Fine Sand with Caliche, No Odor	
	SP							Pink Fine Sand with Caliche, No Odor	
100							130'	Bottom of Hole	
125									
150									

REMARKS:

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

TALON LPE

SOIL BORING / MONITORING WELL LOG

PROJECT: Moore to Jal No 2
PROJECT NUMBER: 700376.045.08
CLIENT: Plains
BORING / WELL NUMBER: MW-24
TOTAL DEPTH: 130'
SURFACE ELEVATION:
GEOLOGIST: David Adkins
LATITUDE: 32.832118

DRILLING COMPANY: Talon/LPE
DRILLER: Jose Salas
DRILLING METHOD: Mud Rotary, 6"
BORE HOLE DIAMETER: 6"
SCREEN: Diam. 2" Length 20' Slot Size .010
CASING: Diam. 6" Length 128 Type PVC
DATE DRILLED: September 18, 2024
LONGITUDE: -103.251996

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0							5'		
	SP							Light Tan Sand with Caliche, No Odor	
	SP							Light Tan Sand with Caliche, No Odor	
25	SP							Light Tan Sand with Caliche, No Odor	
	SP							Light Tan Sand with Caliche, No Odor	
	SP							Light Tan Sand with Caliche, No Odor	
50	SP							Light Tan Sand with Caliche, No Odor	
	SP							Light Tan Sand with Caliche, No Odor	
75	SP							Light Tan Sand with Caliche, No Odor	
	SP							Light Tan Sand with Caliche, No Odor	
	SP							Silty Sand with Caliche, No Odor	
100	SP							Silty Sand with Caliche, No Odor	
	SP							Silty Sand with Callche, No Odor	
125									
							130'	Bottom of Hole	
150									

REMARKS:

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

TALON LPE

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1 (MW-1A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	56.8626	N
	LONGITUDE	-103	15	8.391	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE
Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/24/2024	09/24/2024	125	130	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)
STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A
DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:
CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
+5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	130	130	Pink/Tan Sand Mix w/ Caliche, No Odor	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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 A 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 A Meyer — 10/23/2024

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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD2 (MW-2A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	57.6546	N
	LONGITUDE	-103	15	8.8194	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/20/2024	09/20/2024	125	130	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
-5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	10	10	White Caliche Nodules, Dry, Slight TPH Odor	Y ✓ N	
10	50	40	Pink/Tan, Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor	Y ✓ N	
50	60	10	Same as above, 40% Silt, 60% Fine Grained Sand	Y ✓ N	
60	80	20	Same as above, 25% Silt, 75% Fine Grained Sand	Y ✓ N	
80	90	10	Same as above, Skim of Product in Drilling Mud/Water	Y ✓ N	
90	130	40	Pink fine Sand W/ Caliche, No Odor	Y ✓ N	
				Y N	
				Y N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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.

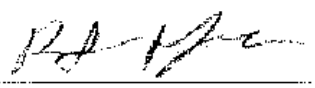
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A 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 A Meyer — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

10/23/2024 — 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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO	OSE FILE NO(S).
POD3 (MW-5A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	56.8662	N
	LONGITUDE	-103	15	8.391	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/24/2024	09/24/2024	125	130	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
15	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	30	30	Light Brown Sand W/ Caliche, No Odor	Y ✓ N	
30	50	20	Light Brown Silty Sand W/ Caliche, No Odor	Y ✓ N	
50	70	20	Light Brown Silty Sand W/ Caliche and Limestone, No Odor	Y ✓ N	
70	130	60	Light Brown Sand W/ Caliche, No Odor	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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 A 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 A Meyer — 10/23/2024

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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO	OSE FILE NO(S).
POD4 (MW-6A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	56.0388	N
	LONGITUDE	-103	15	8.8308	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/24/2024	09/24/2024	125	130	107

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
-5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	60	60	Light Brown Silty Sand W/ Caliche, No Odor	Y ✓ N	
60	100	40	Light Brown Sand W/ Caliche, No Odor	Y ✓ N	
100	130	30	Light Brown Sand W/ Caliche, No Odor	✓ Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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.

