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Your Ref.: AP-007  
Our Ref.: 12604523-Buchanan-2

August 7, 2025

Mr. Michael Buchanan  
State of New Mexico  
Energy, Minerals, and Natural Resources Department  
Oil Conservation Division  
8801 Horizon Boulevard NE, Suite 260  
Albuquerque, New Mexico 87113

2024 Annual Groundwater Monitoring Report  
Darr Angell No. 2  
Plains All American Pipeline, L.P.  
Lea County, New Mexico  
New Mexico Oil Conservation Division Abatement Permit No. AP-007  
Incident Number nAPP2108852096

Dear Mr. Buchanan:

On behalf of Plains All American Pipeline, L.P. (Plains), GHD Services Inc. (GHD) is submitting the *2024 Annual Groundwater Monitoring Report* (Report) for the above-referenced property (Site) to the New Mexico Oil Conservation Division (NMOCD). The Report summarizes activities performed at the Site during 2024 in accordance with the NMOCD's recommendations in response to the *2023 Annual Groundwater Monitoring Report*.

Should you have any questions or comments regarding this submittal, please don't hesitate to contact the undersigned.

Regards,

  
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Encl.: 2024 Annual Groundwater Monitoring Report



# **2024 Annual Groundwater Monitoring Report**

**Darr Angell No. 2**

**Lea County, New Mexico**

**NMOCD AP-007**

**Incident ID #: nAPP2108852096**

Plains All American Pipeline, L.P.

August 7, 2025

**→ The Power of Commitment**

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# 1. Introduction and Site History

This report presents the results of the groundwater monitoring activities conducted during 2024 at the Plains All American Pipeline, L.P. (Plains) Darr Angell No. 2 release Site (Site) by GHD Services Inc. (GHD). The Site is located approximately 11.9 miles northeast of Lovington and in the SW ¼, SE ¼ Section 11, Township 15 South, Range 37 East; and NW ¼, NE ¼, Section 14, Township 15 South, Range 37 East in Lea County, New Mexico. The coordinates of this Site are 33.0242° N and 103.1668° W. The location of the Site is shown on Figure 1. A detailed map of the Site is provided on Figure 2. The property affected by the release is currently managed by Plains. The Site is regulated by the New Mexico Oil Conservation Division (NMOCD) under Abatement Permit (AP)-007 and is associated with incident number nAPP2108852096.

A crude oil release occurred on July 29, 1999, from an 8-inch Enron Oil Trading and Transportation (EOTT) pipeline. The cause of the release was due to external pipeline corrosion. July 29, 1999, an Initial Release Notification and Corrective Action, Form C-141 was submitted to the NMOCD and the release was assigned AP No. AP-007. A copy of the Release Notification and Corrective Action, Form C-141 is attached as Appendix A.

Initial remediation activities began in August 1999 and consisted of 40 soil borings installed within and around the area of surface staining. In April and May 2000, a contractor for EOTT excavated the impacted area. Excavation activity resumed in April and May 2001 with additional removal of impacted soil. Between April 2000 and December 2002, ten monitor wells (MW-1 through MW-10) and seven recovery wells (RW-1 through RW-7) were drilled and installed to delineate the extent of groundwater contamination and light non-aqueous phase liquid (LNAPL) and to monitor the concentrations of constituents of concern (COCs). On March 11, 2002, partial backfilling of the open excavation was conducted subsequent to NMOCD approval of a backfill request. On May 2, 2011, Conestoga-Rovers & Associates, Inc. (CRA, now known as GHD) assumed Site groundwater project management and remediation responsibilities. Results of groundwater monitoring events and LNAPL recovery prior to May 2, 2011, were provided by Plains.

In October 2014, GHD provided oversight of the installation of one monitor well (MW-4R) and four recovery wells (RW-7R, RW-8, RW-9, and RW-10) to further delineate the extent of the LNAPL plume and COCs in groundwater. In February 2017, GHD provided oversight of the installation of one monitor well (MW-12) and two recovery wells (RW-11 and RW-12) to further delineate the extent of the LNAPL plume and COCs in groundwater. In February 2020, GHD provided oversight of the plugging and abandonment (P&A) of nine monitor wells (MW-1, MW-2, MW-3, MW-6, MW-7, MW-8, MW-9, MW-10, and MW-11) and one recovery well (RW-4) and the installation of seven new monitor wells (MW-3R, MW-6R, MW-7R, MW-8R, MW-9R, MW-10R, and MW-13) and three recovery wells (RW-4R, RW-13, and RW-14) to further delineate the extent of the LNAPL plume and COCs in groundwater. All Site monitoring and recovery wells were installed by a licensed New Mexico well driller with NMOCD approval.

Currently, the Site has a network of twenty-three monitoring and recovery wells, which were monitored quarterly in 2024 to evaluate the concentrations of COCs in impacted groundwater and to delineate the extent of the LNAPL plume. The COCs are benzene, toluene, ethylbenzene, and total xylenes (BTEX) and polycyclic aromatic hydrocarbons (PAHs). A detailed map of the Site with monitoring and recovery well locations depicted is provided on Figure 2.

In previous years, groundwater samples were analyzed for PAHs by the United States Environmental Protection Agency (USEPA) Method SW846-8270C-SIM on an annual basis for monitoring or recovery wells that did not previously meet the criteria of two consecutive years of PAH concentrations below the New Mexico Water Quality Control Commission (NMWQCC) standards and below 0.001 milligrams per liter (mg/L) for PAH compounds with no NMWQCC standard, as required by the NMOCD. Due to prior analytical results meeting criteria of 2 consecutive years with concentrations less than NMWQCC Human Health Standard for PAH compounds, groundwater samples were not collected for analysis of PAH compounds in 2024. Historical PAH data is summarized in Table 3.

## 2. Groundwater Monitoring

Quarterly groundwater monitoring events were performed on February 8 through 9, May 8, August 7, and November 5, 2024. A supplemental sampling event was performed on June 17, 2024, to confirm the analytical results of one well (MW-12). The monitoring program included quarterly groundwater gauging and sampling of monitoring and recovery wells.

### 2.1 Monitoring Well Gauging

On February 8 through 9, May 8, June 17, August 7, and November 5, 2024, GHD personnel measured the depth to groundwater in monitoring and recovery wells using an electronic oil/water interface probe (IP). The IP was cleaned with laboratory grade soap and purified water prior to gauging each monitoring or recovery well.

Based on the data collected in 2024, groundwater flow is generally southeast and is consistent with historical data for the Site. The groundwater gradient was calculated at 0.0017 foot per linear foot (ft/ft) in February, 0.031 ft/ft in May, 0.033 ft/ft in August, and 0.035 ft/ft in November 2024. The potentiometric surface indicates groundwater elevations declined an average of 0.91 feet (ft) between November 2023 and November 2024. Fluctuations in the elevation of the potentiometric surface are attributed to seasonal weather conditions. Groundwater potentiometric surface maps are presented as Figures 3 through 6.

Thirteen (RW-1, RW-2, RW-3, RW-4R, RW-5, RW-7R, RW-8, RW-9, RW-10, RW-11, RW-12, RW-13, and RW-14) of the twenty-three monitor and recovery wells at the Site contained LNAPL throughout 2024 with measurable thicknesses ranging from 0.01 ft in multiple wells on various dates to 7.23 ft. in recovery well RW-14 during November 2024. LNAPL thickness increased an average of 1.0 ft. between November 2023 and November 2024. Depth to groundwater, LNAPL thickness, and calculated groundwater elevations are summarized in Tables 1a and 1b and represented on Figures 3 through 6.

### 2.2 Groundwater Sampling

Following gauging during each quarterly monitoring event in February, May, August, and November 2024, as well as the monitor well MW-12 resampling event on June 17, 2024, GHD utilized a monsoon pump to purge a minimum of three well volumes of groundwater or until the well was dry. The well was given time to recover before collecting a groundwater sample. Purged water recovered during the monitoring events was disposed into the Site's above-ground storage tank (AST) pending disposal. Purge water was periodically transported off-Site to a NMOCD-approved disposal facility. Disposal records are available upon request.

Groundwater samples were collected using disposable polyethylene bailers, placed in laboratory-provided sample containers, packed in a cooler with ice, and transported under Chain-of-Custody documentation to Pace Analytical Laboratory in Mt. Juliet, Tennessee in February and ALS Environmental in Houston, Texas in May, August, and November. Samples collected for each quarterly monitoring event were submitted for analysis of BTEX by the USEPA Method SW846-8021B for the February event and by the USEPA Method SW846-8260 for the May, August, and November events.

### 2.3 Quality Assurance/Quality Control

During each groundwater monitoring event, a field duplicate was collected as a Quality Assurance/Quality Control (QA/QC) sample and subsequently submitted for laboratory analysis. A trip blank was also included with each cooler submitted to the laboratory as a QA/QC sample for each groundwater monitoring event.

## 2.4 Analytical Results

The NMWQCC mandates that groundwater quality in New Mexico be protected, and has issued groundwater quality standards in Title 20, Chapter 6, Part 2, Section 3103 of the New Mexico Administrative Code (NMAC) 20.6.2.3103. Groundwater quality standards have been set for the protection of human health, domestic water supply, and irrigation use.

Groundwater analytical results are summarized in Tables 2a and 2b. The corresponding laboratory analytical reports from 2024 are included in Appendix B. COC concentration maps are presented as Figures 7 through 10. Analytical results are summarized as follows:

- Benzene concentrations in samples taken from monitor well MW-12 exceeded the NMWQCC Groundwater Remediation and Delineation Limit in the second, third, fourth, and supplemental groundwater monitoring events. Prior to May 2024, samples from monitor well MW-12 had not exceeded NMWQCC standards since August 2021.
- Toluene, ethylbenzene, and xylenes concentrations were below the NMWQCC Groundwater Remediation and Delineation Limit in all groundwater samples collected from monitoring and recovery wells at the Site during all four quarters in 2024.

## 3. Remediation Activities

A trailer-mounted mobile dual-phase extraction (MDPE) unit was installed and began operation at the Site in October 2012. LNAPL and impacted groundwater recovery is conducted daily via trailer-mounted, automated system, which operates four total-fluid recovery pumps with vacuum for enhanced fluid recovery (EFR). The pumps were installed and operated in recovery wells RW-4R, RW-10, RW-13, and RW-14 throughout 2024. GHD field personnel performed routine operation and maintenance (O&M) activities each week to maintain efficient system operation and fluid recovery. O&M activities included inspections of well-heads and flow lines, servicing the air supply, vacuum and total fluid pumps, adjustment of pump depths, gauging of recovered fluid levels in the storage tank, and general housekeeping tasks. In 2024, the remediation system operated for 165 days with approximately 1,198 gallons of LNAPL and approximately 60,034 gallons of impacted groundwater being recovered in the on-Site AST. All recovered fluids were later transported off-Site to a NMOCD-approved disposal facility. Disposal records are available upon request.

## 4. Summary and Recommendations

### 4.1 Summary

The following summarizes the information and data presented in this report:

- LNAPL was gauged in thirteen of the twenty-three monitoring wells at the Site with with measurable thicknesses ranging from 0.01 ft in multiple wells on various dates to 7.23 ft in recovery well RW-14 during November 2024. Overall, the LNAPL thickness increased by a net average of 1.0 ft between November 2023 and November 2024.
- The potentiometric surface indicates groundwater elevations have declined an average of 0.91 ft between November 2023 and November 2024.
- Benzene concentrations from monitor well MW-12 samples exceeded NMWQCC criteria in May, June, August, and November 2024 monitoring events. No other samples exhibited benzene exceedances in 2024.

- Toluene, ethylbenzene, and xylene concentrations were below NMWQCC criteria for all monitoring and recovery wells sampled in 2024.
- The on-Site remediation system operated for 165 days. Remediation pumps operated in four recovery wells and recovered approximately 1,198 gallons of LNAPL and 60,034 gallons of impacted groundwater.

## 4.2 Recommendations

Based on the results of the 2024 groundwater monitoring events, GHD recommends the following in 2025:

- Following the NMOCD approval on July 24, 2024, of the semi-annual sampling schedule proposed in the *2023 Annual Groundwater Monitoring Report*, initiate semi-annual groundwater monitoring events in 2025. Perform semi-annual groundwater monitoring events for sampling of groundwater and analysis of BTEX by USEPA Method SW846-8260 for all Site monitoring wells.
- Continue operation and maintenance of the trailer mounted, automated remediation system.

## 5. Scope and Limitations

*This report: has been prepared by GHD for Plains All American Pipeline, L.P. and may only be used and relied on by Plains All American Pipeline, L.P. for the purpose agreed between GHD and Plains All American Pipeline, L.P.*

*GHD otherwise disclaims responsibility to any person other than Plains All American Pipeline, L.P. arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.*

*The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.*

*The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.*

*The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.*

**Summary of Groundwater Gauging and Elevation Data (2021-2024)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-3R	1/25/21	3789.51	68.98	--	--	3720.53	--
MW-3R	2/8/21	3789.51	69.02	--	--	3720.49	90.36
MW-3R	3/22/21	3789.51	69.09	--	--	3720.42	--
MW-3R	4/26/21	3789.51	69.16	--	--	3720.35	--
MW-3R	5/10/21	3789.51	69.23	--	--	3720.28	--
MW-3R	7/28/21	3789.51	69.37	--	--	3720.14	--
MW-3R	8/9/21	3789.51	69.38	--	--	3720.13	90.4
MW-3R	9/29/21	3789.51	69.5	--	--	3720.01	90.36
MW-3R	10/26/21	3789.51	69.5	--	--	3720.01	90.36
MW-3R	11/9/21	3789.51	69.53	--	--	3719.98	90.36
MW-3R	12/21/21	3789.51	69.62	--	--	3719.89	90.36
MW-3R	1/24/22	3789.51	69.71	--	--	3719.8	90.36
MW-3R	2/8/22	3789.51	69.75	--	--	3719.76	90
MW-3R	3/14/22	3789.51	69.82	--	--	3719.69	90
MW-3R	4/12/22	3789.51	69.91	--	--	3719.6	90
MW-3R	5/3/22	3789.51	69.9	--	--	3719.61	90
MW-3R	6/14/22	3789.51	70.02	--	--	3719.49	90
MW-3R	7/27/22	3789.51	70.09	--	--	3719.42	90
MW-3R	8/16/22	3789.51	70.15	--	--	3719.36	90
MW-3R	11/8/22	3789.51	70.31	--	--	3719.2	90
MW-3R	2/6/23	3789.51	70.47	--	--	3719.04	89.3
MW-3R	5/4/23	3789.51	70.72	--	--	3718.79	89.3
MW-3R	6/23/23	3789.51	70.82	--	--	3718.69	--
MW-3R	8/3/23	--	--	--	--	--	--
MW-3R	8/8/23	3789.51	70.91	--	--	3718.6	89.3
MW-3R	11/7/23	3789.51	71.05	--	--	3718.46	--
MW-3R	2/9/24	3789.51	71.27	--	--	3718.24	89.3
MW-3R	5/8/24	3789.51	71.48	--	--	F	89.19
MW-3R	8/7/24	3789.51	71.7	--	--	3717.81	89.2
MW-3R	11/5/24	3789.51	71.92	--	--	3717.59	89.24
MW-4R	1/25/21	3789.17	68.62	--	--	3720.55	--
MW-4R	2/8/21	3789.17	68.05	--	--	3721.12	85.82
MW-4R	3/22/21	3789.17	68.73	--	--	3720.44	--
MW-4R	4/26/21	3789.17	68.78	--	--	3720.39	--
MW-4R	5/10/21	3789.17	68.84	--	--	3720.33	--
MW-4R	7/28/21	3789.17	68.99	--	--	3720.18	--
MW-4R	8/9/21	3789.17	69.01	--	--	3720.16	85.84
MW-4R	9/29/21	3789.17	69.13	--	--	3720.04	85.82
MW-4R	10/26/21	3789.17	69.14	--	--	3720.03	85.82
MW-4R	11/9/21	3789.17	69.19	--	--	3719.98	85.52
MW-4R	12/21/21	3789.17	69.24	--	--	3719.93	85.52
MW-4R	1/24/22	3789.17	69.33	--	--	3719.84	85.52
MW-4R	2/8/22	3789.17	69.38	--	--	3719.79	85.43
MW-4R	3/14/22	3789.17	69.46	--	--	3719.71	85.43
MW-4R	4/12/22	3789.17	69.53	--	--	3719.64	85.43
MW-4R	5/3/22	3789.17	69.55	--	--	3719.62	85.43
MW-4R	6/14/22	3789.17	69.66	--	--	3719.51	85.43
MW-4R	7/27/22	3789.17	69.72	--	--	3719.45	85.43
MW-4R	8/16/22	3789.17	69.78	--	--	3719.39	85.43
MW-4R	11/8/22	3789.17	69.95	--	--	3719.22	85.43
MW-4R	2/6/23	3789.17	70.13	--	--	3719.04	85.11
MW-4R	5/4/23	3789.17	70.38	--	--	3718.79	85.11
MW-4R	8/8/23	3789.17	70.53	--	--	3718.64	85.11
MW-4R	11/7/23	3789.17	70.38	--	--	3718.79	--
MW-4R	2/9/24	3789.17	70.89	--	--	3718.28	85.11
MW-4R	5/8/24	3789.17	71.1	--	--	3718.07	89.86
MW-4R	8/7/24	3789.17	71.32	--	--	3717.85	84.92
MW-4R	11/5/24	3789.17	71.51	--	--	3717.66	84.95



**Summary of Groundwater Gauging and Elevation Data (2021-2024)**  
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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-6R	1/25/21	3789.79	68.48	--	--	3721.31	--
MW-6R	2/8/21	3789.79	68.51	--	--	3721.28	90.09
MW-6R	3/22/21	3789.79	68.59	--	--	3721.2	--
MW-6R	4/26/21	3789.79	68.64	--	--	3721.15	--
MW-6R	5/10/21	3789.79	68.7	--	--	3721.09	--
MW-6R	7/28/21	3789.79	68.85	--	--	3720.94	--
MW-6R	8/9/21	3789.79	68.88	--	--	3720.91	90.07
MW-6R	9/29/21	3789.79	68.98	--	--	3720.81	90.09
MW-6R	10/26/21	3789.79	68.97	--	--	3720.82	90.09
MW-6R	11/9/21	3789.79	69.01	--	--	3720.78	90.09
MW-6R	12/21/21	3789.79	69.08	--	--	3720.71	90.09
MW-6R	1/24/22	3789.79	69.2	--	--	3720.59	90.09
MW-6R	2/8/22	3789.79	69.24	--	--	3720.55	90.06
MW-6R	3/14/22	3789.79	69.32	--	--	3720.47	90.06
MW-6R	4/12/22	3789.79	69.42	--	--	3720.37	90.06
MW-6R	5/3/22	3789.79	69.4	--	--	3720.39	90.06
MW-6R	6/14/22	3789.79	69.52	--	--	3720.27	90.06
MW-6R	7/27/22	3789.79	69.59	--	--	3720.2	90.06
MW-6R	8/16/22	3789.79	69.66	--	--	3720.13	90.06
MW-6R	11/8/22	3789.79	69.82	--	--	3719.97	90.06
MW-6R	2/6/23	3789.79	70.01	--	--	3719.78	89.56
MW-6R	5/4/23	3789.79	70.23	--	--	3719.56	89.56
MW-6R	8/8/23	3789.79	70.43	--	--	3719.36	89.56
MW-6R	11/7/23	3789.79	70.56	--	--	3719.23	--
MW-6R	2/9/24	3789.79	70.78	--	--	3719.01	89.65
MW-6R	5/8/24	3789.79	70.99	--	--	3718.8	89.4
MW-6R	8/7/24	3789.79	71.2	--	--	3718.59	89.45
MW-6R	11/5/24	3789.79	71.46	--	--	3718.33	89.8
MW-7R	1/25/21	3790.51	69.42	--	--	3721.09	--
MW-7R	2/8/21	3790.51	69.46	--	--	3721.05	90.2
MW-7R	3/22/21	3790.51	69.52	--	--	3720.99	--
MW-7R	4/26/21	3790.51	69.6	--	--	3720.91	--
MW-7R	5/10/21	3790.51	69.66	--	--	3720.85	--
MW-7R	7/28/21	3790.51	69.82	--	--	3720.69	--
MW-7R	8/9/21	3790.51	69.84	--	--	3720.67	90.09
MW-7R	9/29/21	3790.51	69.95	--	--	3720.56	90.2
MW-7R	10/26/21	3790.51	69.95	--	--	3720.56	90.2
MW-7R	11/9/21	3790.51	69.98	--	--	3720.53	90.2
MW-7R	12/21/21	3790.51	70.05	--	--	3720.46	90.2
MW-7R	1/24/22	3790.51	70.15	--	--	3720.36	90.2
MW-7R	2/8/22	3790.51	70.21	--	--	3720.3	88.8
MW-7R	3/14/22	3790.51	70.29	--	--	3720.22	88.8
MW-7R	4/12/22	3790.51	70.35	--	--	3720.16	88.8
MW-7R	5/3/22	3790.51	70.36	--	--	3720.15	88.8
MW-7R	6/14/22	3790.51	70.48	--	--	3720.03	88.8
MW-7R	7/27/22	3790.51	70.55	--	--	3719.96	88.8
MW-7R	8/16/22	3790.51	70.62	--	--	3719.89	88.8
MW-7R	11/8/22	3790.51	70.77	--	--	3719.74	88.8
MW-7R	2/6/23	3790.51	70.96	--	--	3719.55	87.92
MW-7R	5/4/23	3790.51	71.2	--	--	3719.31	87.92
MW-7R	8/8/23	3790.51	71.37	--	--	3719.14	87.92
MW-7R	11/7/23	3790.51	71.5	--	--	3719.01	--
MW-7R	2/9/24	3790.51	71.74	--	--	3718.77	87.92
MW-7R	5/8/24	3790.51	71.95	--	--	3718.56	87.78
MW-7R	8/7/24	3790.51	72.17	--	--	3718.34	87.8
MW-7R	11/5/24	3790.51	72.41	--	--	3718.1	88.5
MW-8R	1/25/21	3788.75	68.02	--	--	3720.73	--
MW-8R	2/8/21	3788.75	68.05	--	--	3720.7	90.38

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**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-8R	3/22/21	3788.75	68.12	--	--	3720.63	--
MW-8R	4/26/21	3788.75	68.19	--	--	3720.56	--
MW-8R	5/10/21	3788.75	68.24	--	--	3720.51	--
MW-8R	7/28/21	3788.75	68.42	--	--	3720.33	--
MW-8R	8/9/21	3788.75	68.42	--	--	3720.33	--
MW-8R	9/29/21	3788.75	68.58	--	--	3720.17	--
MW-8R	10/26/21	3788.75	68.57	--	--	3720.18	90.38
MW-8R	11/9/21	3788.75	68.6	--	--	3720.15	90.38
MW-8R	12/21/21	3788.75	68.69	--	--	3720.06	90.38
MW-8R	1/24/22	3788.75	68.73	--	--	3720.02	90.38
MW-8R	2/8/22	3788.75	68.8	--	--	3719.95	90.6
MW-8R	3/14/22	3788.75	68.88	--	--	3719.87	90.6
MW-8R	4/12/22	3788.75	68.85	--	--	3719.9	90.6
MW-8R	5/3/22	3788.75	68.95	--	--	3719.8	90.6
MW-8R	6/14/22	3788.75	69.07	--	--	3719.68	90.6
MW-8R	7/27/22	3788.75	69.14	--	--	3719.61	90.6
MW-8R	8/16/22	3788.75	69.19	--	--	3719.56	90.6
MW-8R	11/8/22	3788.75	69.37	--	--	3719.38	90.6
MW-8R	2/6/23	3788.75	69.55	--	--	3719.2	89.47
MW-8R	5/4/23	3788.75	69.77	--	--	3718.98	89.47
MW-8R	8/8/23	3788.75	69.98	--	--	3718.77	89.47
MW-8R	11/7/23	3788.75	71.29	--	--	3717.46	--
MW-8R	2/9/24	3788.75	70.31	--	--	3718.44	89.47
MW-8R	5/8/24	3788.75	71.53	--	--	3717.22	89.23
MW-8R	8/7/24	3788.75	70.75	--	--	3718	89.35
MW-8R	11/5/24	3788.75	70.98	--	--	3717.77	90
MW-9R	1/25/21	3789.02	68.05	--	--	3720.97	--
MW-9R	2/8/21	3789.02	68.07	--	--	3720.95	89.97
MW-9R	3/22/21	3789.02	68.07	--	--	3720.95	--
MW-9R	4/26/21	3789.02	68.21	--	--	3720.81	--
MW-9R	5/10/21	3789.02	68.27	--	--	3720.75	--
MW-9R	7/28/21	3789.02	68.44	--	--	3720.58	--
MW-9R	8/9/21	3789.02	68.46	--	--	3720.56	89.97
MW-9R	9/29/21	3789.02	68.55	--	--	3720.47	89.97
MW-9R	10/26/21	3789.02	68.55	--	--	3720.47	89.97
MW-9R	11/9/21	3789.02	68.6	--	--	3720.42	89.97
MW-9R	12/21/21	3789.02	68.67	--	--	3720.35	89.97
MW-9R	1/24/22	3789.02	68.77	--	--	3720.25	89.97
MW-9R	2/8/22	3789.02	68.82	--	--	3720.2	90.08
MW-9R	3/14/22	3789.02	68.89	--	--	3720.13	90.08
MW-9R	4/12/22	3789.02	68.98	--	--	3720.04	90.08
MW-9R	5/3/22	3789.02	68.97	--	--	3720.05	90.08
MW-9R	6/14/22	3789.02	69.1	--	--	3719.92	90.08
MW-9R	7/27/22	3789.02	69.17	--	--	3719.85	90.08
MW-9R	8/16/22	3789.02	69.24	--	--	3719.78	90.08
MW-9R	11/8/22	3789.02	69.39	--	--	3719.63	90.08
MW-9R	2/6/23	3789.02	69.58	--	--	3719.44	89.79
MW-9R	5/4/23	3789.02	69.8	--	--	3719.22	89.79
MW-9R	8/8/23	3789.02	69.99	--	--	3719.03	89.73
MW-9R	11/7/23	3789.02	70.14	--	--	3718.88	--
MW-9R	2/9/24	3789.02	70.34	--	--	3718.68	89.79
MW-9R	5/8/24	3789.02	70.56	--	--	3718.46	89.61
MW-9R	8/7/24	3789.02	70.78	--	--	3718.24	89.65
MW-9R	11/5/24	3789.02	71.01	--	--	3718.01	89.9
MW-10R	1/25/21	3788.9	68.27	--	--	3720.63	--
MW-10R	2/8/21	3788.9	68.3	--	--	3720.6	89.61
MW-10R	3/22/21	3788.9	68.38	--	--	3720.52	--
MW-10R	4/26/21	3788.9	68.43	--	--	3720.47	--

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MW-10R	5/10/21	3788.9	68.49	--	--	3720.41	--
MW-10R	7/28/21	3788.9	68.65	--	--	3720.25	--
MW-10R	8/9/21	3788.9	68.68	--	--	3720.22	90.33
MW-10R	9/29/21	3788.9	68.79	--	--	3720.11	89.61
MW-10R	10/26/21	3788.9	68.8	--	--	3720.1	89.61
MW-10R	11/9/21	3788.9	68.83	--	--	3720.07	89.61
MW-10R	12/21/21	3788.9	68.91	--	--	3719.99	89.61
MW-10R	1/24/22	3788.9	69.01	--	--	3719.89	89.61
MW-10R	2/8/22	3788.9	69.05	--	--	3719.85	89.9
MW-10R	3/14/22	3788.9	69.1	--	--	3719.8	89.9
MW-10R	4/12/22	3788.9	69.2	--	--	3719.7	89.9
MW-10R	5/3/22	3788.9	69.19	--	--	3719.71	89.9
MW-10R	6/14/22	3788.9	69.31	--	--	3719.59	89.9
MW-10R	7/27/22	3788.9	69.39	--	--	3719.51	89.9
MW-10R	8/16/22	3788.9	69.44	--	--	3719.46	89.9
MW-10R	11/8/22	3788.9	69.61	--	--	3719.29	89.9
MW-10R	2/6/23	3788.9	69.78	--	--	3719.12	88.83
MW-10R	5/4/23	3788.9	70.02	--	--	3718.88	88.83
MW-10R	8/8/23	3788.9	70.14	--	--	3718.76	88.83
MW-10R	11/7/23	3788.9	70.34	--	--	3718.56	--
MW-10R	2/9/24	3788.9	70.56	--	--	3718.34	88.83
MW-10R	5/8/24	3788.9	70.79	--	--	3718.11	88.75
MW-10R	8/7/24	3788.9	71	--	--	3717.9	88.8
MW-10R	11/5/24	3788.9	71.22	--	--	3717.68	90
MW-12	1/25/21	3789.64	69.36	--	--	3720.28	--
MW-12	2/8/21	3789.64	69.39	--	--	3720.25	85.65
MW-12	2/8/21	3789.64	69.5	--	--	3720.14	--
MW-12	4/26/21	3789.64	69.53	--	--	3720.11	--
MW-12	5/10/21	3789.64	69.56	--	--	3720.08	--
MW-12	7/28/21	3789.64	69.72	--	--	3719.92	--
MW-12	8/9/21	3789.64	69.77	--	--	3719.87	85.65
MW-12	9/29/21	3789.64	69.86	--	--	3719.78	89.9
MW-12	10/26/21	3789.64	69.87	--	--	3719.77	89.9
MW-12	11/9/21	3789.64	69.8	--	--	3719.84	89.9
MW-12	12/21/21	3789.64	69.99	--	--	3719.65	89.9
MW-12	1/24/22	3789.64	70.08	--	--	3719.56	89.9
MW-12	2/8/22	3789.64	70.1	--	--	3719.54	85.28
MW-12	3/14/22	3789.64	70.19	--	--	3719.45	85.28
MW-12	4/12/22	3789.64	70.27	--	--	3719.37	85.28
MW-12	5/3/22	3789.64	70.27	--	--	3719.37	85.28
MW-12	6/14/22	3789.64	70.38	--	--	3719.26	85.28
MW-12	7/27/22	3789.64	70.45	--	--	3719.19	85.28
MW-12	8/16/22	3789.64	70.51	--	--	3719.13	85.28
MW-12	11/8/22	3789.64	70.68	--	--	3718.96	85.28
MW-12	2/6/23	3789.64	70.85	--	--	3718.79	85.09
MW-12	5/4/23	3789.64	71.08	--	--	3718.56	85.09
MW-12	6/23/23	3789.64	71.07	--	--	3718.57	--
MW-12	8/3/23	--	--	--	--	--	--
MW-12	8/8/23	3789.64	71.26	--	--	3718.38	85.09
MW-12	11/7/23	3789.64	71.41	--	--	3718.23	--
MW-12	2/9/24	3789.64	71.61	--	--	3718.03	85.09
MW-12	5/8/24	3789.64	71.85	--	--	3717.79	85.11
MW-12	6/17/24	3789.64	71.92	--	--	3717.72	85.1
MW-12	8/7/24	3789.64	72.05	--	--	3717.59	85.1
MW-12	11/5/24	3789.64	72.28	--	--	3717.36	86.1
MW-13	1/25/21	3789.7	68.48	--	--	3721.22	--
MW-13	2/8/21	3789.7	68.53	--	--	3721.17	90.18
MW-13	3/22/21	3789.7	68.55	--	--	3721.15	--

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MW-13	4/26/21	3789.7	68.64	--	--	3721.06	--
MW-13	5/10/21	3789.7	68.69	--	--	3721.01	--
MW-13	7/28/21	3789.7	68.83	--	--	3720.87	--
MW-13	8/9/21	3789.7	68.88	--	--	3720.82	89.93
MW-13	9/29/21	3789.7	69.01	--	--	3720.69	90.18
MW-13	10/26/21	3789.7	69	--	--	3720.7	90.18
MW-13	11/9/21	3789.7	69.03	--	--	3720.67	90.18
MW-13	12/21/21	3789.7	69.12	--	--	3720.58	90.18
MW-13	1/24/22	3789.7	69.21	--	--	3720.49	90.18
MW-13	2/8/22	3789.7	69.25	--	--	3720.45	89.8
MW-13	3/14/22	3789.7	69.33	--	--	3720.37	89.8
MW-13	4/12/22	3789.7	69.43	--	--	3720.27	89.8
MW-13	5/3/22	3789.7	69.41	--	--	3720.29	89.8
MW-13	6/14/22	3789.7	69.53	--	--	3720.17	89.8
MW-13	7/27/22	3789.7	69.9	--	--	3719.8	89.8
MW-13	8/16/22	3789.7	69.66	--	--	3720.04	89.8
MW-13	11/8/22	3789.7	69.82	--	--	3719.88	89.8
MW-13	2/6/23	3789.7	70.02	--	--	3719.68	89.39
MW-13	5/4/23	3789.7	70.25	--	--	3719.45	89.39
MW-13	8/8/23	3789.7	70.43	--	--	3719.27	89.39
MW-13	11/7/23	3789.7	70.59	--	--	3719.11	--
MW-13	2/9/24	3789.7	70.83	--	--	3718.87	89.39
MW-13	5/8/24	3789.7	70.99	--	--	3718.71	89.18
MW-13	8/7/24	3789.7	71.2	--	--	3718.5	90.42
MW-13	11/5/24	3789.7	71.46	--	--	3718.24	89.4
RW-1	1/25/21	3789.85	67.98	67.5	0.39	3722.186	--
RW-1	2/8/21	3789.85	--	67.51	0.69	--	68.2
RW-1	3/22/21	3789.85	67.93	67.56	0.37	3722.22	68.2
RW-1	4/26/21	3789.85	68.05	67.55	0.5	3722.205	68.2
RW-1	5/10/21	3789.85	67.86	67.6	0.26	3722.201	68.2
RW-1	7/28/21	3789.85	--	67.77	0.43	--	68.2
RW-1	8/9/21	3789.85	67.8	67.78	0.02	3722.066	68.2
RW-1	9/29/21	3789.85	--	--	--	--	67.8
RW-1	10/11/21	3789.85	67.79	67.77	0.02	3722.076	68.2
RW-1	10/26/21	3789.85	67.81	67.8	0.01	3722.048	68.2
RW-1	11/9/21	3789.85	67.77	67.75	0.02	3722.096	68.2
RW-1	12/21/21	3789.85	68.12	67.91	0.21	3721.9	68.2
RW-1	1/24/22	3789.85	67.76	67.75	0.01	3722.098	68.2
RW-1	2/8/22	3789.85	67.75	67.73	0.02	3722.116	--
RW-1	3/14/22	3789.85	--	--	--	--	67.8
RW-1	4/12/22	3789.85	--	--	--	--	67.8
RW-1	5/3/22	3789.85	--	--	--	--	67.8
RW-1	6/14/22	3789.85	--	--	--	--	67.8
RW-1	7/27/22	3789.85	--	--	--	--	67.8
RW-1	8/16/22	3789.85	--	--	--	--	67.8
RW-1	11/8/22	3789.85	--	--	--	--	67.8
RW-1	2/9/23	3789.85	67.68	67.67	0.01	3722.178	67.8
RW-1	3/21/23	3789.85	71.22	70.45	0.77	3719.254	67.8
RW-1	4/13/23	3789.85	67.69	--	--	3722.16	67.8
RW-1	4/20/23	3789.85	67.68	--	--	3722.17	67.8
RW-1	5/4/23	3789.85	--	--	--	--	67.7
RW-1	5/18/23	3789.85	--	--	--	--	67.7
RW-1	5/30/23	3789.85	--	--	--	--	67.7
RW-1	6/15/23	3789.85	--	--	--	--	67.77
RW-1	6/23/23	3789.85	67.7	--	--	3722.15	67.7
RW-1	7/6/23	3789.85	67.64	--	--	3722.21	67.7
RW-1	8/3/23	3789.85	67.67	--	--	3722.18	--
RW-1	8/8/23	3789.85	--	68.67	--	--	68.67

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RW-1	8/31/23	3789.85	67.69	67.65	0.04	3722.192	--
RW-1	9/7/23	3789.85	67.66	67.64	0.02	3722.206	--
RW-1	9/14/23	3789.85	67.69	--	--	3722.16	--
RW-1	9/22/23	3789.85	67.7	--	--	3722.15	--
RW-1	10/5/23	3789.85	67.66	67.65	0.01	3722.19	--
RW-1	10/12/23	3789.85	67.65	67.63	0.02	3722.216	--
RW-1	10/19/23	3789.85	67.67	67.66	0.01	3722.188	--
RW-1	10/23/23	3789.85	67.68	67.67	0.01	3722.178	--
RW-1	11/2/23	3789.85	67.69	67.07	0.02	3722.176	--
RW-1	11/7/23	--	--	--	--	--	--
RW-1	12/7/23	3789.85	67.68	67.67	0.01	3722.178	--
RW-1	1/4/24	3789.85	67.68	67.67	0.01	3722.178	--
RW-1	1/11/24	3789.85	67.68	67.66	0.02	3722.186	--
RW-1	1/18/24	3789.85	67.69	67.68	0.01	3722.168	--
RW-1	1/25/24	3789.85	67.68	67.67	0.01	3722.178	--
RW-1	2/9/24	3789.85	--	--	--	--	67.7
RW-1	5/8/24	3789.85	67.68	--	--	3722.17	68.3
RW-1	8/7/24	3789.85	67.71	--	--	3722.14	71.72
RW-1	11/5/24	3789.85	67.7	--	--	3722.15	67.9
RW-2	1/25/21	3790.24	--	67.78	0.74	--	68.52
RW-2	2/8/21	3790.24	--	67.09	1.44	--	68.53
RW-2	3/22/21	3790.24	--	67.9	0.5	--	68.4
RW-2	4/26/21	3790.24	68.78	67.94	0.84	3722.14	--
RW-2	5/10/21	3790.24	--	67.96	0.44	--	68.4
RW-2	7/28/21	3790.24	--	68.11	0.03	--	68.14
RW-2	8/9/21	3790.24	68.24	68.15	0.09	3722.073	--
RW-2	9/29/21	3790.24	--	--	--	--	68.53
RW-2	10/26/21	3790.24	--	68.51	0.02	--	68.53
RW-2	11/9/21	3790.24	--	--	--	--	68.53
RW-2	12/21/21	3790.24	--	--	--	--	68.53
RW-2	1/24/22	3790.24	68.4	68.25	0.15	3721.961	68.53
RW-2	2/8/22	3790.24	--	--	--	--	67.52
RW-2	3/14/22	3790.24	--	--	--	--	67.52
RW-2	4/12/22	3790.24	67.32	67.25	0.07	3722.977	67.52
RW-2	5/3/22	3790.24	--	--	--	--	67.52
RW-2	6/14/22	3790.24	68.39	68.24	0.15	3721.971	68.39
RW-2	6/23/22	3790.24	68.29	68.26	0.03	3721.974	68.4
RW-2	7/27/22	3790.24	--	--	--	--	67.52
RW-2	8/16/22	3790.24	--	--	--	--	67.52
RW-2	11/8/22	3790.24	--	62.51	5.01	--	67.52
RW-2	12/9/22	3790.24	--	--	--	--	67.52
RW-2	12/9/22	3790.24	--	--	--	--	67.52
RW-2	1/13/23	3790.24	68.34	68.24	0.1	3721.981	67.52
RW-2	2/6/23	3790.24	68.35	68.26	0.09	3721.963	67.52
RW-2	3/21/23	3790.24	--	--	--	--	67.52
RW-2	4/13/23	3790.24	68.35	68.25	0.1	3721.971	67.52
RW-2	4/20/23	3790.24	67.4	--	--	3722.84	67.52
RW-2	5/4/23	3790.24	--	--	--	--	68.41
RW-2	5/18/23	3790.24	68.33	68.28	0.05	3721.95	68.41
RW-2	5/30/23	3790.24	68.37	68.25	0.12	3721.967	68.41
RW-2	6/15/23	3790.24	68.34	68.2	0.14	3722.013	68.41
RW-2	6/23/23	3790.24	68.38	68.25	0.13	3721.965	68.41
RW-2	7/6/23	3790.24	68.33	68.17	0.16	3722.04	68.41
RW-2	8/3/23	3790.24	68.52	68.51	0.01	3721.728	--
RW-2	8/8/23	3790.24	68.35	68.28	0.07	3721.947	68.41
RW-2	8/31/23	3790.24	68.33	68.28	0.05	3721.95	--
RW-2	9/7/23	3790.24	68.33	68.3	0.03	3721.934	--
RW-2	9/14/23	3790.24	68.32	68.27	0.05	3721.96	--

**Summary of Groundwater Gauging and Elevation Data (2021-2024)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-2	9/22/23	3790.24	68.39	68.32	0.07	3721.907	--
RW-2	10/5/23	3790.24	68.34	68.28	0.06	3721.948	--
RW-2	10/12/23	3790.24	68.38	68.33	0.05	3721.9	--
RW-2	10/19/23	3790.24	68.34	68.3	0.04	3721.932	--
RW-2	10/23/23	3790.24	68.32	68.29	0.03	3721.944	--
RW-2	11/2/23	3790.24	68.36	68.31	0.05	3721.92	--
RW-2	11/7/23	3790.24	68.32	68.29	0.03	3721.944	--
RW-2	12/7/23	3790.24	68.4	68.33	0.07	3721.897	--
RW-2	1/4/24	3790.24	68.42	68.34	0.08	3721.885	--
RW-2	1/11/24	3790.24	68.41	68.32	0.09	3721.903	--
RW-2	1/18/24	3790.24	68.4	68.33	0.07	3721.897	--
RW-2	1/25/24	3790.24	68.4	68.34	0.06	3721.889	--
RW-2	2/9/24	3790.24	68.34	68.28	0.06	3721.948	68.41
RW-2	5/8/24	3790.24	--	--	--	--	--
RW-2	8/7/24	3790.24	--	--	--	--	--
RW-2	11/5/24	3790.24	--	--	--	--	65.85
RW-2	11/5/24	3790.24	--	--	--	--	65.85
RW-3	1/25/21	3790.24	70.76	68.05	2.71	3721.675	--
RW-3	2/8/21	3790.24	70.77	68.08	2.69	3721.649	71.27
RW-3	3/22/21	3790.24	70.73	68.19	2.54	3721.567	--
RW-3	4/26/21	3790.24	70.7	68.72	1.98	3721.144	--
RW-3	5/10/21	3790.24	70.65	68.29	2.36	3721.502	--
RW-3	7/28/21	3790.24	70.71	68.45	2.26	3721.361	--
RW-3	8/9/21	3790.24	70.7	68.78	1.92	3721.095	--
RW-3	9/29/21	3790.24	70.73	68.58	2.15	3721.251	71.27
RW-3	10/26/21	3790.24	70.73	68.6	2.13	3721.235	71.27
RW-3	11/9/21	3790.24	70.7	68.64	2.06	3721.208	71.27
RW-3	12/21/21	3790.24	70.73	68.75	1.98	3721.114	71.27
RW-3	1/24/22	3790.24	70.72	68.8	1.92	3721.075	71.27
RW-3	2/8/22	3790.24	70.68	68.82	1.86	3721.067	--
RW-3	3/7/22	3790.24	70.73	68.91	1.82	3720.984	--
RW-3	3/14/22	3790.24	71.09	68.93	2.16	3720.9	71.2
RW-3	3/21/22	3790.24	71.1	68.9	2.2	3720.922	71.2
RW-3	3/28/22	3790.24	71.02	68.95	2.07	3720.897	71.2
RW-3	4/4/22	3790.24	--	68.99	2.21	--	71.2
RW-3	4/12/22	3790.24	71.18	69	2.18	3720.826	71.2
RW-3	4/18/22	3790.24	71.18	69.01	2.17	3720.818	71.2
RW-3	4/25/22	3790.24	71.15	69.04	2.11	3720.799	71.2
RW-3	5/3/22	3790.24	71.11	69.02	2.09	3720.823	71.2
RW-3	5/9/22	3790.24	--	69.06	2.14	--	71.2
RW-3	5/23/22	3790.24	--	69.12	2.08	--	71.2
RW-3	6/3/22	3790.24	71.17	69.08	2.09	3720.763	71.2
RW-3	6/10/22	3790.24	--	69.1	2.1	--	71.2
RW-3	6/14/22	3790.24	--	69.14	2.06	--	71.2
RW-3	6/20/22	3790.24	--	69.12	2.08	--	71.2
RW-3	6/27/22	3790.24	--	69.15	2.05	--	71.2
RW-3	7/5/22	3790.24	--	69.17	2.03	--	71.2
RW-3	7/22/22	3790.24	--	69.22	1.98	--	71.2
RW-3	7/27/22	3790.24	--	71.2	0	--	71.2
RW-3	8/16/22	3790.24	--	69.28	1.92	--	71.2
RW-3	9/1/22	3790.24	--	69.27	1.93	--	71.2
RW-3	9/9/22	3790.24	--	69.28	1.92	--	71.2
RW-3	9/16/22	3790.24	--	69.27	1.93	--	71.2
RW-3	9/23/22	3790.24	--	69.32	1.88	--	71.2
RW-3	10/14/22	3790.24	--	69.36	1.9	--	71.26
RW-3	10/21/22	3790.24	--	69.37	1.89	--	71.26
RW-3	11/8/22	3790.24	--	69.44	1.82	--	71.26
RW-3	11/18/22	3790.24	--	69.42	1.84	--	71.26