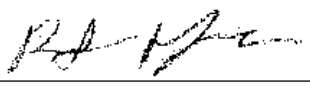
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A 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 A Meyer — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

10/23/2024 — 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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD5 (MW-7A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	56.0388	N
	LONGITUDE	-103	15	7.9302	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/20/2024	09/20/2024	125	130	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
+5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	10	10	White Caliche Modules, Dry, Slight TPH Odor	Y ✓ N	
10	50	40	Pink/Tan, Silty Sand, 40% Silt, 60% Fine Grained Sand, No Odor	Y ✓ N	
50	90	40	Pink/Tan, Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor	Y ✓ N	
90	100	10	Same as above, Skim of Product in Drilling Mud/Water	Y ✓ N	
100	130	30	Pink/Tan, Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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 A 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 A Meyer — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

10/23/2024 — 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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S)
POD6 (MW-9A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	56.0388	N
	LONGITUDE	-103	15	7.9302	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/20/2024	09/20/2024	125	130	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
+5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	10	10	White/Grey Sandy Caliche, 75% Caliche, 25% Silty Sand, Dry, Slight Odor	Y ✓ N	
10	20	10	Pink/Tan Silty Sand w/Caliche, 60% Fine Grain Sand, 30% Silt, 10% Caliche	Y ✓ N	
20	40	20	Pink/Tan Silty Sand, 40% Silt, 60% Fine Grained Sand, No Odor	Y ✓ N	
40	50	10	Pink/Tan Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor	Y ✓ N	
50	60	10	Pink/Tan Silty Sand w/Gravel, 25% Silt, 75% Fine Grain Sand, 5% Grav No Odo	Y ✓ N	
60	90	30	Pink/Tan Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor	Y ✓ N	
90	100	10	Same as above, Skim of Product in Drilling Mud/Water	Y ✓ N	
100	130	30	Pink/Tan Silty Sand, 25% Silt, 75% Fine Grained Sand, No Odor	Y ✓ N	
				Y N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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 A 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 A Meyer — 10/23/2024

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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO	OSE FILE NO(S).
POD7 (MW-11A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	57.0108	N
	LONGITUDE	-103	15	9.687	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/20/2024	09/20/2024	125	130	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
+5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	20	20	Grey/Tan Silty Sand w/Caliche, 30% Silt, 10% Caliche, 60% Fine Grained Sand	Y ✓ N	
20	40	20	Pink/Tan Silty Sand, 40% Silt, 60% Fine Grain Sand, No Odor	Y ✓ N	
40	50	10	Pink/Tan Silty Sand, 30% Silt, 70% Fine Grained Sand, No Odor	Y ✓ N	
50	60	10	Pink/Tan Silty Sand, 40% Silt, 60% Fine Grain Sand, No Odor	Y ✓ N	
60	90	30	Pink/Tan Silty Sand, 25% Silt, 75% Fine Grain Sand, No Odor	Y ✓ N	
90	100	10	Same as above, Skim of Product in Drilling Mud/Water	Y ✓ N	
100	110	10	Pink/Tan Silty Sand, 25% Silt, 75% Fine Grain Sand, No Odor	Y ✓ N	
110	130	30	Pink/Tan Silty Sand, 40% Silt, 60% Fine-Medium Grained Sand, No Odor	Y ✓ N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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.

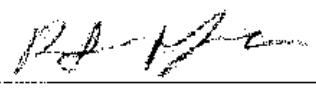
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A 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 A Meyer — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

10/23/2024 — 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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S)
POD8 (MW-12A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	56.0634	N
	LONGITUDE	-103	15	9.3234	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/24/2024	09/24/2024	125	130	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
+5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	40	40	SM: 7.5YR 6/4 Light Brown, Slightly Fine Sand, No Odor	Y ✓ N	
40	90	50	SP: 7.5YR 6/4 Light Brown, Slightly Fine Sand, No Odor	Y ✓ N	
90	100	10	SP: 7.5YR 6/4 Light Brown, Silty Sand w/Caliche, No Odor	Y ✓ N	
100	120	20	SP: 7.5YR 6/4 Light Brown, Sand w/Limestone and Caliche, No Odor	Y ✓ N	
120	130	10	SM: 7.5YR 6/4 Light Brown, Silty Sand and Clay, No Odor	Y ✓ N	
				Y N	
				Y N	
				Y N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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 A 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 A Meyer — 10/23/2024

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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD9 (MW-14A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	55.1238	N
	LONGITUDE	-103	15	7.8042	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/19/2024	09/19/2024	125	130	100