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**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-3	11/21/22	3790.24	--	69.44	1.82	--	71.26
RW-3	12/2/22	3790.24	--	69.71	1.55	--	71.26
RW-3	12/9/22	3790.24	71.29	69.46	1.83	--	71.26
RW-3	12/15/22	3790.24	71.24	69.53	1.71	--	71.26
RW-3	1/13/23	3790.24	71.18	69.51	1.67	--	71.26
RW-3	2/9/23	3790.24	--	69.59	1.6	--	71.19
RW-3	3/21/23	3790.24	71.17	69.75	1.42	--	71.19
RW-3	4/13/23	3790.24	71.19	69.66	1.53	--	71.19
RW-3	4/20/23	3790.24	71.17	69.71	1.46	--	71.19
RW-3	5/4/23	3790.24	--	69.72	1.47	--	71.19
RW-3	5/18/23	3790.24	71.18	69.77	1.41	3720.202	71.19
RW-3	5/30/23	3790.24	71.18	69.79	1.39	3720.186	71.19
RW-3	6/15/23	3790.24	71.17	69.7	1.47	3720.261	71.19
RW-3	6/23/23	3790.24	71.17	69.85	1.32	3720.139	71.19
RW-3	7/6/23	3790.24	71.17	69.62	1.55	3720.325	71.19
RW-3	7/24/23	3790.24	--	69.91	1.29	--	71.2
RW-3	8/3/23	3790.24	71.22	69.92	1.3	3720.073	--
RW-3	8/8/23	3790.24	71.19	69.92	1.27	3720.079	71.19
RW-3	8/31/23	3790.24	--	69.96	1.18	--	--
RW-3	9/7/23	3790.24	--	69.99	1.15	--	71.74
RW-3	9/14/23	3790.24	71.18	70.03	1.15	3719.991	--
RW-3	9/22/23	3790.24	--	70.11	1.08	--	71.19
RW-3	10/5/23	3790.24	--	69.97	1.17	--	71.14
RW-3	10/12/23	3790.24	71.13	69.59	1.24	3720.115	--
RW-3	10/19/23	3790.24	--	69.92	1.23	--	71.15
RW-3	10/23/23	3790.24	--	70.1	1.05	--	71.15
RW-3	11/2/23	3790.24	--	69.89	1.29	--	71.18
RW-3	11/7/23	3790.24	--	70.11	1.08	--	71.19
RW-3	12/7/23	3790.24	--	69.89	1.29	--	71.18
RW-3	1/4/24	3790.24	--	69.91	1.27	--	71.18
RW-3	1/11/24	3790.24	--	69.9	1.28	--	71.18
RW-3	1/18/24	3790.24	--	69.89	1.29	--	71.18
RW-3	1/25/24	3790.24	--	69.91	1.27	--	71.18
RW-3	2/9/24	3790.24	71.17	70.28	0.89	3719.791	71.19
RW-3	5/8/24	3790.24	71.15	70.41	0.74	3719.689	--
RW-3	8/7/24	3790.24	71.1	70.62	0.48	3719.529	74.65
RW-3	11/5/24	3790.24	71.15	70.78	0.37	3719.39	71.3
RW-3	11/5/24	3790.24	71.15	70.78	0.37	3719.39	71.3
RW-4R	1/25/21	3789.19	--	--	--	--	--
RW-4R	2/8/21	3789.19	71.77	67.74	4.03	3720.684	90.31
RW-4R	3/22/21	3789.19	--	--	--	--	--
RW-4R	4/26/21	3789.19	--	--	--	--	--
RW-4R	5/10/21	3789.19	71.58	68.03	3.55	3720.486	--
RW-4R	7/28/21	3789.19	--	--	--	--	--
RW-4R	8/9/21	3789.19	72.25	68.28	3.97	3720.156	--
RW-4R	9/29/21	3789.19	72.46	68.18	4.28	3720.197	90.31
RW-4R	10/26/21	3789.19	72.46	68.19	4.27	3720.189	90.31
RW-4R	11/9/21	3789.19	73.73	68.22	5.51	3719.923	90.31
RW-4R	12/21/21	3789.19	--	--	--	--	90.31
RW-4R	1/24/22	3789.19	--	--	--	--	90.31
RW-4R	2/8/22	3789.19	74.33	68.42	5.91	3719.647	--
RW-4R	3/14/22	3789.19	74.89	68.47	6.42	3719.5	90.26
RW-4R	4/12/22	3789.19	--	--	--	--	90.26
RW-4R	5/3/22	3789.19	74.3	68.58	5.72	3719.523	90.26
RW-4R	6/14/22	3789.19	--	--	--	--	90.26
RW-4R	7/27/22	3789.19	--	--	--	--	90.26
RW-4R	8/16/22	3789.19	--	--	--	--	90.26
RW-4R	11/8/22	3789.19	75.28	68.98	6.3	3719.013	90.26

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-4R	2/9/23	3789.19	75.53	68.98	6.55	3718.966	90.26
RW-4R	5/4/23	3789.19	75.48	69.35	6.13	3718.675	90.03
RW-4R	8/8/23	3789.19	75.1	69.64	5.46	3718.513	90.03
RW-4R	11/7/23	3789.19	75.62	69.83	5.79	3718.26	--
RW-4R	2/9/24	3789.19	75.36	70.08	5.28	3718.107	90.03
RW-4R	5/8/24	3789.19	76.02	70.12	5.9	3717.949	--
RW-4R	8/7/24	3789.19	73.34	70.92	2.42	3717.81	90.13
RW-4R	11/5/24	3789.19	76.44	70.64	5.8	3717.448	92.39
RW-5	1/25/21	3789.81	--	68.07	3.63	--	71.7
RW-5	2/8/21	3789.81	--	68.01	3.67	--	71.68
RW-5	3/22/21	3789.81	--	68.17	3.42	--	71.59
RW-5	4/26/21	3789.81	71.7	68.21	3.49	3720.937	--
RW-5	5/10/21	3789.81	--	68.27	3.35	--	71.62
RW-5	7/28/21	3789.81	71.53	68.45	3.08	3720.775	--
RW-5	8/9/21	3789.81	71.57	68.47	3.1	3720.751	--
RW-5	9/29/21	3789.81	71.65	68.57	3.08	3720.655	71.68
RW-5	10/26/21	3789.81	--	68.6	3.08	--	71.68
RW-5	11/9/21	3789.81	71.61	68.65	2.96	3720.598	71.68
RW-5	12/21/21	3789.81	--	--	--	--	71.68
RW-5	1/24/22	3789.81	71.61	68.81	2.8	3720.468	71.68
RW-5	2/8/22	3789.81	71.61	68.84	2.77	3720.444	--
RW-5	3/7/22	3789.81	71.61	68.93	2.68	3720.371	--
RW-5	3/14/22	3789.81	71.66	69.07	2.59	3720.248	71.78
RW-5	3/21/22	3789.81	71.66	68.98	2.68	3720.321	71.78
RW-5	3/28/22	3789.81	71.61	69.08	2.53	3720.249	71.78
RW-5	4/4/22	3789.81	71.01	68.62	2.39	3720.736	71.78
RW-5	4/12/22	3789.81	71.73	69.28	2.45	3720.064	71.78
RW-5	4/18/22	3789.81	71.26	69.28	1.98	3720.154	71.78
RW-5	4/25/22	3789.81	71.64	69.39	2.25	3719.992	71.78
RW-5	5/3/22	3789.81	71.61	69.22	2.39	3720.136	71.78
RW-5	5/9/22	3789.81	71.61	69.26	2.35	3720.104	71.78
RW-5	5/23/22	3789.81	71.65	69.17	2.48	3720.169	71.78
RW-5	6/3/22	3789.81	71.56	69.24	2.32	3720.129	71.78
RW-5	6/10/22	3789.81	71.57	69.19	2.38	3720.168	71.78
RW-5	6/14/22	3789.81	71.59	69.7	1.89	3719.751	71.78
RW-5	6/27/22	3789.81	71.64	69.47	2.17	3719.928	71.78
RW-5	7/5/22	3789.81	71.13	69.34	1.79	3720.13	71.78
RW-5	7/22/22	3789.81	71.04	69.33	1.71	3720.155	71.78
RW-5	7/27/22	3789.81	71.61	69.42	2.19	3719.974	71.78
RW-5	8/4/22	3789.81	71.62	69.32	2.3	3720.053	71.78
RW-5	8/16/22	3789.81	71.48	69.41	2.07	3720.007	71.78
RW-5	9/1/22	3789.81	--	69.41	2.37	--	71.78
RW-5	9/9/22	3789.81	71.65	69.42	2.23	3719.966	71.78
RW-5	9/16/22	3789.81	71.62	69.44	2.18	3719.956	71.78
RW-5	9/23/22	3789.81	71.66	69.5	2.16	3719.9	71.78
RW-5	10/14/22	3789.81	71.62	69.46	2.16	3719.94	71.78
RW-5	10/21/22	3789.81	71.65	69.52	2.13	3719.885	71.78
RW-5	11/8/22	3789.81	71.68	69.58	2.1	3719.831	71.78
RW-5	11/18/22	3789.81	71.68	69.58	2.1	3719.831	71.78
RW-5	11/21/22	3789.81	71.62	70.14	1.48	3719.389	71.78
RW-5	12/2/22	3789.81	71.66	69.63	2.03	3719.794	71.78
RW-5	12/9/22	3789.81	71.66	69.61	2.05	3719.811	71.78
RW-5	12/15/22	3789.81	71.93	69.81	2.12	3719.597	71.78
RW-5	1/13/23	3789.81	71.64	69.64	2	3719.79	71.78
RW-5	2/9/23	3789.81	71.61	69.7	1.91	3719.747	71.78
RW-5	3/21/23	3789.81	71.12	69.84	1.28	3719.727	71.78
RW-5	4/13/23	3789.81	71.62	69.81	1.81	3719.656	71.78
RW-5	4/20/23	3789.81	71.66	69.82	1.84	3719.64	71.78



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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-5	5/4/23	3789.81	71.64	69.82	1.82	3719.644	72.08
RW-5	5/18/23	3789.81	71.63	69.84	1.79	3719.63	72.08
RW-5	5/30/23	3789.81	71.63	69.87	1.76	3719.606	72.08
RW-5	6/15/23	3789.81	71.66	69.7	1.96	3719.738	72.08
RW-5	6/23/23	3789.81	71.66	69.91	1.75	3719.567	72.08
RW-5	7/6/23	3789.81	71.61	69.84	1.77	3719.634	72.08
RW-5	8/3/23	3789.81	71.91	69.95	1.96	3719.488	--
RW-5	8/8/23	3789.81	71.92	69.99	1.93	3719.453	72.08
RW-5	8/31/23	3789.81	71.9	70.05	1.85	3719.408	--
RW-5	9/7/23	3789.81	71.91	70.1	1.81	3719.366	--
RW-5	9/14/23	3789.81	71.86	70.09	1.77	3719.384	--
RW-5	9/22/23	3789.81	71.68	70.12	1.56	3719.394	--
RW-5	10/5/23	3789.81	71.93	70.16	1.77	3719.314	--
RW-5	10/12/23	3789.81	71.88	70.13	1.75	3719.347	--
RW-5	10/19/23	3789.81	71.91	70.11	1.8	3719.358	--
RW-5	10/23/23	3789.81	71.65	70.16	1.49	3719.367	--
RW-5	11/2/23	3789.81	71.89	70.13	1.76	3719.346	--
RW-5	11/7/23	3789.81	71.66	70.19	1.47	3719.341	--
RW-5	12/7/23	3789.81	71.81	70.11	1.7	3719.377	--
RW-5	1/4/24	3789.81	71.82	70.11	1.71	3719.375	--
RW-5	1/11/24	3789.81	71.79	70.11	1.68	3719.381	--
RW-5	1/18/24	3789.81	71.81	70.11	1.7	3719.377	--
RW-5	1/25/24	3789.81	71.8	70.08	1.72	3719.403	--
RW-5	2/9/24	3789.81	71.63	70.35	1.28	3719.217	72.08
RW-5	5/8/24	3789.81	71.62	70.52	1.1	3719.081	--
RW-5	8/7/24	3789.81	71.64	70.72	0.92	3718.915	72.23
RW-5	11/5/24	3789.81	71.74	71	0.74	3718.669	74.15
RW-6	1/25/21	3789.56	--	67.4	3.45	--	70.85
RW-6	2/8/21	3789.56	--	67.42	3.58	--	71
RW-6	3/22/21	3789.56	--	67.52	1.21	--	68.73
RW-6	4/26/21	3789.56	--	67.5	1.23	--	68.73
RW-6	5/10/21	3789.56	--	67.62	1.09	--	68.71
RW-6	7/28/21	3789.56	--	67.82	0.89	--	68.71
RW-6	8/9/21	3789.56	--	68.11	0.94	--	69.05
RW-6	9/29/21	3789.56	--	68.23	2.77	--	71
RW-6	10/26/21	3789.56	--	68.23	2.77	--	71
RW-6	11/9/21	3789.56	--	68.27	2.73	--	71
RW-6	12/21/21	3789.56	--	68.12	2.88	--	71
RW-6	1/24/22	3789.56	--	68.18	2.82	--	71
RW-6	2/8/22	3789.56	--	68.46	2.56	--	71.02
RW-6	3/7/22	3789.56	--	68.28	2.74	--	71.02
RW-6	3/14/22	3789.56	--	67.32	3.7	--	71.02
RW-6	3/21/22	3789.56	--	68.58	2.44	--	71.02
RW-6	3/28/22	3789.56	--	68.6	0.37	--	68.97
RW-6	4/4/22	3789.56	--	69.24	1.78	--	71.02
RW-6	4/12/22	3789.56	--	68.4	2.62	--	71.02
RW-6	4/18/22	3789.56	--	68.4	2.62	--	71.02
RW-6	4/25/22	3789.56	--	68.69	2.33	--	71.02
RW-6	5/3/22	3789.56	68.98	68.65	0.33	3720.847	71.02
RW-6	5/9/22	3789.56	68.98	68	0.98	3721.374	71.02
RW-6	6/14/22	3789.56	68.97	68.79	0.18	3720.736	71.02
RW-6	7/27/22	3789.56	71.3	68.86	2.44	3720.236	71.02
RW-6	8/4/22	3789.56	71.67	68.87	2.8	3720.158	71.02
RW-6	8/16/22	3789.56	--	--	--	--	71.02
RW-6	11/8/22	3789.56	--	69.1	1.92	--	71.02
RW-6	12/9/22	3789.56	71.32	69.13	2.19	--	71.02
RW-6	12/9/22	3789.56	--	69.16	1.86	--	71.02
RW-6	2/9/23	3789.56	--	--	--	--	69.69

**Summary of Groundwater Gauging and Elevation Data (2021-2024)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-6	3/21/23	3789.56	--	--	--	--	69.69
RW-6	4/13/23	3789.56	--	--	--	--	69.69
RW-6	5/4/23	3789.56	--	--	--	--	68.98
RW-6	5/18/23	3789.56	--	--	--	--	68.98
RW-6	5/30/23	3789.56	--	--	--	--	68.98
RW-6	6/15/23	3789.56	--	--	--	--	68.98
RW-6	6/23/23	3789.56	--	--	--	--	68.98
RW-6	7/6/23	3789.56	--	--	--	--	68.98
RW-6	8/3/23	3789.56	71.26	69.57	1.69	3719.669	--
RW-6	8/8/23	3789.56	--	--	--	--	68.17
RW-6	8/31/23	--	--	--	--	--	--
RW-6	9/7/23	--	--	--	--	--	--
RW-6	9/14/23	--	--	--	--	--	--
RW-6	9/22/23	--	--	--	--	--	--
RW-6	10/5/23	--	--	--	--	--	--
RW-6	10/12/23	--	--	--	--	--	--
RW-6	10/19/23	--	--	--	--	--	--
RW-6	10/23/23	--	--	--	--	--	--
RW-6	11/2/23	--	--	--	--	--	--
RW-6	11/7/23	--	--	--	--	--	--
RW-6	1/4/24	--	--	--	--	--	--
RW-6	1/11/24	--	--	--	--	--	--
RW-6	1/18/24	--	--	--	--	--	--
RW-6	1/25/24	--	--	--	--	--	--
RW-6	2/9/24	3789.56	--	--	--	--	68.98
RW-6	5/8/24	3789.56	--	--	--	--	70.11
RW-6	8/7/24	3789.56	--	70.05	--	--	74.55
RW-6	11/5/24	3789.56	--	70.56	--	--	72.84
RW-7R	1/25/21	3789.9	72.64	68.28	4.36	3720.792	--
RW-7R	2/8/21	3789.9	72.72	68.3	4.42	3720.76	81.24
RW-7R	3/22/21	3789.9	--	--	--	--	--
RW-7R	4/26/21	3789.9	--	--	--	--	--
RW-7R	5/10/21	3789.9	69.07	69.02	0.05	3720.871	--
RW-7R	7/28/21	3789.9	71.04	69.09	1.95	3720.439	--
RW-7R	8/9/21	3789.9	71.23	69.08	2.15	3720.412	--
RW-7R	9/29/21	3789.9	71.8	69.1	2.7	3720.287	81.24
RW-7R	10/26/21	3789.9	71.84	69.14	2.7	3720.247	81.24
RW-7R	11/9/21	3789.9	72.11	69.1	3.01	3720.228	81.24
RW-7R	12/21/21	3789.9	71.96	69.28	2.68	3720.111	81.24
RW-7R	1/24/22	3789.9	72.62	69.33	3.29	3719.945	81.24
RW-7R	2/8/22	3789.9	72.65	69.21	3.44	3720.036	--
RW-7R	3/7/22	3789.9	72.78	69.28	3.5	3719.955	--
RW-7R	3/14/22	3789.9	71.19	69.68	1.51	3719.933	81.18
RW-7R	3/21/22	3789.9	71.78	69.63	2.15	3719.862	81.18
RW-7R	3/28/22	3789.9	70.7	69.82	0.88	3719.913	81.18
RW-7R	4/4/22	3789.9	70.76	69.78	0.98	3719.934	81.18
RW-7R	4/12/22	3789.9	70.89	69.8	1.09	3719.893	81.18
RW-7R	4/18/22	3789.9	70.51	69.82	0.69	3719.949	81.18
RW-7R	5/3/22	3789.9	71.16	69.76	1.4	3719.874	81.18
RW-7R	5/9/22	3789.9	71.18	69.78	1.4	3719.854	81.18
RW-7R	6/14/22	3789.9	71.52	69.8	1.72	3719.773	81.18
RW-7R	6/27/22	3789.9	71.59	69.82	1.77	3719.744	81.18
RW-7R	7/5/22	3789.9	70.53	70.05	0.48	3719.759	81.18
RW-7R	7/22/22	3789.9	70.72	70.51	0.21	3719.35	81.18
RW-7R	7/28/22	3789.9	70.77	70.07	0.7	3719.697	81.18
RW-7R	8/16/22	3789.9	71	70.11	0.89	3719.621	81.18
RW-7R	11/8/22	3789.9	71.63	70.2	1.43	3719.428	81.18
RW-7R	12/9/22	3789.9	71.79	70.18	1.61	3719.414	81.18

**Summary of Groundwater Gauging and Elevation Data (2021-2024)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-7R	12/15/22	3789.9	71.02	69.47	1.55	3720.135	81.18
RW-7R	1/13/23	3789.9	70.8	70.47	0.33	3719.367	81.18
RW-7R	2/9/23	3789.9	70.85	70.6	0.25	3719.252	81.18
RW-7R	3/21/23	3789.9	71.15	70.7	0.45	3719.115	81.18
RW-7R	4/13/23	3789.9	71.31	70.75	0.56	3719.044	81.18
RW-7R	4/20/23	3789.9	70.91	70.73	0.18	3719.136	81.18
RW-7R	5/4/23	3789.9	71.93	70.76	1.17	3718.918	81.14
RW-7R	5/18/23	3789.9	71.13	70.75	0.38	3719.078	81.14
RW-7R	5/30/23	3789.9	71.33	70.78	0.55	3719.015	81.14
RW-7R	6/15/23	3789.9	71.32	70.78	0.54	3719.017	81.14
RW-7R	6/23/23	3789.9	71.42	70.81	0.61	3718.974	81.14
RW-7R	7/6/23	3789.9	71.26	70.77	0.49	3719.037	81.14
RW-7R	8/3/23	3789.9	71.37	70.91	0.46	3718.903	--
RW-7R	8/8/23	3789.9	71.41	70.93	0.48	3718.879	81.14
RW-7R	8/31/23	3789.9	71.54	70.97	0.57	3718.822	--
RW-7R	9/7/23	3789.9	71.59	71.02	0.57	3718.772	--
RW-7R	9/14/23	3789.9	71.62	71.11	0.51	3718.693	--
RW-7R	9/22/23	3789.9	71.68	71.05	0.63	3718.73	--
RW-7R	10/5/23	3789.9	71.58	71.08	0.5	3718.725	--
RW-7R	10/12/23	3789.9	71.52	71.06	0.46	3718.753	--
RW-7R	10/19/23	3789.9	71.54	71.06	0.48	3718.749	--
RW-7R	10/23/23	3789.9	71.8	71.06	0.74	3718.699	--
RW-7R	11/2/23	3789.9	71.51	71.09	0.42	3718.73	--
RW-7R	11/7/23	3789.9	71.84	71.09	0.75	3718.667	--
RW-7R	12/7/23	3789.9	71.55	71.1	0.45	3718.715	--
RW-7R	1/4/24	3789.9	71.55	71.12	0.43	3718.698	--
RW-7R	1/11/24	3789.9	71.56	71.11	0.45	3718.705	--
RW-7R	1/18/24	3789.9	71.55	71.1	0.45	3718.715	--
RW-7R	1/25/24	3789.9	71.54	71.14	0.4	3718.684	--
RW-7R	2/9/24	3789.9	72.14	71.23	0.91	3718.497	81.14
RW-7R	5/8/24	3789.9	72.4	71.38	1.02	3718.326	--
RW-7R	8/7/24	3789.9	72.7	71.6	1.1	3718.091	81.38
RW-7R	11/5/24	3789.9	73.15	71.88	1.27	3717.779	83.4
RW-8	1/25/21	3790.01	74.39	67.61	6.78	3721.112	--
RW-8	2/8/21	3790.01	74.41	67.68	6.73	3721.051	82.81
RW-8	3/21/21	3790.01	69.88	69.6	0.28	3720.357	82.71
RW-8	3/22/21	3790.01	--	--	--	--	--
RW-8	4/26/21	3790.01	--	--	--	--	--
RW-8	5/10/21	3790.01	70.19	68.76	1.43	3720.978	--
RW-8	7/28/21	3790.01	--	--	--	--	--
RW-8	8/9/21	3790.01	70.23	68.98	1.25	3720.792	--
RW-8	9/29/21	3790.01	70.18	68.91	1.27	3720.859	82.81
RW-8	10/26/21	3790.01	70.19	68.91	1.28	3720.857	82.81
RW-8	11/9/21	3790.01	70.88	69.25	1.63	3720.45	82.81
RW-8	12/21/21	3790.01	72.05	68.93	3.12	3720.487	82.81
RW-8	1/24/22	3790.01	73.44	68.74	4.7	3720.377	82.81
RW-8	2/8/22	3790.01	74.87	68.67	6.2	3720.162	--
RW-8	3/7/22	3790.01	74.4	68.6	5.8	3720.308	--
RW-8	3/14/22	3790.01	71.54	69.3	2.24	3720.284	82.71
RW-8	3/21/22	3790.01	71.93	69.2	2.73	3720.291	82.71
RW-8	3/28/22	3790.01	70.02	69.62	0.4	3720.314	82.71
RW-8	4/4/22	3790.01	70.42	69.57	0.85	3720.279	82.71
RW-8	4/12/22	3790.01	70.83	69.5	1.33	3720.257	82.71
RW-8	4/18/22	3790.01	70.86	69.5	1.36	3720.252	82.71
RW-8	5/3/22	3790.01	72.11	69.33	2.78	3720.152	82.71
RW-8	5/9/22	3790.01	72.11	69.33	2.78	3720.152	82.71
RW-8	5/23/22	3790.01	72.69	69.27	3.42	3720.09	82.71
RW-8	6/3/22	3790.01	71.15	69.57	1.58	3720.14	82.71

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**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-8	6/10/22	3790.01	71.44	69.47	1.97	3720.166	82.71
RW-8	6/14/22	3790.01	70.94	69.62	1.32	3720.139	82.71
RW-8	6/27/22	3790.01	70.98	69.66	1.32	3720.099	82.71
RW-8	7/5/22	3790.01	70.55	69.78	0.77	3720.084	82.71
RW-8	7/22/22	3790.01	71.4	69.6	1.8	3720.068	82.71
RW-8	7/27/22	3790.01	70.72	69.74	0.98	3720.084	82.71
RW-8	8/16/22	3790.01	72.05	69.59	2.46	3719.953	82.71
RW-8	9/1/22	3790.01	72.41	69.51	2.9	3719.949	82.71
RW-8	9/9/22	3790.01	71.41	69.71	1.7	3719.977	82.71
RW-8	9/16/22	3790.01	71.04	69.81	1.23	3719.966	82.71
RW-8	9/23/22	3790.01	70.72	69.89	0.83	3719.962	82.71
RW-8	10/14/22	3790.01	71.43	69.79	1.64	3719.908	82.71
RW-8	10/21/22	3790.01	70.69	69.97	0.72	3719.903	82.71
RW-8	11/8/22	3790.01	71.05	70.19	0.86	3719.656	82.71
RW-8	11/18/22	3790.01	71.14	69.97	1.17	3719.818	82.71
RW-8	11/21/22	3790.01	70.58	70.08	0.5	3719.835	82.71
RW-8	12/2/22	3790.01	70.82	70.11	0.71	3719.765	82.71
RW-8	12/9/22	3790.01	70.58	70.13	0.45	3719.794	82.71
RW-8	12/15/22	3790.01	70.63	70.21	0.42	3719.72	82.71
RW-8	1/13/23	3790.01	71.33	70.04	1.29	3719.725	82.71
RW-8	2/9/23	3790.01	71.23	70.18	1.05	3719.631	82.71
RW-8	3/21/23	3790.01	71.25	70.32	0.93	3719.513	82.71
RW-8	4/13/23	3790.01	70.68	70.23	0.45	3719.695	82.71
RW-8	4/20/23	3790.01	70.86	70.47	0.39	3719.466	82.71
RW-8	5/4/23	3790.01	71.03	70.43	0.6	3719.466	82.4
RW-8	5/18/23	3790.01	71.29	70.48	0.81	3719.376	82.4
RW-8	5/30/23	3790.01	70.68	70.23	0.45	3719.695	82.4
RW-8	6/15/23	3790.01	70.69	70.2	0.49	3719.717	82.4
RW-8	6/23/23	3790.01	71.76	70.41	1.35	3719.344	82.4
RW-8	7/6/23	3790.01	70.68	70.26	0.42	3719.67	82.4
RW-8	8/3/23	3790.04	71.78	70.49	1.29	3719.305	--
RW-8	8/8/23	3790.01	71.88	70.53	1.35	3719.223	--
RW-8	8/31/23	3790.04	72.29	70.5	1.79	3719.2	--
RW-8	9/7/23	3790.04	72.39	70.52	1.87	3719.165	--
RW-8	9/14/23	3790.04	72.57	70.49	2.08	3719.155	--
RW-8	9/22/23	3790.04	72.67	70.57	2.1	3719.071	--
RW-8	10/5/23	3790.04	72.38	70.51	1.87	3719.175	--
RW-8	10/12/23	3790.04	72.38	70.52	1.86	3719.167	--
RW-8	10/19/23	3790.04	72.41	70.55	1.86	3719.137	--
RW-8	10/23/23	3790.04	73.09	70.46	2.63	3719.08	--
RW-8	11/2/23	3790.04	72.39	70.52	1.87	3719.165	--
RW-8	11/7/23	3790.04	73.28	70.49	2.79	3719.02	--
RW-8	12/7/23	3790.04	72.39	70.53	1.86	3719.156	--
RW-8	1/4/24	3790.04	72.38	70.51	1.87	3719.175	--
RW-8	1/11/24	3790.04	72.37	70.52	1.85	3719.168	--
RW-8	1/18/24	3790.04	72.39	70.53	1.86	3719.156	--
RW-8	1/25/24	3790.04	72.41	70.59	1.82	3719.104	--
RW-8	2/9/24	3790.01	74.65	70.39	4.26	3718.811	82.4
RW-8	5/8/24	3790.01	75.52	70.43	5.09	3718.613	--
RW-8	8/7/24	3790.01	76.21	70.57	5.64	3718.368	86.85
RW-8	11/5/24	3790.01	76.81	70.8	6.01	3718.068	86.83
RW-9	1/25/21	3790	70.18	69	1.18	3720.776	--
RW-9	2/8/21	3790	70.22	69.02	1.2	3720.752	82.65
RW-9	3/22/21	3790	70.33	69.12	1.21	3720.65	--
RW-9	4/26/21	3790	70.45	69.15	1.3	3720.603	--
RW-9	5/10/21	3790	70.5	69.19	1.31	3720.561	--
RW-9	7/28/21	3790	70.77	69.33	1.44	3720.396	--
RW-9	8/9/21	3790	70.8	69.73	1.07	3720.067	--

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-9	9/29/21	3790	71.05	69.43	1.62	3720.262	82.65
RW-9	10/26/21	3790	71.04	69.45	1.59	3720.248	82.65
RW-9	11/9/21	3790	71.18	69.46	1.72	3720.213	82.65
RW-9	12/21/21	3790	71.14	69.57	1.57	3720.132	82.65
RW-9	1/24/22	3790	71.47	69.6	1.87	3720.045	82.65
RW-9	2/8/22	3790	71.51	69.62	1.89	3720.021	--
RW-9	3/10/22	3790	71.64	69.71	1.93	3719.923	--
RW-9	4/12/22	3790	70.6	69.95	0.65	3719.927	87.48
RW-9	5/3/22	3790	71.13	70.03	1.1	3719.761	87.48
RW-9	6/14/22	3790	71.25	70.03	1.22	3719.738	87.48
RW-9	6/27/22	3790	71.32	70.02	1.3	3719.733	87.48
RW-9	7/5/22	3790	70.87	70.19	0.68	3719.681	87.48
RW-9	7/27/22	3790	70.96	70.17	0.79	3719.68	87.48
RW-9	8/16/22	3790	71.13	70.24	0.89	3719.591	87.48
RW-9	11/8/22	3790	71.25	70.56	0.69	3719.309	87.48
RW-9	12/9/22	3790	71.49	70.4	1.09	3719.393	87.48
RW-9	12/15/22	3790	70.91	70.63	0.28	3719.317	87.48
RW-9	1/13/23	3790	70.77	70.63	0.14	3719.344	87.48
RW-9	2/6/23	3790	70.81	70.69	0.12	3719.287	87.48
RW-9	3/21/23	3790	71.23	69.93	1.3	3719.823	87.48
RW-9	4/13/23	3790	70.98	70.9	0.08	3719.085	87.48
RW-9	4/20/23	3790	71.02	70.85	0.17	3719.118	87.48
RW-9	5/4/23	3790	71.01	70.9	0.11	3719.079	87.52
RW-9	5/18/23	3790	71.01	70.93	0.08	3719.055	87.52
RW-9	5/30/23	3790	70.99	70.93	0.06	3719.059	87.52
RW-9	6/15/23	3790	70.96	70.91	0.05	3719.081	87.52
RW-9	6/23/23	3790	70.12	70.04	0.08	3719.945	87.52
RW-9	7/6/23	3790	70.94	70.87	0.07	3719.117	87.52
RW-9	8/3/23	--	--	--	--	--	--
RW-9	8/8/23	3790	72	71.11	0.89	3718.721	87.52
RW-9	8/31/23	3790	71.25	71.2	0.05	3718.791	--
RW-9	9/7/23	3790	71.26	71.22	0.04	3718.772	--
RW-9	9/14/23	3790	71.3	71.24	0.06	3718.749	--
RW-9	9/22/23	3790	71.31	71.26	0.05	3718.73	--
RW-9	10/5/23	3790	71.28	71.2	0.08	3718.785	--
RW-9	10/12/23	3790	71.27	71.21	0.06	3718.779	--
RW-9	10/19/23	3790	71.29	71.24	0.05	3718.75	--
RW-9	10/23/23	3790	71.38	71.29	0.09	3718.693	--
RW-9	11/2/23	3790	71.27	71.22	0.05	3718.771	--
RW-9	11/7/23	3790	71.38	71.32	0.06	3718.669	--
RW-9	12/7/23	3790	71.31	71.3	0.01	3718.698	--
RW-9	1/4/24	3790	71.32	71.31	0.01	3718.688	--
RW-9	1/11/24	3790	71.33	71.29	0.04	3718.702	--
RW-9	1/18/24	3790	71.31	71.3	0.01	3718.698	--
RW-9	1/25/24	3790	71.31	71.3	0.01	3718.698	--
RW-9	2/9/24	3790	71.62	71.51	0.11	3718.469	87.52
RW-9	5/8/24	3790	71.8	71.67	0.13	3718.305	--
RW-9	8/7/24	3790	72.02	71.92	0.1	3718.061	85.2
RW-9	11/5/24	3790	72.3	72.18	0.12	3717.797	84.43
RW-10	1/25/21	3789.56	--	--	--	--	--
RW-10	2/8/21	3789.56	70.33	68.43	1.9	3720.769	82.45
RW-10	3/22/21	3789.56	73.97	67.81	6.16	3720.58	--
RW-10	4/26/21	3789.56	74.16	67.83	6.33	3720.527	--
RW-10	5/10/21	3789.56	74.21	67.87	6.34	3720.485	--
RW-10	7/28/21	3789.56	--	--	--	--	--
RW-10	8/9/21	3789.56	70.34	68.28	2.06	3720.889	--
RW-10	9/29/21	3789.56	70.7	68.96	1.74	3720.269	82.45
RW-10	10/26/21	3789.56	70.7	68.96	1.74	3720.269	82.45

**Summary of Groundwater Gauging and Elevation Data (2021-2024)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-10	11/9/21	3789.56	71.27	68.9	2.37	3720.21	82.45
RW-10	12/21/21	3789.56	70.81	69.11	1.7	3720.127	82.45
RW-10	1/24/22	3789.56	--	--	--	--	82.45
RW-10	2/8/22	3789.56	74.24	68.62	5.62	3719.872	--
RW-10	3/14/22	3789.56	73.88	68.84	5.04	3719.762	82.44
RW-10	4/12/22	3789.56	--	--	--	--	82.44
RW-10	5/3/22	3789.56	71.35	69.34	2.01	3719.838	82.44
RW-10	6/14/22	3789.56	--	--	--	--	82.44
RW-10	7/27/22	3789.56	--	--	--	--	82.44
RW-10	8/16/22	3789.56	--	--	--	--	82.44
RW-10	11/8/22	3789.56	76.15	68.68	7.47	3719.461	82.44
RW-10	2/9/23	3789.56	75.79	69.54	6.25	3718.833	82.44
RW-10	5/4/23	3789.56	74.62	69.76	4.86	3718.877	82.95
RW-10	8/8/23	3789.56	72.38	70.39	1.99	3718.792	--
RW-10	11/7/23	3789.56	72.89	70.57	2.32	3718.549	--
RW-10	2/9/24	3789.56	73	70.69	2.31	3718.431	82.95
RW-10	5/8/24	3789.56	73.35	70.82	2.53	3718.259	--
RW-10	8/7/24	3789.56	72.68	71.29	1.39	3718.006	85.12
RW-10	11/5/24	3789.56	72.89	71.54	1.35	3717.763	83.77
RW-11	1/25/21	3789.77	68.94	--	--	3720.83	--
RW-11	2/8/21	3789.77	68.98	--	--	3720.79	85.43
RW-11	3/22/21	3789.77	69.11	69.05	0.06	3720.708	--
RW-11	4/26/21	3789.77	69.18	69.11	0.07	3720.647	--
RW-11	5/10/21	3789.77	69.21	69.14	0.07	3720.617	--
RW-11	7/28/21	3789.77	69.4	69.3	0.1	3720.451	--
RW-11	8/9/21	3789.77	69.48	69.32	0.16	3720.42	--
RW-11	9/29/21	3789.77	69.62	69.45	0.17	3720.288	85.43
RW-11	10/26/21	3789.77	69.62	69.45	0.17	3720.288	85.43
RW-11	11/9/21	3789.77	69.68	69.47	0.21	3720.26	85.43
RW-11	12/21/21	3789.77	69.77	69.56	0.21	3720.17	85.43
RW-11	1/24/22	3789.77	69.89	69.66	0.23	3720.066	85.43
RW-11	2/8/22	3789.77	69.88	69.65	0.23	3720.076	--
RW-11	3/10/22	3789.77	69.94	69.77	0.17	3719.968	--
RW-11	3/14/22	3789.77	69.92	69.8	0.12	3719.947	85.17
RW-11	4/12/22	3789.77	70	69.85	0.15	3719.892	85.17
RW-11	5/3/22	3789.77	70.09	69.95	0.14	3719.793	85.17
RW-11	6/14/22	3789.77	70.06	69.96	0.1	3719.791	85.17
RW-11	7/27/22	3789.77	70.16	70.05	0.11	3719.699	85.17
RW-11	8/16/22	3789.77	70.22	70.14	0.08	3719.615	85.17
RW-11	11/8/22	3789.77	70.42	70.31	0.11	3719.439	85.17
RW-11	2/6/23	3789.77	70.53	70.47	0.06	3719.289	85.17
RW-11	3/21/23	3789.77	71.02	69.74	1.28	3719.787	0.17
RW-11	4/13/23	3789.77	70.71	70.61	0.1	3719.141	85.17
RW-11	4/20/23	3789.77	70.76	70.67	0.09	3719.083	85.17
RW-11	5/4/23	3789.77	70.8	70.66	0.14	3719.083	85.15
RW-11	5/18/23	3789.77	70.76	70.7	0.06	3719.059	85.15
RW-11	5/30/23	3789.77	70.72	70.6	0.12	3719.147	85.15
RW-11	6/15/23	3789.77	70.72	70.63	0.09	3719.123	85.15
RW-11	6/23/23	3789.77	70.76	70.7	0.06	3719.059	85.15
RW-11	7/6/23	3789.77	70.76	70.63	0.13	3719.115	85.15
RW-11	8/3/23	3789.77	70.93	70.84	0.09	3718.913	--
RW-11	8/8/23	3789.77	70.96	70.87	0.09	3718.883	85.15
RW-11	8/31/23	3789.77	71	70.95	0.05	3718.811	--
RW-11	9/7/23	3789.77	71.03	70.98	0.05	3718.781	--
RW-11	9/14/23	3789.77	71.06	70.99	0.07	3718.767	--
RW-11	9/22/23	3789.77	71.11	71.02	0.09	3718.733	--
RW-11	10/5/23	3789.77	71.04	70.98	0.06	3718.779	--
RW-11	10/12/23	3789.77	71.15	70.88	0.27	3718.839	--