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
+5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	TO	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)
0	10	10	85% Sand, 15% Caliche, 7.5YR 8/2 Pinkish White, Sand w/Caliche, Dry, No Od	Y ✓ N	
10	20	10	85% Sand, 15% Caliche, 7.5YR 17/3 Pink, Sand w/Caliche, Dry, No Odor	Y ✓ N	
20	40	20	90% Sand, 10% Silt, 7.5YR 7/3 Pink Silty Sand, No Odor, Dry	Y ✓ N	
40	50	10	90% Sand, 10% Silt, 5YR 6/3 Light Reddish Brown, No Odor, Dry	Y ✓ N	
50	60	10	80% Sand, 10% Claiche, 10% Silt, 7.5YR 7/3 Pink, Silty Sand w/Caliche, No Oc	Y ✓ N	
60	70	10	80% Sand, 10% Claiche, 10% Silt, 5YR 7/3 Pink, Silty Sand w/Caliche, No Odo	Y ✓ N	
70	80	10	100% Sand, 5YR 7/3 Pink, Fine Grain Sand, No Odor, Dry	Y ✓ N	
80	100	20	100% Sand, 5YR 7/4 Pink, Fine Grain Sand, No Odor, Dry	Y ✓ N	
100	110	10	100% Sand, 7.5YR 6/4, Light Brown, Well Graded Sand, No Odor, Damp	✓ Y N	
110	120	10	85% Sand, 15% Caliche, 7.5YR 5/4 Brown, Sand w/Caliche, Moist, No Odor	✓ Y N	
120	130	10	10% Caliche, 90% Sand, 7.5YR 5/4 Brown, Sand w/Caliche, Moist, No Odor	✓ 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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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 A 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 A Meyer — 10/23/2024

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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD10 (MW-15A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	54.6342	N
	LONGITUDE	-103	15	5.9292	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE
Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/19/2024	09/19/2024	125	130	110

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)
STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A
DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
+5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	20	20	10% Caliche, 20% Limestone, 70% Sand, 7.5YR 7/4 Pink, Sand w/Limestone and Caliche, No Odor, Dry	Y ✓ N	
20	30	10	10% Caliche, 20% Limestone, 70% Sand, 5YR 7/2 Pink, Sand w/Limestone and Caliche, No Odor, Dry	Y ✓ N	
30	60	30	100% Fine Sand, 5YR 7/3 Pink Fine Sand, No Odor, Dry	Y ✓ N	
60	70	10	10% Caliche, 90% Sand, 5YR 7/3 Pink Sand w/Caliche, No Odor, Dry	Y ✓ N	
70	110	40	10% Silt, 10% Caliche, 80% Sand, 5YR 7/3 Pink, Silty Sand w/Caliche, No Odor, Dry	Y ✓ N	
110	120	10	15% Caliche, 85% Sand, 7.5YR 5/4 Brown, Sand w/Caliche, Moist, No Odor	✓ Y N	
120	130	10	15% Caliche, 85% Sand, 7.5YR 5/3 Brown Sand w/Caliche, Wet, No Odor	✓ Y N	
				Y N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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 A 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 A Meyer — 10/23/2024

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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD11 (MW-18A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	56.7804	N
	LONGITUDE	-103	15	7.092	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Sec16, T17S. R37E

2. DRILLING & CASING INFORMATION

LICENSE NO	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/19/2024	09/19/2024	125	130	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
+5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	20	20	Grey Sand w/Caliche, No Odor	Y ✓ N	
20	50	30	Pink Silty Sand w/Caliche, No Odor	Y ✓ N	
50	80	30	Pink Fine Sand, No Odor	Y ✓ N	
80	130	50	Pink Silty Sand w/Caliche, No Odor	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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 A 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 A Meyer — 10/23/2024

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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD12 (MW-19A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	56.1966	N
	LONGITUDE	-103	15	6.6564	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE
Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/19/2024	09/19/2024	125	130	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
+5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	20	20	SP: Gray Sand w/Caliche, No odor	Y ✓ N	
20	50	30	SP: Pink Silty Sand w/Caliche, No odor	Y ✓ N	
50	80	30	SP: Pink Fine Sand, No odor	Y ✓ N	
80	100	20	SP: Pink Fine Sand w/Caliche	Y ✓ N	
100	110	10	SP: Pink Fine Sand, No odor	✓ Y N	
110	130	20	SP: Pink Fine Sand w/Caliche	✓ Y N	
				Y N	
				Y N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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 A 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 A Meyer — 10/23/2024

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

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD13 (MW-24A)		L-15769

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American Pipeline, L.P.	(575) 200-5517

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1106 Griffith Dr.	Midland	Texas	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	49	55.6248	N
	LONGITUDE	-103	15	7.1856	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE
Sec16, T17S, R37E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1868	Robert A Meyer	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
09/19/2024	09/19/2024	125	130	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: N/A

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
+5	105	6.275	Sch 40 PVC	Riser	2	0.25	-
105	125	6.275	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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
0	2	6.275	Concrete Pad 2.5'x2.5'	0.37	Tremie
2	101	6.275	I/II Portland Cement	18.53	Tremie
101	103	6.275	Bentonite Seal	0.37	Tremie
103	130	6.275	20/40 Silica Sand	5.18	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) FROM	DEPTH (feet bgl) TO	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)
0	90	90	SP: Light Tan Sand w/Caliche, No odor	Y ✓ N	
90	130	40	SP: Silty Sands w/Caliche, No odor	✓ Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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.