**Summary of Groundwater Gauging and Elevation Data (2021-2024)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-11	10/19/23	3789.77	71.1	70.91	0.19	3718.824	--
RW-11	10/23/23	3789.77	71.24	71.06	0.18	3718.676	--
RW-11	11/2/23	3789.77	71.11	70.88	0.23	3718.846	--
RW-11	11/7/23	3789.77	71.33	71.07	0.26	3718.651	--
RW-11	12/7/23	3789.77	71.1	70.9	0.2	3718.832	--
RW-11	1/4/24	3789.77	71.11	70.93	0.18	3718.806	--
RW-11	1/11/24	3789.77	71.11	70.89	0.22	3718.838	--
RW-11	1/18/24	3789.77	71.1	70.9	0.2	3718.832	--
RW-11	1/25/24	3789.77	71.16	70.1	1.06	3719.469	--
RW-11	2/9/24	3789.77	72.45	71.04	1.41	3718.462	85.15
RW-11	5/8/24	3789.77	73.91	70.94	2.97	3718.266	--
RW-11	8/7/24	3789.77	75.09	71.01	4.08	3717.985	88.3
RW-11	11/5/24	3789.77	75.69	71.18	4.51	3717.733	87.14
RW-12	1/25/21	3789.78	68.86	--	--	3720.92	--
RW-12	2/8/21	3789.78	68.9	--	--	3720.88	82.72
RW-12	3/22/21	3789.78	68.99	--	--	3720.79	--
RW-12	4/26/21	3789.78	69.05	--	--	3720.73	--
RW-12	5/10/21	3789.78	69.08	--	--	3720.7	--
RW-12	7/28/21	3789.78	69.24	--	--	3720.54	--
RW-12	8/9/21	3789.78	69.26	--	--	3720.52	83.57
RW-12	9/29/21	3789.78	69.39	--	--	3720.39	82.72
RW-12	10/26/21	3789.78	69.4	--	--	3720.38	82.72
RW-12	11/9/21	3789.78	69.44	--	--	3720.34	82.72
RW-12	12/21/21	3789.78	69.5	--	--	3720.28	82.72
RW-12	1/24/22	3789.78	69.62	--	--	3720.16	82.72
RW-12	2/8/22	3789.78	69.65	--	--	3720.13	83.28
RW-12	3/14/22	3789.78	69.71	--	--	3720.07	83.28
RW-12	4/12/22	3789.78	69.81	--	--	3719.97	83.28
RW-12	5/3/22	3789.78	69.8	--	--	3719.98	83.28
RW-12	6/14/22	3789.78	69.92	--	--	3719.86	83.28
RW-12	7/27/22	3789.78	69.99	--	--	3719.79	83.28
RW-12	8/16/22	3789.78	70.05	--	--	3719.73	83.28
RW-12	11/8/22	3789.78	70.3	--	--	3719.48	83.28
RW-12	2/6/23	3789.78	70.41	70.4	0.01	3719.378	83.28
RW-12	5/4/23	3789.78	70.65	70.59	0.06	3719.179	80.98
RW-12	6/23/23	3789.78	71.01	70.68	0.33	3719.037	--
RW-12	8/3/23	--	--	--	--	--	--
RW-12	8/8/23	3789.78	71.38	70.7	0.68	3718.951	83.28
RW-12	11/7/23	3789.78	73.13	70.29	2.84	3718.95	--
RW-12	2/9/24	3789.78	75.19	70.37	4.82	3718.494	83.28
RW-12	5/8/24	3789.78	--	--	--	--	--
RW-12	8/7/24	3789.78	76.43	71.67	4.76	3717.206	83.3
RW-12	11/5/24	3789.78	76.82	70.86	5.96	3717.788	82.87
RW-13	1/25/21	3788.61	--	--	--	--	--
RW-13	2/8/21	3788.61	70.06	67.21	2.85	3720.858	90.34
RW-13	3/22/21	3788.61	71.78	66.99	4.79	3720.71	--
RW-13	4/26/21	3788.61	72.78	66.84	5.94	3720.641	--
RW-13	5/10/21	3788.61	73.01	66.83	6.18	3720.606	--
RW-13	8/9/21	3788.61	70.31	67.78	2.53	3720.349	--
RW-13	9/29/21	3788.61	70.09	67.55	2.54	3720.577	90.34
RW-13	10/26/21	3788.61	71.02	67.6	3.42	3720.36	90.34
RW-13	11/9/21	3788.61	71.13	67.68	3.45	3720.274	90.34
RW-13	12/21/21	3788.61	--	--	--	--	90.34
RW-13	1/24/22	3788.61	--	--	--	--	90.34
RW-13	2/8/22	3788.61	72.46	67.61	4.85	3720.079	--
RW-13	3/14/22	3788.61	71.48	67.96	3.52	3719.981	90.18
RW-13	4/12/22	3788.61	--	--	--	--	90.18
RW-13	5/3/22	3788.61	70.3	68.42	1.88	3719.833	90.18

**Summary of Groundwater Gauging and Elevation Data (2021-2024)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-13	6/14/22	3788.61	--	--	--	--	90.18
RW-13	7/27/22	3788.61	--	--	--	--	90.18
RW-13	8/16/22	3788.61	--	--	--	--	90.18
RW-13	11/8/22	3788.61	74.16	68.02	6.14	3719.423	90.18
RW-13	2/9/23	3788.61	74.46	68.17	6.29	3719.245	90.18
RW-13	5/4/23	3788.61	73.45	68.6	4.85	3719.088	90.18
RW-13	8/8/23	3788.61	71.95	69.17	2.78	3718.912	90.18
RW-13	11/7/23	3788.61	73.63	69.09	4.54	3718.657	--
RW-13	2/9/24	3788.61	72.06	69.63	2.43	3718.518	90.18
RW-13	5/8/24	3788.61	71.98	69.84	2.14	3718.363	--
RW-13	8/7/24	3788.61	71.56	70.27	1.29	3718.095	93.5
RW-13	11/5/24	3788.61	71.85	70.51	1.34	3717.845	92.65
RW-14	1/25/21	3788.59	--	--	--	--	--
RW-14	2/8/21	3788.59	70.76	66.73	4.03	3721.094	90.35
RW-14	3/22/21	3788.59	--	--	--	--	--
RW-14	4/26/21	3788.59	--	--	--	--	--
RW-14	5/10/21	3788.59	71.13	66.91	4.22	3720.878	--
RW-14	7/28/21	3788.59	73.63	66.57	7.06	3720.679	--
RW-14	8/9/21	3788.59	73.88	63.77	10.11	3722.899	--
RW-14	9/29/21	3788.59	74	64.88	9.12	3721.977	--
RW-14	10/26/21	3788.59	74	66.71	7.29	3720.495	90.35
RW-14	11/9/21	3788.59	74.04	66.96	7.08	3720.285	90.35
RW-14	12/21/21	3788.59	--	--	--	--	90.35
RW-14	1/24/22	3788.59	--	--	--	--	90.35
RW-14	2/8/22	3788.59	73.53	67.33	6.2	3720.082	--
RW-14	3/14/22	3788.59	72.79	67.34	5.45	3720.215	90.15
RW-14	4/12/22	3788.59	--	--	--	--	90.15
RW-14	5/3/22	3788.59	71.1	67.95	3.15	3720.042	90.15
RW-14	6/14/22	3788.59	--	--	--	--	90.15
RW-14	7/27/22	3788.59	--	--	--	--	90.15
RW-14	8/16/22	3788.59	--	--	--	--	90.15
RW-14	11/8/22	3788.59	73.5	67.84	5.66	3719.675	90.15
RW-14	2/9/23	3788.59	74.63	67.82	6.81	3719.476	90.15
RW-14	3/21/23	3788.59	71.34	69.76	1.58	3718.53	90.15
RW-14	4/13/23	3788.59	--	--	--	--	90.15
RW-14	5/4/23	3788.59	--	--	--	--	--
RW-14	5/18/23	3788.59	75.08	68.17	6.91	3719.107	90.15
RW-14	5/30/23	3788.59	--	--	--	--	90.15
RW-14	6/15/23	3788.59	--	--	--	--	90.15
RW-14	6/23/23	3788.59	--	--	0	--	90.15
RW-14	7/6/23	3788.59	--	--	0	--	90.15
RW-14	8/8/23	3788.59	75.35	68.33	7.02	3718.926	90.15
RW-14	11/7/23	3788.59	75.62	68.49	7.13	3718.745	--
RW-14	2/9/24	3788.59	75.88	68.71	7.17	3718.518	90.15
RW-14	5/8/24	3788.59	76.06	68.85	7.21	3718.37	--
RW-14	8/7/24	3788.59	74.33	69.14	5.19	3718.464	93.5
RW-14	11/5/24	3788.59	76.58	69.35	7.23	3717.866	92.45

## Notes:

1. All dates are in the format: MM/DD/YY.
2. --: No gauging data collected on corresponding date.
3. Dry: No fluid column measured in corresponding monitoring or recovery well.
4. LNAPL: Light Non-Aqueous Phase Liquids.
5. Elevations of the potentiometric surface were calculated using a LNAPL specific gravity of 0.81 gram/cubic centimeter (g/cc).



Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-1	9/6/11	3788.04	62.58	--	--	3725.46	69.31
MW-1	11/28/11	3788.04	62.7	--	--	3725.34	68.09
MW-1	3/5/12	3788.04	62.83	--	--	3725.21	68.05
MW-1	6/4/12	3788.04	62.99	--	--	3725.05	68
MW-1	9/10/12	3788.04	63.15	--	--	3724.89	68
MW-1	12/3/12	3788.04	63.34	--	--	3724.7	68.08
MW-1	3/4/13	3788.04	63.47	--	--	3724.57	68.05
MW-1	5/28/13	3788.04	63.6	--	--	3724.44	--
MW-1	8/28/13	3788.04	63.76	--	--	3724.28	68.05
MW-1	11/12/13	3788.04	63.9	--	--	3724.14	68.08
MW-1	2/25/14	3788.04	64.08	--	--	3723.96	68.06
MW-1	5/27/14	3788.04	64.21	--	--	3723.83	68.06
MW-1	9/3/14	3788.04	64.4	--	--	3723.64	68.06
MW-1	11/18/14	3788.04	64.6	--	--	3723.44	68.06
MW-1	3/3/15	3788.04	64.78	--	--	3723.26	68.09
MW-1	6/3/15	3788.04	64.87	--	--	3723.17	68.09
MW-1	8/11/15	3788.04	65.03	--	--	3723.01	68.09
MW-1	12/1/15	3788.04	65.25	--	--	3722.79	68.09
MW-1	2/8/16	3788.04	65.39	--	--	3722.65	68.13
MW-1	5/24/16	3788.04	65.6	--	--	3722.44	68.13
MW-1	8/30/16	3788.04	65.94	--	--	3722.1	68.13
MW-1	10/31/16	3788.04	65.9	--	--	3722.14	68.13
MW-1	11/3/16	3788.04	--	--	--	--	--
MW-1	2/27/17	3788.04	66.15	--	--	3721.89	68.05
MW-1	5/30/17	3788.04	66.27	--	--	3721.77	68.5
MW-1	8/29/17	3790.48	66.46	--	--	3724.02	68.02
MW-1	11/27/17	3790.48	66.6	--	--	3723.88	68.04
MW-1	12/1/17	3790.48	--	--	--	--	--
MW-1	2/27/18	3790.48	66.78	--	--	3723.7	68.07
MW-1	5/29/18	3790.48	67	--	--	3723.48	68.11
MW-1	8/29/18	3790.48	67.1	--	--	3723.38	68.07
MW-1	11/26/18	3790.48	67.31	--	--	3723.17	68.1
MW-1	2/25/19	3790.48	67.48	--	--	3723	68.1
MW-1	5/20/19	3790.48	67.67	--	--	3722.81	68.1
MW-1	7/23/19	3790.48	--	--	--	--	68.01
MW-1	10/22/19	3790.48	--	--	--	--	--
MW-1	2/19/20	--	--	--	--	--	--
MW-2	6/16/11	3788.41	67.28	63.91	3.37	3723.86	68.2
MW-2	9/6/11	3788.41	66.81	63.19	3.62	3724.532	68.98
MW-2	11/28/11	3788.41	65.91	63.49	2.42	3724.46	68.21
MW-2	3/5/12	3788.41	67.61	62.98	4.63	3724.55	68.2
MW-2	6/4/12	3788.41	68.01	63.95	4.06	3723.689	--
MW-2	9/10/12	3788.41	--	64.31	3.71	--	68.02
MW-2	12/3/12	3788.41	--	64.31	3.9	--	68.21
MW-2	3/4/13	3788.41	67.78	63.52	4.26	3724.081	--
MW-2	5/28/13	3788.41	--	65.2	2.95	--	68.15
MW-2	8/28/13	3788.41	68.05	64.74	3.31	3723.041	--
MW-2	11/12/13	3788.41	67.96	64.35	3.61	3723.374	--
MW-2	2/25/14	3788.41	67.98	64.14	3.84	3723.54	--
MW-2	5/27/14	3788.41	67.99	64.29	3.7	3723.417	68.15
MW-2	9/3/14	3788.41	67.98	64.49	3.49	3723.257	68.15
MW-2	11/18/14	3788.37	--	64.63	3.52	--	68.15
MW-2	3/3/15	3788.37	67.56	64.91	2.65	3722.957	--
MW-2	6/3/15	3788.37	67.5	65.04	2.46	3722.863	--
MW-2	8/11/15	3788.37	67.54	65.48	2.06	3722.499	--
MW-2	12/1/15	3788.37	68.07	66.15	1.92	3721.855	--
MW-2	2/8/16	3788.37	68.05	66.05	2	3721.94	--
MW-2	4/6/16	3788.37	--	--	--	--	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-2	4/20/16	3788.37	--	--	--	--	--
MW-2	5/11/16	3788.37	--	--	--	--	--
MW-2	5/24/16	3788.37	67.51	65.88	1.63	3722.18	--
MW-2	6/1/16	3788.37	--	--	--	--	--
MW-2	6/15/16	3788.37	--	--	--	--	--
MW-2	6/29/16	3788.37	--	--	--	--	--
MW-2	7/6/16	3788.37	--	--	--	--	--
MW-2	7/13/16	3788.37	--	--	--	--	--
MW-2	8/3/16	3788.37	--	--	--	--	--
MW-2	8/30/16	3788.37	67.59	66.16	1.43	3721.938	--
MW-2	9/8/16	3788.37	--	--	--	--	--
MW-2	9/21/16	3788.37	--	--	--	--	--
MW-2	10/5/16	3788.37	--	--	--	--	--
MW-2	10/12/16	3788.37	--	--	--	--	--
MW-2	10/31/16	3788.37	68.08	66.25	1.83	3721.772	--
MW-2	11/9/16	3788.37	--	--	--	--	--
MW-2	11/16/16	3788.37	--	--	--	--	--
MW-2	11/30/16	3788.37	--	--	--	--	--
MW-2	1/4/17	3788.37	--	--	--	--	--
MW-2	1/17/17	3788.37	--	--	--	--	--
MW-2	2/15/17	3788.37	--	--	--	--	--
MW-2	2/27/17	3788.37	--	66.88	1.28	--	68.16
MW-2	4/25/17	3788.37	--	--	--	--	--
MW-2	5/10/17	3788.37	--	--	--	--	--
MW-2	5/30/17	3788.37	--	67.11	1.05	--	68.16
MW-2	6/7/17	3788.37	--	--	--	--	--
MW-2	7/5/17	3790.8	--	--	--	--	--
MW-2	7/13/17	3790.8	--	--	--	--	--
MW-2	7/19/17	3790.8	--	--	--	--	--
MW-2	7/25/17	3790.8	--	--	--	--	--
MW-2	8/29/17	3790.8	--	67.1	1.05	--	68.15
MW-2	9/6/17	3790.8	--	--	--	--	--
MW-2	11/7/17	3790.8	--	--	--	--	--
MW-2	11/27/17	3790.8	--	67.19	1.04	--	68.23
MW-2	12/5/17	3790.8	--	--	--	--	--
MW-2	2/27/18	3790.8	--	67.38	0.83	--	68.21
MW-2	5/29/18	3790.8	68.22	67.51	0.71	3723.155	--
MW-2	8/29/18	3790.8	--	--	--	--	68.47
MW-2	11/26/18	3790.8	--	--	--	--	68.25
MW-2	2/25/19	3790.8	--	--	--	--	--
MW-2	5/20/19	3790.8	--	--	--	--	--
MW-2	7/23/19	3790.8	--	--	--	--	--
MW-2	10/22/19	3790.8	--	--	--	--	--
MW-2	2/19/20	--	--	--	--	--	--
MW-3	6/16/11	3787.94	63.28	--	--	3724.66	67.7
MW-3	9/6/11	3787.94	63.49	--	--	3724.45	68.07
MW-3	11/28/11	3787.94	63.56	--	--	3724.38	67.71
MW-3	3/5/12	3787.94	63.71	--	--	3724.23	67.73
MW-3	6/4/12	3787.94	63.83	--	--	3724.11	67.7
MW-3	9/10/12	3787.94	63.97	--	--	3723.97	67.7
MW-3	12/3/12	3787.94	64.21	--	--	3723.73	67.81
MW-3	3/4/13	3787.94	64.29	--	--	3723.65	67.67
MW-3	5/28/13	3787.94	64.48	--	--	3723.46	67.66
MW-3	8/28/13	3787.94	64.57	--	--	3723.37	67.66
MW-3	11/12/13	3787.94	64.72	--	--	3723.22	67.69
MW-3	2/25/14	3787.94	64.89	--	--	3723.05	67.68
MW-3	5/27/14	3787.94	65.02	--	--	3722.92	67.68
MW-3	9/3/14	3787.94	65.21	--	--	3722.73	67.68

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-3	11/18/14	3787.94	65.4	--	--	3722.54	67.68
MW-3	3/3/15	3787.94	65.55	--	--	3722.39	67.97
MW-3	6/3/15	3787.94	65.65	--	--	3722.29	67.97
MW-3	8/11/15	3787.94	65.83	--	--	3722.11	67.97
MW-3	12/1/15	3787.94	66.05	--	--	3721.89	67.97
MW-3	2/8/16	3787.94	66.2	--	--	3721.74	68.25
MW-3	4/6/16	3787.94	--	--	--	--	--
MW-3	4/14/16	3787.94	--	--	--	--	--
MW-3	5/4/16	3787.94	--	--	--	--	--
MW-3	5/24/16	3787.94	66.62	--	--	3721.32	68.25
MW-3	5/27/16	3787.94	--	--	--	--	--
MW-3	6/7/16	3787.94	--	--	--	--	--
MW-3	6/21/16	3787.94	--	--	--	--	--
MW-3	6/29/16	3787.94	--	--	--	--	--
MW-3	7/6/16	3787.94	--	--	--	--	--
MW-3	8/9/16	3787.94	--	--	--	--	--
MW-3	8/24/16	3787.94	--	--	--	--	--
MW-3	8/30/16	3787.94	66.89	--	--	3721.05	68.25
MW-3	9/28/16	3787.94	--	--	--	--	--
MW-3	10/5/16	3787.94	--	--	--	--	--
MW-3	10/12/16	3787.94	--	--	--	--	--
MW-3	10/31/16	3787.94	66.85	--	--	3721.09	68.25
MW-3	11/3/16	3787.94	--	--	--	--	--
MW-3	11/16/16	3787.94	--	--	--	--	--
MW-3	12/7/16	3787.94	--	--	--	--	--
MW-3	1/11/17	3787.94	--	--	--	--	--
MW-3	1/24/17	3787.94	--	--	--	--	--
MW-3	2/7/17	3787.94	--	--	--	--	--
MW-3	2/27/17	3787.94	66.92	--	--	3721.02	68.08
MW-3	4/3/17	3787.94	--	--	--	--	--
MW-3	5/2/17	3787.94	--	--	--	--	--
MW-3	5/17/17	3787.94	--	--	--	--	--
MW-3	5/30/17	3787.94	67.1	--	--	3720.84	68.08
MW-3	5/31/17	3787.94	--	--	--	--	--
MW-3	6/13/17	3787.94	--	--	--	--	--
MW-3	7/5/17	3790.29	--	--	--	--	--
MW-3	7/13/17	3790.29	--	--	--	--	--
MW-3	8/29/17	3790.29	67.56	--	--	3722.73	68.05
MW-3	10/24/17	3790.29	--	--	--	--	--
MW-3	11/27/17	3790.29	67.35	--	--	3722.94	68.58
MW-3	12/1/17	3790.29	--	--	--	--	--
MW-3	2/27/18	3790.29	67.57	--	--	3722.72	68.14
MW-3	5/29/18	3790.29	67.75	--	--	3722.54	68.1
MW-3	8/29/18	3790.29	--	--	--	--	68.11
MW-3	11/26/18	3790.29	--	--	--	--	68.1
MW-3	2/25/19	3790.29	67.93	--	--	3722.36	--
MW-3	5/18/19	3790.29	--	--	--	--	--
MW-3	5/20/19	3790.29	--	--	--	--	--
MW-3	7/23/19	3790.29	--	--	--	--	68.1
MW-3	10/22/19	3790.29	--	--	--	--	--
MW-3	2/19/20	--	--	--	--	--	--
MW-3R	2/20/20	3789.51	--	--	--	--	--
MW-3R	2/26/20	3789.51	68.19	--	--	3721.32	90.26
MW-3R	3/23/20	3789.51	68.34	--	--	3721.17	90.32
MW-3R	5/1/20	3789.51	68.41	--	--	3721.1	--
MW-3R	5/11/20	3789.51	68.42	--	--	3721.09	--
MW-3R	6/18/20	3789.51	68.48	--	--	3721.03	--
MW-3R	7/27/20	3789.51	68.57	--	--	3720.94	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-3R	8/27/20	3789.51	68.66	--	--	3720.85	--
MW-3R	9/15/20	3789.51	68.68	--	--	3720.83	90.32
MW-3R	10/28/20	3789.51	68.79	--	--	3720.72	--
MW-3R	12/7/20	3789.51	68.88	--	--	3720.63	--
MW-4	6/16/11	3787.76	63.18	--	--	3724.58	63.31
MW-4	9/6/11	3787.76	63.25	--	--	3724.51	63.55
MW-4	11/28/11	3787.76	63.3	--	--	3724.46	63.4
MW-4	3/5/12	3787.76	63.28	--	--	3724.48	63.35
MW-4	6/4/12	3787.76	63.25	--	--	3724.51	63.3
MW-4	9/10/12	3787.76	--	--	--	--	63.1
MW-4	12/3/12	3787.76	--	--	--	--	63.35
MW-4	3/4/13	3787.76	--	--	--	--	63.35
MW-4	5/28/13	3787.76	--	--	--	--	63.34
MW-4	8/28/13	3787.76	--	--	--	--	63.38
MW-4	11/12/13	3787.76	--	--	--	--	63.36
MW-4	2/25/14	3787.76	--	--	--	--	63.34
MW-4	5/27/14	3787.76	--	--	--	--	63.34
MW-4	9/3/14	3787.76	--	--	--	--	63.34
MW-4	10/7/14	--	--	--	--	--	--
MW-4R	11/18/14	3786.73	64.32	--	--	3722.41	89.3
MW-4R	3/3/15	3786.73	64.49	--	--	3722.24	88.96
MW-4R	6/3/15	3786.73	64.62	--	--	3722.11	88.96
MW-4R	8/11/15	3786.73	64.79	--	--	3721.94	88.96
MW-4R	12/1/15	3786.73	64.99	--	--	3721.74	88.96
MW-4R	2/8/16	3786.73	65.14	--	--	3721.59	88.7
MW-4R	5/24/16	3786.73	65.33	--	--	3721.4	88.7
MW-4R	8/30/16	3786.73	65.57	--	--	3721.16	88.7
MW-4R	8/31/16	3786.73	--	--	--	--	--
MW-4R	10/31/16	3786.73	65.62	--	--	3721.11	88.7
MW-4R	11/3/16	3786.73	--	--	--	--	--
MW-4R	2/27/17	3786.73	65.83	--	--	3720.9	87.1
MW-4R	3/1/17	3786.73	--	--	--	--	--
MW-4R	5/30/17	3786.73	66.01	--	--	3720.72	86.88
MW-4R	5/31/17	3786.73	--	--	--	--	--
MW-4R	8/29/17	3789.17	66.19	--	--	3722.98	86.42
MW-4R	11/27/17	3789.17	66.32	--	--	3722.85	86.21
MW-4R	12/1/17	3789.17	--	--	--	--	--
MW-4R	2/27/18	3789.17	66.52	--	--	3722.65	86.48
MW-4R	5/29/18	3789.17	66.67	--	--	3722.5	86.11
MW-4R	8/29/18	3789.17	66.81	--	--	3722.36	86.24
MW-4R	11/26/18	3789.17	67.03	--	--	3722.14	86.24
MW-4R	2/25/19	3789.17	67.19	--	--	3721.98	--
MW-4R	2/27/19	3789.17	--	--	--	--	--
MW-4R	5/20/19	3789.17	67.37	--	--	3721.8	--
MW-4R	5/21/19	3789.17	--	--	--	--	--
MW-4R	7/23/19	3789.17	67.6	--	--	3721.57	--
MW-4R	10/22/19	3789.17	67.64	--	--	3721.53	--
MW-4R	2/10/20	3789.17	67.9	--	--	3721.27	85.97
MW-4R	5/1/20	3789.17	68.09	--	--	3721.08	--
MW-4R	5/11/20	3789.17	68.03	--	--	3721.14	--
MW-4R	6/18/20	3789.17	68.11	--	--	3721.06	--
MW-4R	7/27/20	3789.17	68.2	--	--	3720.97	--
MW-4R	8/27/20	3789.17	68.28	--	--	3720.89	--
MW-4R	9/15/20	3789.17	68.35	--	--	3720.82	85.97
MW-4R	10/28/20	3789.17	68.41	--	--	3720.76	--
MW-4R	12/7/20	3789.17	68.52	--	--	3720.65	--
MW-5	6/16/11	--	--	--	--	--	--
MW-6	6/16/11	3788.31	62.88	--	--	3725.43	68.77

Table 1b

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**Plains All American Pipeline, L.P.**  
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**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-6	9/6/11	3788.31	63.03	--	--	3725.28	69.85
MW-6	11/28/11	3788.31	63.15	--	--	3725.16	68.84
MW-6	3/5/12	3788.31	63.3	--	--	3725.01	68.62
MW-6	6/4/12	3788.31	63.42	--	--	3724.89	--
MW-6	9/10/12	3788.31	63.6	--	--	3724.71	68.7
MW-6	12/3/12	3788.31	63.55	--	--	3724.76	68.6
MW-6	3/4/13	3788.31	63.91	63.9	--	3724.4	68.62
MW-6	5/28/13	3788.31	64.1	--	--	3724.21	--
MW-6	8/28/13	3788.31	64.2	--	--	3724.11	68.57
MW-6	11/12/13	3788.31	64.36	--	--	3723.95	68.06
MW-6	2/25/14	3788.31	64.52	--	--	3723.79	68.54
MW-6	5/27/14	3788.31	64.65	--	--	3723.66	68.54
MW-6	9/3/14	3788.31	64.83	--	--	3723.48	68.54
MW-6	11/18/14	3788.31	65.01	--	--	3723.3	68.54
MW-6	3/3/15	3788.31	65.21	--	--	3723.1	68.49
MW-6	6/3/15	3788.31	65.32	--	--	3722.99	68.49
MW-6	8/11/15	3788.31	65.48	--	--	3722.83	68.49
MW-6	12/1/15	3788.31	65.71	--	--	3722.6	68.49
MW-6	2/8/16	3788.31	65.89	--	--	3722.42	68.36
MW-6	5/24/16	3788.31	66.04	--	--	3722.27	68.36
MW-6	8/30/16	3788.31	66.84	--	--	3721.47	68.36
MW-6	10/31/16	3788.31	66.34	--	--	3721.97	68.36
MW-6	11/3/16	3788.31	--	--	--	--	--
MW-6	2/27/17	3788.31	66.57	--	--	3721.74	68.14
MW-6	5/30/17	3788.31	66.7	--	--	3721.61	68.12
MW-6	8/29/17	3790.75	66.91	--	--	3723.84	68.11
MW-6	11/27/17	3790.75	67.04	--	--	3723.71	68.08
MW-6	12/1/17	3790.75	--	--	--	--	--
MW-6	2/27/18	3790.75	67.24	--	--	3723.51	68.22
MW-6	5/29/18	3790.75	67.41	--	--	3723.34	68.18
MW-6	8/29/18	3790.75	67.54	--	--	3723.21	68.22
MW-6	11/26/18	3790.75	67.77	--	--	3722.98	68.15
MW-6	2/25/19	3790.75	67.99	--	--	3722.76	--
MW-6	5/20/19	3790.75	--	--	--	--	--
MW-6	7/3/19	3790.75	--	--	--	--	--
MW-6	7/23/19	3790.75	--	--	--	--	68.01
MW-6	10/22/19	3790.75	--	--	--	--	--
MW-6	2/19/20	--	--	--	--	--	--
MW-6R	2/24/20	3789.79	--	--	--	--	--
MW-6R	2/26/20	3789.79	67.65	--	--	3722.14	90.05
MW-6R	3/23/20	3789.79	67.8	--	--	3721.99	90.05
MW-6R	5/1/20	3789.79	67.87	--	--	3721.92	--
MW-6R	5/11/20	3789.79	67.86	--	--	3721.93	--
MW-6R	6/18/20	3789.79	67.94	--	--	3721.85	--
MW-6R	7/27/20	3789.79	68.04	--	--	3721.75	--
MW-6R	8/27/20	3789.79	68.12	--	--	3721.67	--
MW-6R	9/15/20	3789.79	68.17	--	--	3721.62	90.05
MW-6R	10/28/20	3789.79	68.29	--	--	3721.5	--
MW-6R	12/7/20	3789.79	68.35	--	--	3721.44	--
MW-7	6/16/11	3788.65	63.46	--	--	3725.19	69.06
MW-7	9/6/11	3788.65	63.6	--	--	3725.05	69.45
MW-7	11/28/11	3788.65	63.75	--	--	3724.9	69.12
MW-7	3/5/12	3788.65	63.88	--	--	3724.77	69.09
MW-7	6/4/12	3788.65	64.05	--	--	3724.6	69.1
MW-7	9/10/12	3788.65	64.18	--	--	3724.47	69
MW-7	12/3/12	3788.65	64.33	--	--	3724.32	69.11
MW-7	3/4/13	3788.65	64.49	--	--	3724.16	69.08
MW-7	5/28/13	3788.65	64.62	--	--	3724.03	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-7	8/28/13	3788.65	64.79	--	--	3723.86	69.11
MW-7	11/12/13	3788.65	64.94	--	--	3723.71	69.13
MW-7	2/25/14	3788.65	65.1	--	--	3723.55	69.08
MW-7	5/27/14	3788.65	65.24	--	--	3723.41	69.08
MW-7	9/3/14	3788.65	65.44	--	--	3723.21	69.08
MW-7	11/18/14	3788.65	65.6	--	--	3723.05	69.08
MW-7	3/3/15	3788.65	65.78	--	--	3722.87	69.14
MW-7	6/3/15	3788.65	65.9	--	--	3722.75	69.14
MW-7	8/11/15	3788.65	66.07	--	--	3722.58	69.14
MW-7	12/1/15	3788.65	66.29	--	--	3722.36	69.14
MW-7	2/8/16	3788.65	66.43	--	--	3722.22	69.09
MW-7	5/24/16	3788.65	66.6	--	--	3722.05	69.09
MW-7	8/30/16	3788.65	67.03	--	--	3721.62	69.09
MW-7	10/31/16	3788.65	66.92	--	--	3721.73	69.09
MW-7	11/3/16	3788.65	--	--	--	--	--
MW-7	2/27/17	3788.65	67.11	--	--	3721.54	69.02
MW-7	5/30/17	3788.65	67.28	--	--	3721.37	69.02
MW-7	8/29/17	3791.09	67.47	--	--	3723.62	69.03
MW-7	11/27/17	3791.09	67.62	--	--	3723.47	69.02
MW-7	12/1/17	3791.09	--	--	--	--	--
MW-7	2/27/18	3791.09	67.86	--	--	3723.23	69.19
MW-7	5/29/18	3791.09	67.88	--	--	3723.21	69.19
MW-7	8/29/18	3791.09	68.13	--	--	3722.96	69.19
MW-7	11/26/18	3791.09	68.35	--	--	3722.74	69.19
MW-7	2/25/19	3791.09	68.49	--	--	3722.6	--
MW-7	5/20/19	3791.09	68.7	--	--	3722.39	--
MW-7	7/23/19	3791.09	68.85	--	--	3722.24	--
MW-7	10/22/19	3791.09	68.99	--	--	3722.1	--
MW-7	2/19/20	--	--	--	--	--	--
MW-7R	2/21/20	3790.51	--	--	--	--	--
MW-7R	2/26/20	3790.51	68.61	--	--	3721.9	90
MW-7R	3/23/20	3790.51	68.79	--	--	3721.72	90
MW-7R	5/1/20	3790.51	68.84	--	--	3721.67	--
MW-7R	5/11/20	3790.51	68.81	--	--	3721.7	--
MW-7R	6/18/20	3790.51	68.91	--	--	3721.6	--
MW-7R	7/27/20	3790.51	69	--	--	3721.51	--
MW-7R	8/27/20	3790.51	69.1	--	--	3721.41	--
MW-7R	9/15/20	3790.51	69.15	--	--	3721.36	90
MW-7R	10/28/20	3790.51	69.24	--	--	3721.27	--
MW-7R	12/7/20	3790.51	69.32	--	--	3721.19	--
MW-8	6/16/11	3787.6	62.71	--	--	3724.89	69.29
MW-8	9/6/11	3787.6	62.89	--	--	3724.71	70.01
MW-8	11/28/11	3787.6	63	--	--	3724.6	69.37
MW-8	3/5/12	3787.6	63.13	--	--	3724.47	69.28
MW-8	6/4/12	3787.6	63.26	--	--	3724.34	69.7
MW-8	9/10/12	3787.6	63.4	--	--	3724.2	69.4
MW-8	12/3/12	3787.6	63.61	--	--	3723.99	69.35
MW-8	3/4/13	3787.6	63.73	63.72	--	3723.87	69.32
MW-8	5/28/13	3787.6	63.88	--	--	3723.72	--
MW-8	8/28/13	3787.6	64.02	--	--	3723.58	69.32
MW-8	11/12/13	3787.6	64.16	--	--	3723.44	69.34
MW-8	2/25/14	3787.6	64.32	--	--	3723.28	69.34
MW-8	5/27/14	3787.6	64.48	--	--	3723.12	69.34
MW-8	9/3/14	3787.6	64.66	--	--	3722.94	69.34
MW-8	11/18/14	3787.6	64.81	--	--	3722.79	69.34
MW-8	3/3/15	3787.6	65.02	--	--	3722.58	69.39
MW-8	6/3/15	3787.6	65.13	--	--	3722.47	69.39
MW-8	8/11/15	3787.6	65.29	--	--	3722.31	69.36

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-8	12/1/15	3787.6	65.52	--	--	3722.08	69.39
MW-8	2/8/16	3787.6	65.65	--	--	3721.95	69.4
MW-8	5/24/16	3787.6	65.9	--	--	3721.7	69.4
MW-8	8/30/16	3787.6	66.31	--	--	3721.29	69.4
MW-8	10/31/16	3787.6	66.14	--	--	3721.46	69.4
MW-8	11/3/16	3787.6	--	--	--	--	--
MW-8	2/27/17	3787.6	66.34	--	--	3721.26	69.21
MW-8	5/30/17	3787.6	66.52	--	--	3721.08	69.2
MW-8	8/29/17	3790.04	66.7	--	--	3723.34	69.22
MW-8	11/27/17	3790.04	66.84	--	--	3723.2	69.22
MW-8	12/1/17	3790.04	--	--	--	--	--
MW-8	2/27/18	3790.04	67.03	--	--	3723.01	69.34
MW-8	5/29/18	3790.04	67.2	--	--	3722.84	69.25
MW-8	8/29/18	3790.04	67.33	--	--	3722.71	69.34
MW-8	11/26/18	3790.04	67.56	--	--	3722.48	69.34
MW-8	2/25/19	3790.04	67.7	--	--	3722.34	--
MW-8	5/20/19	3790.04	67.9	--	--	3722.14	--
MW-8	7/23/19	3790.04	68	--	--	3722.04	--
MW-8	10/22/19	3790.04	68.16	--	--	3721.88	--
MW-8	2/19/20	--	--	--	--	--	--
MW-8R	2/19/20	3788.75	--	--	--	--	--
MW-8R	2/26/20	3788.75	67.22	--	--	3721.53	90.64
MW-8R	3/23/20	3788.75	67.39	--	--	3721.36	90.54
MW-8R	5/1/20	3788.75	67.45	--	--	3721.3	--
MW-8R	5/11/20	3788.75	67.41	--	--	3721.34	--
MW-8R	6/18/20	3788.75	67.51	--	--	3721.24	--
MW-8R	7/27/20	3788.75	67.61	--	--	3721.14	--
MW-8R	8/27/20	3788.75	67.68	--	--	3721.07	--
MW-8R	9/15/20	3788.75	67.73	--	--	3721.02	90.54
MW-8R	10/28/20	3788.75	67.85	--	--	3720.9	--
MW-8R	12/7/20	3788.75	67.92	--	--	3720.83	--
MW-9	6/16/11	3787.27	62.11	--	--	3725.16	68.97
MW-9	9/6/11	3787.27	62.33	--	--	3724.94	69.61
MW-9	11/28/11	3787.27	62.4	--	--	3724.87	69.23
MW-9	3/5/12	3787.27	62.57	--	--	3724.7	69.07
MW-9	6/4/12	3787.27	62.7	--	--	3724.57	69
MW-9	9/10/12	3787.27	62.85	--	--	3724.42	68.98
MW-9	12/3/12	3787.27	63.01	--	--	3724.26	69.01
MW-9	3/4/13	3787.27	63.15	--	--	3724.12	68.96
MW-9	5/28/13	3787.27	63.31	--	--	3723.96	--
MW-9	8/28/13	3787.27	63.44	--	--	3723.83	69
MW-9	11/12/13	3787.27	63.59	--	--	3723.68	69
MW-9	2/25/14	3787.27	63.74	--	--	3723.53	69
MW-9	5/27/14	3787.27	63.89	--	--	3723.38	69
MW-9	9/3/14	3787.27	64.08	--	--	3723.19	69
MW-9	11/18/14	3787.27	64.26	--	--	3723.01	69
MW-9	3/3/15	3787.27	64.43	--	--	3722.84	69
MW-9	6/3/15	3787.27	64.54	--	--	3722.73	69
MW-9	8/11/15	3787.27	64.71	--	--	3722.56	69
MW-9	12/1/15	3787.27	64.92	--	--	3722.35	69
MW-9	2/8/16	3787.27	65.1	--	--	3722.17	69.13
MW-9	5/24/16	3787.27	65.24	--	--	3722.03	69.13
MW-9	8/30/16	3787.27	65.73	--	--	3721.54	69.13
MW-9	10/31/16	3787.27	65.56	--	--	3721.71	69.13
MW-9	11/3/16	3787.27	--	--	--	--	--
MW-9	2/27/17	3787.27	65.76	--	--	3721.51	68.8
MW-9	5/30/17	3787.27	65.94	--	--	3721.33	68.84
MW-9	8/29/17	3789.79	66.12	--	--	3723.67	68.79

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-9	11/27/17	3789.79	66.27	--	--	3723.52	68.8
MW-9	12/1/17	3789.79	--	--	--	--	--
MW-9	2/27/18	3789.79	66.44	--	--	3723.35	68.91
MW-9	5/29/18	3789.79	66.61	--	--	3723.18	68.88
MW-9	8/29/18	3789.79	66.75	--	--	3723.04	68.91
MW-9	11/26/18	3789.79	66.97	--	--	3722.82	68.91
MW-9	2/25/19	3789.79	67.16	--	--	3722.63	--
MW-9	5/20/19	3789.79	67.32	--	--	3722.47	--
MW-9	7/23/19	3789.79	67.45	--	--	3722.34	--
MW-9	10/22/19	3789.79	67.61	--	--	3722.18	--
MW-9	2/19/20	--	--	--	--	--	--
MW-9R	2/20/20	3789.02	--	--	--	--	--
MW-9R	2/26/20	3789.02	67.23	--	--	3721.79	89.85
MW-9R	3/23/20	3789.02	67.39	--	--	3721.63	90.5
MW-9R	5/1/20	3789.02	67.46	--	--	3721.56	--
MW-9R	5/11/20	3789.02	67.48	--	--	3721.54	--
MW-9R	6/18/20	3789.02	67.54	--	--	3721.48	--
MW-9R	7/27/20	3789.02	67.61	--	--	3721.41	--
MW-9R	8/27/20	3789.02	67.71	--	--	3721.31	--
MW-9R	9/15/20	3789.02	67.75	--	--	3721.27	90.5
MW-9R	10/28/20	3789.02	67.84	--	--	3721.18	--
MW-9R	12/7/20	3789.02	67.94	--	--	3721.08	--
MW-10	6/16/11	3787.5	62.74	--	--	3724.76	68.11
MW-10	9/6/11	3787.5	62.93	--	--	3724.57	68.57
MW-10	11/28/11	3787.5	63.02	--	--	3724.48	68.12
MW-10	3/5/12	3787.5	63.16	--	--	3724.34	68.03
MW-10	6/4/12	3787.5	63.3	--	--	3724.2	67.9
MW-10	9/10/12	3787.5	63.45	--	--	3724.05	68
MW-10	12/3/12	3787.5	63.6	--	--	3723.9	67.95
MW-10	3/4/13	3787.5	63.75	--	--	3723.75	67.89
MW-10	5/28/13	3787.5	63.88	--	--	3723.62	--
MW-10	8/28/13	3787.5	64.04	--	--	3723.46	68.07
MW-10	11/12/13	3787.5	64.22	--	--	3723.28	67.92
MW-10	2/25/14	3787.5	64.35	--	--	3723.15	67.96
MW-10	5/27/14	3787.5	64.5	--	--	3723	67.96
MW-10	9/3/14	3787.5	64.69	--	--	3722.81	67.96
MW-10	11/18/14	3787.5	64.85	--	--	3722.65	67.96
MW-10	3/3/15	3787.5	65.03	--	--	3722.47	67.92
MW-10	6/3/15	3787.5	65.13	--	--	3722.37	67.92
MW-10	8/11/15	3787.5	65.31	--	--	3722.19	67.92
MW-10	12/1/15	3787.5	65.53	--	--	3721.97	67.92
MW-10	2/8/16	3787.5	65.66	--	--	3721.84	68.31
MW-10	5/24/16	3787.5	65.85	--	--	3721.65	68.31
MW-10	8/30/16	3787.5	66.79	--	--	3720.71	68.31
MW-10	10/31/16	3787.5	66.15	--	--	3721.35	68.31
MW-10	11/3/16	3787.5	--	--	--	--	--
MW-10	2/27/17	3787.5	66.34	--	--	3721.16	67.77
MW-10	5/30/17	3787.5	66.56	--	--	3720.94	67.75
MW-10	8/29/17	3789.88	66.68	--	--	3723.2	67.59
MW-10	11/27/17	3789.88	66.84	--	--	3723.04	67.63
MW-10	12/1/17	3789.88	--	--	--	--	--
MW-10	2/27/18	3789.88	67.02	--	--	3722.86	67.71
MW-10	5/29/18	3789.88	67.2	--	--	3722.68	67.7
MW-10	8/29/18	3789.88	67.33	--	--	3722.55	67.71
MW-10	11/26/18	3789.88	--	--	--	--	67.7
MW-10	2/25/19	3789.88	--	--	--	--	--
MW-10	5/20/19	3789.88	--	--	--	--	--
MW-10	7/23/19	3789.88	--	--	--	--	--



Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-10	10/22/19	3789.88	--	--	--	--	--
MW-10	2/19/20	--	--	--	--	--	--
MW-10R	2/26/20	3788.9	67.47	--	--	3721.43	90.2
MW-10R	3/23/20	3788.9	67.62	--	--	3721.28	90.25
MW-10R	5/1/20	3788.9	67.7	--	--	3721.2	--
MW-10R	5/11/20	3788.9	67.7	--	--	3721.2	--
MW-10R	6/18/20	3788.9	67.77	--	--	3721.13	--
MW-10R	7/27/20	3788.9	67.84	--	--	3721.06	--
MW-10R	8/27/20	3788.9	67.94	--	--	3720.96	--
MW-10R	9/15/20	3788.9	67.97	--	--	3720.93	90.25
MW-10R	10/28/20	3788.9	68.06	--	--	3720.84	--
MW-10R	12/7/20	3788.9	68.17	--	--	3720.73	--
MW-11	6/16/11	3790.65	63.88	--	--	3726.77	69.17
MW-11	9/6/11	3790.65	64.08	--	--	3726.57	69.65
MW-11	11/28/11	3790.65	64.13	--	--	3726.52	69.19
MW-11	3/5/12	3790.65	64.28	--	--	3726.37	69.19
MW-11	6/4/12	3790.65	64.41	--	--	3726.24	69.7
MW-11	9/10/12	3790.65	64.55	--	--	3726.1	69.2
MW-11	12/3/12	3790.65	64.72	--	--	3725.93	69.21
MW-11	3/4/13	3790.65	64.85	--	--	3725.8	69.26
MW-11	5/28/13	3790.65	65.01	--	--	3725.64	69.18
MW-11	8/28/13	3790.65	65.16	--	--	3725.49	69.18
MW-11	11/12/13	3790.65	65.3	--	--	3725.35	69.14
MW-11	2/25/14	3790.65	65.45	--	--	3725.2	69.2
MW-11	5/27/14	3790.65	65.6	--	--	3725.05	69.2
MW-11	9/3/14	3790.65	65.77	--	--	3724.88	69.2
MW-11	11/18/14	3790.65	65.92	--	--	3724.73	69.2
MW-11	3/3/15	3790.65	66.12	--	--	3724.53	69.21
MW-11	6/3/15	3790.65	66.25	--	--	3724.4	69.21
MW-11	8/11/15	3790.65	66.41	--	--	3724.24	69.21
MW-11	12/1/15	3790.65	66.8	--	--	3723.85	69.21
MW-11	2/8/16	3790.65	67.04	--	--	3723.61	69.25
MW-11	4/6/16	3790.65	--	--	--	--	--
MW-11	4/14/16	3790.65	--	--	--	--	--
MW-11	5/4/16	3790.65	--	--	--	--	--
MW-11	5/18/16	3790.65	--	--	--	--	--
MW-11	5/24/16	3790.65	67.1	--	--	3723.55	69.25
MW-11	5/27/16	3790.65	--	--	--	--	--
MW-11	6/7/16	3790.65	--	--	--	--	--
MW-11	6/21/16	3790.65	--	--	--	--	--
MW-11	6/29/16	3790.65	--	--	--	--	--
MW-11	7/6/16	3790.65	--	--	--	--	--
MW-11	8/9/16	3790.65	--	--	--	--	--
MW-11	8/24/16	3790.65	--	--	--	--	--
MW-11	8/30/16	3790.65	67.54	--	--	3723.11	69.25
MW-11	8/31/16	3790.65	--	--	--	--	--
MW-11	9/28/16	3790.65	--	--	--	--	--
MW-11	10/5/16	3790.65	--	--	--	--	--
MW-11	10/12/16	3790.65	--	--	--	--	--
MW-11	10/31/16	3790.65	67.39	--	--	3723.26	69.25
MW-11	11/3/16	3790.65	--	--	--	--	--
MW-11	11/16/16	3790.65	--	--	--	--	--
MW-11	12/7/16	3790.65	--	--	--	--	--
MW-11	1/11/17	3790.65	--	--	--	--	--
MW-11	1/24/17	3790.65	--	--	--	--	--
MW-11	2/7/17	3790.65	--	--	--	--	--
MW-11	2/27/17	3790.65	67.47	--	--	3723.18	69.13
MW-11	3/1/17	3790.65	--	--	--	--	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-11	4/3/17	3790.65	--	--	--	--	--
MW-11	5/2/17	3790.65	--	--	--	--	--
MW-11	5/17/17	3790.65	--	--	--	--	--
MW-11	5/30/17	3790.65	67.62	--	--	3723.03	69.11
MW-11	5/31/17	3790.65	--	--	--	--	--
MW-11	6/13/17	3790.65	--	--	--	--	--
MW-11	7/5/17	3790.65	--	--	--	--	--
MW-11	7/13/17	3790.65	--	--	--	--	--
MW-11	8/29/17	3790.65	67.8	--	--	3722.85	69.13
MW-11	9/6/17	3790.65	--	--	--	--	--
MW-11	9/19/17	3790.65	--	--	--	--	--
MW-11	10/11/17	3790.65	--	--	--	--	--
MW-11	11/7/17	3790.65	--	--	--	--	--
MW-11	11/27/17	3790.65	67.92	--	--	3722.73	69.12
MW-11	12/1/17	3790.65	--	--	--	--	--
MW-11	2/27/18	3790.65	68.03	--	--	3722.62	69.18
MW-11	5/29/18	3790.65	68.29	--	--	3722.36	69.3
MW-11	8/29/18	3790.65	68.42	--	--	3722.23	69.16
MW-11	11/26/18	3790.65	68.64	--	--	3722.01	69.16
MW-11	2/25/19	3790.65	68.78	--	--	3721.87	--
MW-11	2/27/19	3790.65	--	--	--	--	--
MW-11	5/20/19	3790.65	68.97	--	--	3721.68	--
MW-11	7/23/19	3790.65	--	--	--	--	69.11
MW-11	10/22/19	3790.65	--	--	--	--	--
MW-11	2/19/20	--	--	--	--	--	--
MW-12	2/27/17	3789.64	66.59	--	--	--	86.65
MW-12	3/1/17	3789.64	--	--	--	--	--
MW-12	5/30/17	3789.64	66.75	--	--	--	86.49
MW-12	5/31/17	3789.64	--	--	--	--	--
MW-12	8/29/17	3789.64	66.95	--	--	3722.69	86.11
MW-12	9/6/17	3789.64	--	--	--	--	--
MW-12	11/27/17	3789.64	67.07	--	--	3722.57	85.92
MW-12	12/1/17	3789.64	--	--	--	--	--
MW-12	2/27/18	3789.64	67.27	--	--	3722.37	85.96
MW-12	5/29/18	3789.64	67.47	--	--	3722.17	86.04
MW-12	8/29/18	3789.64	67.57	--	--	3722.07	86.14
MW-12	11/26/18	3789.64	67.77	--	--	3721.87	86.14
MW-12	2/25/19	3789.64	67.94	--	--	3721.7	--
MW-12	2/27/19	3789.64	--	--	--	--	--
MW-12	5/20/19	3789.64	68.12	--	--	3721.52	--
MW-12	5/21/19	3789.64	--	--	--	--	--
MW-12	7/23/19	3789.64	68.3	--	--	3721.34	--
MW-12	7/23/19	3789.64	--	--	--	--	--
MW-12	10/22/19	3789.64	68.4	--	--	3721.24	--
MW-12	2/10/20	3789.64	68.64	--	--	3721	85.76
MW-12	5/1/20	3789.64	68.8	--	--	3720.84	--
MW-12	5/11/20	3789.64	68.79	--	--	3720.85	--
MW-12	6/18/20	3789.64	68.86	--	--	3720.78	--
MW-12	7/27/20	3789.64	68.94	--	--	3720.7	--
MW-12	8/27/20	3789.64	69.04	--	--	3720.6	--
MW-12	9/15/20	3789.64	69.06	--	--	3720.58	85.76
MW-12	10/28/20	3789.64	69.15	--	--	3720.49	--
MW-12	12/7/20	3789.64	69.25	--	--	3720.39	--
MW-13	2/20/20	3789.7	--	--	--	--	--
MW-13	2/26/20	3789.7	67.65	--	--	3722.05	90
MW-13	3/23/20	3789.7	67.8	--	--	3721.9	90.05
MW-13	5/1/20	3789.7	67.88	--	--	3721.82	--
MW-13	5/11/20	3789.7	67.89	--	--	3721.81	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
MW-13	6/18/20	3789.7	67.94	--	--	3721.76	--
MW-13	7/27/20	3789.7	68.02	--	--	3721.68	--
MW-13	8/27/20	3789.7	68.12	--	--	3721.58	--
MW-13	9/15/20	3789.7	68.15	--	--	3721.55	90.05
MW-13	10/28/20	3789.7	68.29	--	--	3721.41	--
MW-13	12/7/20	3789.7	68.45	--	--	3721.25	--
RW-1	6/16/11	3787.45	--	60.95	6.94	--	67.89
RW-1	9/6/11	3787.45	67.87	61.13	6.74	3725.039	68.03
RW-1	11/28/11	3787.45	67.82	61.21	6.61	3724.984	67.92
RW-1	3/5/12	3787.45	67.83	61.39	6.44	3724.836	67.93
RW-1	6/4/12	3787.45	67.61	61.5	6.11	3724.789	--
RW-1	9/10/12	3787.45	67.63	61.63	6	3724.68	--
RW-1	12/4/12	3787.45	67.7	61.79	5.91	3724.537	--
RW-1	3/4/13	3787.45	67.59	61.92	5.67	3724.453	--
RW-1	5/28/13	3787.45	67.65	62.08	5.57	3724.312	--
RW-1	8/28/13	3787.45	68.08	62.22	5.86	3724.117	--
RW-1	11/12/13	3787.45	--	62.37	5.63	--	68
RW-1	2/25/14	3787.45	--	62.55	5.6	--	68.15
RW-1	5/28/14	3787.45	67.85	62.66	5.19	3723.804	68.15
RW-1	6/10/14	3787.45	--	62.72	5.11	--	67.83
RW-1	9/3/14	3787.45	--	62.88	4.94	--	67.82
RW-1	11/18/14	3787.45	--	63.06	4.76	--	67.82
RW-1	3/3/15	3787.45	67.63	63.25	4.38	3723.368	--
RW-1	6/3/15	3787.45	67.47	63.39	4.08	3723.285	--
RW-1	8/11/15	3787.45	67.5	63.56	3.94	3723.141	--
RW-1	12/1/15	3787.45	67.52	63.8	3.72	3722.943	--
RW-1	2/8/16	3787.45	67.55	63.95	3.6	3722.816	--
RW-1	5/24/16	3787.45	67.49	64.14	3.35	3722.674	--
RW-1	8/30/16	3787.45	67.47	64.39	3.08	3722.475	--
RW-1	10/31/16	3787.45	67.43	64.48	2.95	3722.409	--
RW-1	2/27/17	3787.45	67.48	64.72	2.76	3722.206	--
RW-1	5/30/17	3787.45	67.48	64.9	2.58	3722.06	--
RW-1	6/13/17	3787.45	--	--	--	--	--
RW-1	6/27/17	3787.45	--	--	--	--	--
RW-1	7/5/17	3789.85	--	--	--	--	--
RW-1	7/19/17	3789.85	--	--	--	--	--
RW-1	8/28/17	3789.85	67.65	65.04	2.61	3724.314	--
RW-1	9/6/17	3789.85	--	--	--	--	--
RW-1	11/27/17	3789.85	67.58	65.19	2.39	3724.206	--
RW-1	2/27/18	3789.85	67.3	65.4	1.9	3724.089	67.87
RW-1	5/29/18	3789.85	--	65.5	2.47	--	67.97
RW-1	8/29/18	3789.85	--	65.68	2.24	--	67.92
RW-1	11/26/18	3789.85	--	65.91	2.17	--	68.08
RW-1	1/29/19	3789.85	--	--	--	--	--
RW-1	2/25/19	3789.85	68.04	66.09	1.95	3723.389	--
RW-1	4/24/19	3789.85	68.11	66.17	1.94	3723.311	--
RW-1	5/20/19	3789.85	68.04	66.24	1.8	3723.268	--
RW-1	6/11/19	3789.85	--	--	--	--	--
RW-1	6/18/19	3789.85	--	--	--	--	--
RW-1	6/25/19	3789.85	--	--	--	--	--
RW-1	7/3/19	3789.85	--	--	--	--	--
RW-1	7/8/19	3789.85	--	--	--	--	--
RW-1	7/23/19	3789.85	--	66.42	1.66	--	68.01
RW-1	8/7/19	3789.85	--	--	--	--	--
RW-1	8/13/19	3789.85	--	--	--	--	--
RW-1	8/20/19	3789.85	--	--	--	--	--
RW-1	8/28/19	3789.85	--	--	--	--	--
RW-1	9/3/19	3789.85	--	--	--	--	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-1	9/10/19	3789.85	--	--	--	--	--
RW-1	10/2/19	3789.85	--	--	--	--	--
RW-1	10/22/19	3789.85	--	66.55	1.37	--	--
RW-1	11/20/19	3789.85	--	--	--	--	--
RW-1	12/10/19	3789.85	--	--	--	--	--
RW-1	12/24/19	3789.85	--	--	--	--	--
RW-1	1/8/20	3789.85	--	--	--	--	--
RW-1	1/14/20	3789.85	--	--	--	--	--
RW-1	2/10/20	3789.85	68.14	66.76	1.38	3722.828	68.18
RW-1	2/25/20	3789.85	--	--	--	--	--
RW-1	5/1/20	3789.85	--	66.92	1.13	--	68.05
RW-1	5/11/20	3789.85	68.01	66.93	1.08	3722.715	--
RW-1	6/18/20	3789.85	68.04	67.02	1.02	3722.636	--
RW-1	7/27/20	3789.85	--	67.06	0.79	--	67.85
RW-1	8/27/20	3789.85	--	67.13	0.73	--	67.86
RW-1	9/15/20	3789.85	--	67.21	0.83	--	68.04
RW-1	10/28/20	3789.85	--	67.29	0.47	--	67.76
RW-1	12/7/20	3789.85	--	67.36	0.53	--	67.89
RW-2	6/16/11	3787.83	67	63.15	3.85	3723.948	68.25
RW-2	9/6/11	3787.83	67.99	61.51	6.48	3725.089	68.87
RW-2	11/28/11	3787.83	67.96	61.58	6.38	3725.038	68.35
RW-2	3/5/12	3787.83	67.91	61.7	6.21	3724.95	68.2
RW-2	6/4/12	3787.83	67.91	62.72	5.19	3724.124	--
RW-2	9/10/12	3787.83	67.79	62.61	5.18	3724.236	--
RW-2	12/4/12	3787.83	67.94	63.12	4.82	3723.794	--
RW-2	3/4/13	3787.83	67.89	63.31	4.58	3723.65	--
RW-2	6/4/13	3787.83	68.03	64.2	3.83	3722.902	--
RW-2	8/28/13	3787.83	67.67	63.69	3.98	3723.384	--
RW-2	11/12/13	3787.83	67.41	63.13	4.28	3723.887	--
RW-2	2/25/14	3787.83	--	64.43	3.84	--	68.27
RW-2	5/28/14	3787.83	68.26	63.08	5.18	3723.766	68.27
RW-2	6/24/14	3787.83	--	63.08	5.19	--	68.27
RW-2	7/8/14	3787.83	65.2	64.57	0.63	3723.14	68.27
RW-2	9/3/14	3787.83	67.9	63.21	4.69	3723.729	68.27
RW-2	11/18/14	3787.83	67.9	63.4	4.5	3723.575	68.27
RW-2	3/3/15	3787.83	67.9	63.66	4.24	3723.365	--
RW-2	6/3/15	3787.83	67.87	63.68	4.19	3723.354	--
RW-2	8/11/15	3787.83	67.89	63.83	4.06	3723.229	--
RW-2	12/1/15	3787.83	67.89	64.04	3.85	3723.059	--
RW-2	2/8/16	3787.83	67.95	64.2	3.75	3722.917	--
RW-2	5/24/16	3787.83	67.79	64.37	3.42	3722.81	--
RW-2	8/30/16	3787.83	67.86	64.6	3.26	3722.611	--
RW-2	10/31/16	3787.83	67.9	64.7	3.2	3722.522	--
RW-2	1/17/17	3787.83	--	--	--	--	--
RW-2	2/27/17	3787.83	67.92	64.93	2.99	3722.332	--
RW-2	4/3/17	3787.83	--	--	--	--	--
RW-2	4/25/17	3787.83	--	--	--	--	--
RW-2	5/10/17	3787.83	--	--	--	--	--
RW-2	5/30/17	3787.83	67.94	65.13	2.81	3722.166	--
RW-2	6/7/17	3787.83	--	--	--	--	--
RW-2	6/13/17	3787.83	--	--	--	--	--
RW-2	6/27/17	3787.83	--	--	--	--	--
RW-2	7/5/17	3790.24	--	--	--	--	--
RW-2	7/13/17	3790.24	--	--	--	--	--
RW-2	7/19/17	3790.24	--	--	--	--	--
RW-2	7/25/17	3790.24	--	--	--	--	--
RW-2	8/2/17	3790.24	--	--	--	--	--
RW-2	8/9/17	3790.24	--	--	--	--	--