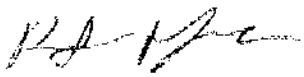
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A 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 A Meyer — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

10/23/2024 — 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

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: POD5 (MW-1)_L-13403

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 56.9712 sec
Longitude: -103 deg, 15 min, 8.9532 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 103 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 103' Bentonite	~65.93	~65.93	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-2) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 57.615 sec
Longitude: -103 deg, 15 min, 8.9712 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 84.5 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~0.33	0.33	Tremie	
	2' - 84.5' Bentonite	~13.46	13.46	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-5) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 57.219 sec
Longitude: -103 deg, 15 min, 8.8374 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 103 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/I Portland	~1.31	1.31	Tremie	
	2' - 103' Bentonite	~65.93	65.93	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-6) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 56.3982 sec
Longitude: -103 deg, 15 min, 8.748 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 103 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 103' Bentonite	~65.93	65.93	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-7) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 56.2794 sec
Longitude: -103 deg, 15 min, 8.0352 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 103 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/if Portland	~1.31	1.31	Tremie	
	2' - 103' Bentonite	~65.93	65.93	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-8) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 55.779 sec
Longitude: -103 deg, 15 min, 6.933 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 103 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 103' Bentonite	~65.93	65.93	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-9) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 56.9562 sec
Longitude: -103 deg, 15 min, 8.031 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 103 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 103' Bentonite	~65.93	65.93	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

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 - (MW-10) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 58.1448 sec
Longitude: -103 deg, 15 min, 9.738 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 102 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 102' Bentonite	~65.28	65.28	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-11) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 57.0324 sec
Longitude: -103 deg, 15 min, 9.7482 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 103 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 103' Bentonite	~65.93	65.93	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

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 - (MW-12) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 55.8372 sec
Longitude: -103 deg, 15 min, 9.3414 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 102 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 102' Bentonite	~65.28	65.28	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-13) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 55.2354 sec
Longitude: -103 deg, 15 min, 7.4766 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 102 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 102' Bentonite	~65.28	65.28	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-14) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 54.4146 sec
Longitude: -103 deg, 15 min, 7.8294 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 122 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 122' Bentonite	~78.34	78.34	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller

10/21/2024
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 - (MW-15) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 54.1776 sec
Longitude: -103 deg, 15 min, 6.624 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 122 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 122' Bentonite	~78.34	78.34	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-16) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 54.717 sec
Longitude: -103 deg, 15 min, 5.8896 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 122 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 122' Bentonite	~78.34	78.34	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-17) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 57.288 sec
Longitude: -103 deg, 15 min, 7.5924 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 122 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 122' Bentonite	~78.34	78.34	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-19) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 57.9066 sec
Longitude: -103 deg, 15 min, 6.4686 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 102 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 102' Bentonite	~65.28	65.28	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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 - (MW-20) (file # Unknown)

Well owner: Plains All American Pipeline, L.P. Phone No.: (575) 200-5517

Mailing address: 1106 Griffith Dr.

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: 10/06/2024

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: 09/24/2024 Date well plugging concluded: 09/24/2024

5) GPS Well Location: Latitude: 32 deg, 49 min, 56.1612 sec
Longitude: -103 deg, 15 min, 6.4434 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 122 ft below ground level (bgl), by the following manner: Down-hole Tape

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.)
	0' - 2' I/II Portland	~1.31	1.31	Tremie	
	2' - 122' Bentonite	~78.34	78.34	Tremie	

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

III. SIGNATURE:

I, Robert A 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.

Signature of Well Driller — Date: 10/21/2024

Version: September 8, 2009
Page 2 of 2

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

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID: 34053
	Action Number: 497657
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	2024 AGWMR is satisfactory. Continue to conduct quarterly groundwater monitoring as prescribed	9/22/2025
shanna.smith	Continue to monitor groundwater contamination plume and perform activities pursuant to 19.15.30.9 NMAC	9/22/2025
shanna.smith	Submit the 2025 annual report to OCD by April 1 2026.	9/22/2025