Table 1b

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**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-2	8/16/17	3790.24	--	--	--	--	--
RW-2	8/28/17	3790.24	67.92	65.33	2.59	3724.418	--
RW-2	9/6/17	3790.24	--	--	--	--	--
RW-2	9/13/17	3790.24	--	--	--	--	--
RW-2	9/19/17	3790.24	--	--	--	--	--
RW-2	10/11/17	3790.24	--	--	--	--	--
RW-2	10/18/17	3790.24	--	--	--	--	--
RW-2	10/24/17	3790.24	--	--	--	--	--
RW-2	11/1/17	3790.24	--	--	--	--	--
RW-2	11/14/17	3790.24	--	--	--	--	--
RW-2	11/22/17	3790.24	--	--	--	--	--
RW-2	11/27/17	3790.24	67.88	65.74	2.14	3724.094	--
RW-2	12/5/17	3790.24	--	--	--	--	--
RW-2	12/12/17	3790.24	--	--	--	--	--
RW-2	12/20/17	3790.24	--	--	--	--	--
RW-2	2/27/18	3790.24	67.95	65.9	2.05	3723.95	68.29
RW-2	5/29/18	3790.24	67.97	65.86	2.11	3723.979	--
RW-2	8/29/18	3790.24	--	66.03	2.25	--	68.28
RW-2	11/26/18	3790.24	--	66.2	2.34	--	68.54
RW-2	1/29/19	3790.24	--	--	--	--	--
RW-2	2/25/19	3790.24	68.51	66.46	2.05	3723.39	68.3
RW-2	4/24/19	3790.24	68.54	66.48	2.06	3723.369	--
RW-2	5/20/19	3790.24	--	66.53	1.77	--	68.3
RW-2	6/11/19	3790.24	--	--	--	--	--
RW-2	6/18/19	3790.24	--	--	--	--	--
RW-2	6/25/19	3790.24	--	--	--	--	--
RW-2	7/3/19	3790.24	--	--	--	--	--
RW-2	7/8/19	3790.24	--	--	--	--	--
RW-2	7/23/19	3790.24	--	66.73	1.57	--	68.4
RW-2	8/7/19	3790.24	--	--	--	--	--
RW-2	8/13/19	3790.24	--	--	--	--	--
RW-2	8/20/19	3790.24	--	--	--	--	--
RW-2	8/28/19	3790.24	--	--	--	--	--
RW-2	9/3/19	3790.24	--	--	--	--	--
RW-2	9/10/19	3790.24	--	--	--	--	--
RW-2	10/2/19	3790.24	--	--	--	--	--
RW-2	10/22/19	3790.24	--	66.89	1.65	--	--
RW-2	11/20/19	3790.24	--	--	--	--	--
RW-2	12/10/19	3790.24	--	--	--	--	--
RW-2	12/23/19	3790.24	--	--	--	--	--
RW-2	1/8/20	3790.24	--	--	--	--	--
RW-2	1/14/20	3790.24	--	--	--	--	--
RW-2	2/10/20	3790.24	--	67.09	1.43	--	68.52
RW-2	5/1/20	3790.24	--	67.21	1.19	--	68.4
RW-2	5/11/20	3790.24	68.52	67.24	1.28	3722.757	--
RW-2	6/18/20	3790.24	68.4	67.33	1.07	3722.707	--
RW-2	7/27/20	3790.24	--	67.37	0.83	--	68.2
RW-2	8/27/20	3790.24	--	67.42	0.82	--	68.24
RW-2	9/15/20	3790.24	--	67.52	0.9	--	68.42
RW-2	10/28/20	3790.24	--	67.61	0.8	--	68.41
RW-2	12/7/20	3790.24	68.43	67.69	0.74	3722.409	--
RW-3	6/16/11	3787.81	69.43	62.59	6.84	3723.92	71.2
RW-3	9/6/11	3787.81	69.43	61.65	7.78	3724.682	72.59
RW-3	11/28/11	3787.81	69.51	61.72	7.79	3724.61	71.3
RW-3	3/5/12	3787.81	69.78	61.82	7.96	3724.478	71.18
RW-3	6/4/12	3787.81	69.32	62.55	6.77	3723.974	--
RW-3	9/10/12	3787.81	69.03	62.4	6.63	3724.15	--
RW-3	12/4/12	3787.81	70.51	63.4	7.11	3723.059	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-3	3/4/13	3787.81	70.8	63.82	6.98	3722.664	--
RW-3	6/4/13	3787.81	70.56	63.73	6.83	3722.782	--
RW-3	8/28/13	3787.81	69.76	63.32	6.44	3723.266	--
RW-3	11/12/13	3787.81	70.07	63	7.07	3723.467	--
RW-3	2/25/14	3787.81	70.75	63.02	7.73	3723.321	--
RW-3	5/28/14	3787.81	70.55	63.23	7.32	3723.189	71.18
RW-3	6/10/14	3787.81	70.77	63.25	7.52	3723.131	71.18
RW-3	9/3/14	3787.81	70.76	63.45	7.31	3722.971	71.18
RW-3	11/1/14	3787.81	--	--	--	--	--
RW-3	11/18/14	3787.81	--	63.61	7.57	--	71.18
RW-3	3/3/15	3787.81	70.21	63.97	6.24	3722.654	--
RW-3	6/3/15	3787.81	70.73	63.99	6.74	3722.539	--
RW-3	8/11/15	3787.81	70.82	64.2	6.62	3722.352	--
RW-3	12/1/15	3787.81	70.78	64.42	6.36	3722.182	--
RW-3	2/8/16	3787.81	70.83	64.58	6.25	3722.042	--
RW-3	5/24/16	3787.81	70.72	65.1	5.62	3721.642	--
RW-3	8/30/16	3787.81	70.79	65.25	5.54	3721.507	--
RW-3	10/31/16	3787.81	70.75	65.07	5.68	3721.661	--
RW-3	2/27/17	3787.81	71.62	66.15	5.47	3720.621	--
RW-3	4/25/17	3787.81	--	--	--	--	--
RW-3	5/10/17	3787.81	--	--	--	--	--
RW-3	5/30/17	3787.81	70.73	65.47	5.26	3721.341	--
RW-3	6/13/17	3787.81	--	--	--	--	--
RW-3	6/27/17	3787.81	--	--	--	--	--
RW-3	7/5/17	3790.24	--	--	--	--	--
RW-3	7/13/17	3790.24	--	--	--	--	--
RW-3	7/19/17	3790.24	--	--	--	--	--
RW-3	7/25/17	3790.24	--	--	--	--	--
RW-3	8/2/17	3790.24	--	--	--	--	--
RW-3	8/9/17	3790.24	--	--	--	--	--
RW-3	8/16/17	3790.24	--	--	--	--	--
RW-3	8/28/17	3790.24	70.77	65.65	5.12	3723.617	--
RW-3	9/6/17	3790.24	--	--	--	--	--
RW-3	9/13/17	3790.24	--	--	--	--	--
RW-3	9/19/17	3790.24	--	--	--	--	--
RW-3	10/11/17	3790.24	--	--	--	--	--
RW-3	10/18/17	3790.24	--	--	--	--	--
RW-3	10/24/17	3790.24	--	--	--	--	--
RW-3	11/7/17	3790.24	--	--	--	--	--
RW-3	11/14/17	3790.24	--	--	--	--	--
RW-3	11/22/17	3790.24	--	--	--	--	--
RW-3	11/27/17	3790.24	69.46	66.36	3.1	3723.291	--
RW-3	12/5/17	3790.24	--	--	--	--	--
RW-3	12/12/17	3790.24	--	--	--	--	--
RW-3	12/20/17	3790.24	--	--	--	--	--
RW-3	2/27/18	3790.24	70.02	66.44	3.58	3723.12	71.27
RW-3	5/29/18	3790.24	70.76	66.13	4.63	3723.23	--
RW-3	8/29/18	3790.24	70.72	66.25	4.47	3723.141	71.27
RW-3	11/26/18	3790.24	70.5	66.73	3.77	3722.794	--
RW-3	1/29/19	3790.24	--	--	--	--	--
RW-3	2/6/19	3790.24	--	--	--	--	--
RW-3	2/25/19	3790.24	70.76	66.63	4.13	3722.825	--
RW-3	5/20/19	3790.24	70.49	67.29	3.2	3722.342	--
RW-3	7/16/19	3790.24	71.34	67.77	3.57	3721.792	--
RW-3	7/23/19	3790.24	71.33	67.52	3.81	3721.996	--
RW-3	10/22/19	3790.24	69.8	67.2	2.6	3722.546	--
RW-3	2/10/20	3790.24	70.75	67.32	3.43	3722.268	71.3
RW-3	5/1/20	3790.24	--	--	--	--	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-3	5/11/20	3790.24	70.75	67.82	2.93	3721.863	--
RW-3	6/18/20	3790.24	70.73	67.61	3.12	3722.037	--
RW-3	7/27/20	3790.24	70.71	67.65	3.06	3722.009	--
RW-3	8/27/20	3790.24	70.71	67.7	3.01	3721.968	--
RW-3	9/15/20	3790.24	70.71	67.78	2.93	3721.903	--
RW-3	10/28/20	3790.24	70.71	67.88	2.83	3721.822	--
RW-3	12/7/20	3790.24	70.71	67.88	2.83	3721.822	--
RW-4	6/16/11	3787.74	67.62	62.19	5.43	3724.518	72.18
RW-4	9/6/11	3787.74	68.98	61.75	7.23	3724.616	72.31
RW-4	11/28/11	3787.74	67.77	62.11	5.66	3724.555	72.24
RW-4	3/5/12	3787.74	69.22	62.43	6.79	3724.02	72.15
RW-4	6/4/12	3787.74	69.53	62.5	7.03	3723.904	--
RW-4	9/10/12	3787.74	69.13	62.41	6.72	3724.053	--
RW-4	12/4/12	3787.74	69.28	63.71	5.57	3722.972	--
RW-4	3/4/13	3787.74	70.1	63.38	6.72	3723.083	--
RW-4	6/4/13	3787.74	69.45	63.47	5.98	3723.134	--
RW-4	8/28/13	3787.74	69.45	63.19	6.26	3723.361	--
RW-4	11/12/13	3787.74	69.96	63.07	6.89	3723.361	--
RW-4	2/25/14	3787.74	70.92	63.09	7.83	3723.162	--
RW-4	5/28/14	3787.74	71	63.73	7.27	3722.629	72.15
RW-4	6/10/14	3787.74	71.05	63.77	7.28	3722.587	72.15
RW-4	7/8/14	3787.74	65.55	64.46	1.09	3723.073	72.15
RW-4	9/3/14	3787.74	70.3	63.58	6.72	3722.883	72.15
RW-4	11/18/14	3787.74	70.1	63.8	6.3	3722.743	72.15
RW-4	3/3/15	3787.74	68.49	64.64	3.85	3722.368	--
RW-4	6/3/15	3787.74	71.37	64.16	7.21	3722.21	--
RW-4	8/11/15	3787.74	69.39	64.84	4.55	3722.035	--
RW-4	12/1/15	3787.74	67.69	65.17	2.52	3722.091	--
RW-4	2/8/16	3787.74	70.57	64.96	5.61	3721.714	--
RW-4	5/24/16	3787.74	68.8	65.93	2.87	3721.265	--
RW-4	8/30/16	3787.74	70.5	66.09	4.41	3720.812	--
RW-4	10/31/16	3787.74	71.01	65.51	5.5	3721.185	--
RW-4	11/30/16	3787.74	--	--	--	--	--
RW-4	12/7/16	3787.74	--	--	--	--	--
RW-4	1/17/17	3787.74	--	--	--	--	--
RW-4	2/15/17	3787.74	--	--	--	--	--
RW-4	2/27/17	3787.74	70.97	65.58	5.39	3721.136	--
RW-4	4/25/17	3787.74	--	--	--	--	--
RW-4	5/10/17	3787.74	--	--	--	--	--
RW-4	5/30/17	3787.74	71.01	65.75	5.26	3720.99	--
RW-4	6/13/17	3787.74	--	--	--	--	--
RW-4	6/27/17	3787.74	--	--	--	--	--
RW-4	7/5/17	3790.2	--	--	--	--	--
RW-4	7/13/17	3790.2	--	--	--	--	--
RW-4	7/19/17	3790.2	--	--	--	--	--
RW-4	7/25/17	3790.2	--	--	--	--	--
RW-4	8/2/17	3790.2	--	--	--	--	--
RW-4	8/9/17	3790.2	--	--	--	--	--
RW-4	8/28/17	3790.2	--	65.94	0.86	--	66.8
RW-4	9/6/17	3790.2	--	--	--	--	--
RW-4	11/27/17	3790.2	--	66.04	0.76	--	66.8
RW-4	2/27/18	3790.2	--	--	--	--	66.81
RW-4	5/29/18	3790.2	--	--	--	--	66.08
RW-4	8/29/18	3790.2	66.97	66.46	0.51	3723.643	66.81
RW-4	11/26/18	3790.2	--	--	--	--	67.06
RW-4	2/25/19	3790.2	--	--	--	--	--
RW-4	5/20/19	3790.2	67.1	66.98	0.12	3723.197	--
RW-4	7/23/19	3790.2	--	--	--	--	66.95

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-4	10/22/19	3790.2	--	--	--	--	--
RW-4	2/19/20	--	--	--	--	--	--
RW-4R	2/24/20	3789.19	--	--	--	--	--
RW-4R	2/26/20	3789.19	67.69	67.6	0.09	3721.573	90.11
RW-4R	3/23/20	3789.19	69.05	67.53	1.52	3721.371	90.05
RW-4R	5/1/20	3789.19	72.04	66.96	5.08	3721.265	--
RW-4R	5/11/20	3789.19	72.51	66.89	5.62	3721.232	--
RW-4R	6/18/20	3789.19	--	--	--	--	--
RW-4R	7/27/20	3789.19	--	--	--	--	--
RW-4R	8/27/20	3789.19	--	--	--	--	--
RW-4R	9/15/20	3789.19	72.65	67.21	5.44	3720.946	--
RW-4R	10/28/20	3789.19	72.26	67.38	4.88	3720.883	--
RW-4R	12/7/20	3789.19	--	--	--	--	--
RW-5	6/16/11	3787.38	66.03	61.21	4.82	3725.254	71.74
RW-5	9/6/11	3787.38	68.73	61.38	7.35	3724.604	72.81
RW-5	11/28/11	3787.38	68.33	61.59	6.74	3724.51	71.79
RW-5	3/5/12	3787.38	68.38	61.78	6.6	3724.346	71.83
RW-5	6/4/12	3787.38	66.62	62.41	4.21	3724.17	--
RW-5	9/10/12	3787.38	68.55	62.07	6.48	3724.079	68.55
RW-5	12/4/12	3787.38	68.34	62.35	5.99	3723.892	--
RW-5	3/4/13	3787.38	68.9	62.39	6.51	3723.753	--
RW-5	5/28/13	3787.38	69.52	62.44	7.08	3723.595	--
RW-5	8/28/13	3787.38	69.7	62.55	7.15	3723.471	--
RW-5	11/12/13	3787.38	67.92	63.14	4.78	3723.332	--
RW-5	2/25/14	3787.38	68.45	63.21	5.24	3723.174	--
RW-5	5/28/14	3787.38	69.68	63.12	6.56	3723.014	68.55
RW-5	6/24/14	3787.38	69.7	63.19	6.51	3722.953	68.55
RW-5	7/8/14	3787.38	69.5	63.25	6.25	3722.942	68.55
RW-5	9/3/14	3787.38	69.84	63.3	6.54	3722.837	68.55
RW-5	11/18/14	3787.38	69.35	63.6	5.75	3722.688	68.55
RW-5	3/3/15	3787.38	69.78	63.74	6.04	3722.492	--
RW-5	6/3/15	3787.38	66.52	64.6	1.92	3722.415	--
RW-5	8/11/15	3787.38	69.47	64.18	5.29	3722.195	--
RW-5	12/1/15	3787.38	67.69	64.79	2.9	3722.039	--
RW-5	2/8/16	3787.38	68.59	64.74	3.85	3721.908	--
RW-5	5/24/16	3787.38	69.3	65	4.3	3721.563	--
RW-5	8/30/16	3787.38	69.88	65.22	4.66	3721.275	--
RW-5	10/31/16	3787.38	70.5	65.04	5.46	3721.302	--
RW-5	2/27/17	3787.38	69.72	65.43	4.29	3721.135	--
RW-5	5/30/17	3787.38	71.17	65.58	5.59	3720.738	--
RW-5	6/13/17	3787.38	--	--	--	--	--
RW-5	6/27/17	3787.38	--	--	--	--	--
RW-5	7/19/17	3789.81	--	--	--	--	--
RW-5	8/28/17	3789.81	70.77	65.67	5.1	3723.171	--
RW-5	10/18/17	3789.81	--	--	--	--	--
RW-5	11/27/17	3789.81	71.14	65.74	5.4	3723.044	--
RW-5	2/27/18	3789.81	71.06	66	5.06	3722.849	71.73
RW-5	5/29/18	3789.81	71.85	66.08	5.77	3722.634	--
RW-5	8/29/18	3789.81	69.43	66.71	2.72	3722.583	71.84
RW-5	11/26/18	3789.81	70.75	66.46	4.29	3722.535	--
RW-5	2/25/19	3789.81	71.22	66.84	4.38	3722.138	--
RW-5	5/20/19	3789.81	68.38	67.58	0.8	3722.078	--
RW-5	6/10/19	3789.81	68.85	67.5	1.35	3722.053	--
RW-5	7/16/19	3789.81	68.17	67.79	0.38	3721.948	--
RW-5	7/23/19	3789.81	68.37	67.8	0.57	3721.902	--
RW-5	8/13/19	3789.81	--	--	--	--	--
RW-5	8/20/19	3789.81	--	--	--	--	--
RW-5	8/28/19	3789.81	--	--	--	--	--



Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-5	9/3/19	3789.81	--	--	--	--	--
RW-5	9/10/19	3789.81	--	--	--	--	--
RW-5	10/2/19	3789.81	--	--	--	--	--
RW-5	10/22/19	3789.81	69.26	67.78	1.48	3721.749	--
RW-5	11/13/19	3789.81	70.14	67.68	2.46	3721.663	--
RW-5	11/20/19	3789.81	--	--	--	--	--
RW-5	12/10/19	3789.81	--	--	--	--	--
RW-5	12/23/19	3789.81	--	--	--	--	--
RW-5	1/8/20	3789.81	--	--	--	--	--
RW-5	1/14/20	3789.81	--	--	--	--	--
RW-5	2/10/20	3789.81	69.87	67.9	1.97	3721.536	71.7
RW-5	2/25/20	3789.81	--	--	--	--	--
RW-5	5/1/20	3789.81	--	67.48	4.16	--	71.64
RW-5	5/11/20	3789.81	71.63	67.48	4.15	3721.542	--
RW-5	6/18/20	3789.81	--	--	--	--	--
RW-5	7/27/20	3789.81	--	--	--	--	--
RW-5	8/27/20	3789.81	--	--	--	--	--
RW-5	9/15/20	3789.81	69.27	68.64	0.63	3721.05	--
RW-5	10/28/20	3789.81	70.76	68.4	2.36	3720.962	--
RW-5	12/7/20	3789.81	--	68.18	3.47	--	71.65
RW-6	6/16/11	3787.22	67.86	60.78	7.08	3725.095	71.81
RW-6	9/6/11	3787.22	69.02	60.98	8.04	3724.712	72.08
RW-6	11/28/11	3787.22	69.01	60.96	8.05	3724.73	72.09
RW-6	3/5/12	3787.22	69.16	60.1	9.06	3725.399	71.87
RW-6	6/4/12	3787.22	--	61.21	7.74	--	69.05
RW-6	9/10/12	3787.22	69.87	61.34	8.53	3724.259	--
RW-6	12/4/12	3787.22	69.7	61.55	8.15	3724.122	--
RW-6	3/4/13	3787.22	69.87	61.66	8.21	3724	--
RW-6	5/28/13	3787.22	70.13	61.79	8.34	3723.845	--
RW-6	8/28/13	3787.22	70.25	61.93	8.32	3723.709	--
RW-6	11/12/13	3787.22	--	62.13	8	--	70.13
RW-6	2/25/14	3787.22	--	62.28	8.32	--	70.6
RW-6	5/28/14	3787.22	--	62.43	8.17	--	70.6
RW-6	6/10/14	3787.22	70.62	62.47	8.15	3723.201	70.6
RW-6	7/8/14	3787.22	64.51	63.85	0.66	3723.245	70.6
RW-6	9/3/14	3787.22	--	62.67	7.93	--	70.6
RW-6	11/1/14	3787.22	--	--	--	--	--
RW-6	11/18/14	3787.22	--	62.85	7.75	--	70.6
RW-6	3/3/15	3787.22	67.6	63.79	3.81	3722.706	--
RW-6	6/3/15	3787.22	66.82	64.05	2.77	3722.644	--
RW-6	8/11/15	3787.22	68.09	63.98	4.11	3722.459	--
RW-6	12/1/15	3787.22	67.37	64.39	2.98	3722.264	--
RW-6	2/8/16	3787.22	69.04	64.01	5.03	3722.254	--
RW-6	5/24/16	3787.22	--	63.96	--	--	70.74
RW-6	8/30/16	3787.22	--	65.07	--	--	69.21
RW-6	10/31/16	3787.22	68.82	64.33	4.49	3722.037	--
RW-6	11/9/16	3787.22	--	--	--	--	--
RW-6	11/30/16	3787.22	--	--	--	--	--
RW-6	1/17/17	3787.22	--	--	--	--	--
RW-6	2/15/17	3787.22	--	--	--	--	--
RW-6	2/27/17	3787.22	--	64.77	3.93	--	68.7
RW-6	4/25/17	3787.22	--	--	--	--	--
RW-6	5/10/17	3787.22	--	--	--	--	--
RW-6	5/30/17	3787.22	--	65	3.21	--	68.21
RW-6	6/13/17	3787.22	--	--	--	--	--
RW-6	7/5/17	3789.56	--	--	--	--	--
RW-6	7/13/17	3789.56	--	--	--	--	--
RW-6	7/25/17	3789.56	--	--	--	--	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-6	8/2/17	3789.56	--	--	--	--	--
RW-6	8/9/17	3789.56	--	--	--	--	--
RW-6	8/16/17	3789.56	--	--	--	--	--
RW-6	8/28/17	3789.56	67.87	65.77	2.1	3723.391	--
RW-6	9/6/17	3789.56	--	--	--	--	--
RW-6	9/13/17	3789.56	--	--	--	--	--
RW-6	9/19/17	3789.56	--	--	--	--	--
RW-6	10/11/17	3789.56	--	--	--	--	--
RW-6	10/24/17	3789.56	--	--	--	--	--
RW-6	11/7/17	3789.56	--	--	--	--	--
RW-6	11/14/17	3789.56	--	--	--	--	--
RW-6	11/22/17	3789.56	--	--	--	--	--
RW-6	11/27/17	3789.56	66.91	66.12	0.79	3723.29	--
RW-6	12/5/17	3789.56	--	--	--	--	--
RW-6	12/12/17	3789.56	--	--	--	--	--
RW-6	12/20/17	3789.56	--	--	--	--	--
RW-6	2/27/18	3789.56	--	--	--	--	--
RW-6	5/29/18	3789.56	70.48	65.83	4.65	3722.846	--
RW-6	8/29/18	3789.56	69.05	66.26	2.79	3722.77	68.86
RW-6	11/26/18	3789.56	68.56	66.4	2.16	3722.75	--
RW-6	1/29/19	3789.56	--	--	--	--	--
RW-6	2/25/19	3789.56	--	66.2	2.66	--	68.86
RW-6	5/8/19	3789.56	--	--	--	--	--
RW-6	5/20/19	3789.56	--	66.8	2.06	--	68.86
RW-6	6/11/19	3789.56	--	--	--	--	--
RW-6	6/18/19	3789.56	--	--	--	--	--
RW-6	6/25/19	3789.56	--	--	--	--	--
RW-6	7/8/19	3789.56	--	--	--	--	--
RW-6	7/16/19	3789.56	--	66.77	1.95	--	68.86
RW-6	7/23/19	3789.56	--	66.35	2.51	--	68.7
RW-6	8/7/19	3789.56	--	--	--	--	--
RW-6	8/13/19	3789.56	--	--	--	--	--
RW-6	8/20/19	3789.56	--	--	--	--	--
RW-6	8/28/19	3789.56	--	--	--	--	--
RW-6	9/3/19	3789.56	--	--	--	--	--
RW-6	9/10/19	3789.56	--	--	--	--	--
RW-6	10/2/19	3789.56	--	--	--	--	--
RW-6	10/22/19	3789.56	--	66.49	2.37	--	--
RW-6	12/10/19	3789.56	--	--	--	--	--
RW-6	1/14/20	3789.56	--	--	--	--	--
RW-6	2/10/20	3789.56	--	66.63	4.16	--	70.79
RW-6	5/1/20	3789.56	--	--	--	--	--
RW-6	5/11/20	3789.56	70.66	66.82	3.84	3722.01	--
RW-6	6/18/20	3789.56	--	--	--	--	--
RW-6	7/27/20	3789.56	--	--	--	--	--
RW-6	8/27/20	3789.56	--	--	--	--	--
RW-6	9/15/20	3789.56	--	67.13	1.61	--	68.74
RW-6	10/28/20	3789.56	71.63	67.22	4.41	3721.502	--
RW-6	12/7/20	3789.56	--	67.29	3.75	--	71.04
RW-7	6/16/11	3787.4	--	--	--	--	60.2
RW-7	9/6/11	3787.4	--	--	--	--	60.98
RW-7	11/28/11	3787.4	--	--	--	--	60.98
RW-7	3/5/12	3787.4	--	--	--	--	61.22
RW-7	6/4/12	3787.4	--	--	--	--	--
RW-7	9/10/12	3787.4	--	--	--	--	60.29
RW-7	12/4/12	3787.4	--	--	--	--	60.25
RW-7	3/4/13	3787.4	--	--	--	--	60.3
RW-7	5/28/13	3787.4	--	--	--	--	60.24

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-7	8/28/13	3787.4	--	--	--	--	60.3
RW-7	11/12/13	3787.4	--	--	--	--	60.33
RW-7	2/25/14	3787.4	--	--	--	--	60.31
RW-7	5/28/14	3787.4	--	--	--	--	59.9
RW-7	9/3/14	3787.4	--	--	--	--	60.31
RW-7	10/8/14	--	--	--	--	--	--
RW-7R	11/18/14	3787.65	67.52	64.1	3.42	3722.9	80.15
RW-7R	3/3/15	3787.65	69.64	63.89	5.75	3722.667	--
RW-7R	6/3/15	3787.65	70.72	63.79	6.93	3722.543	--
RW-7R	8/11/15	3787.65	68.54	64.46	4.08	3722.415	--
RW-7R	12/1/15	3787.65	70.89	64.19	6.7	3722.187	--
RW-7R	2/8/16	3787.65	70.12	64.54	5.58	3722.05	--
RW-7R	4/6/16	3787.65	--	--	--	--	--
RW-7R	5/24/16	3787.65	70.28	64.74	5.54	3721.857	--
RW-7R	5/27/16	3787.65	--	--	--	--	--
RW-7R	6/1/16	3787.65	--	--	--	--	--
RW-7R	7/6/16	3787.65	--	--	--	--	--
RW-7R	8/30/16	3787.65	67.5	65.15	2.35	3722.053	--
RW-7R	10/31/16	3787.65	70.93	65.08	5.85	3721.458	--
RW-7R	2/27/17	3787.65	69.11	67.18	1.93	3720.103	--
RW-7R	4/25/17	3787.65	--	--	--	--	--
RW-7R	5/10/17	3787.65	--	--	--	--	--
RW-7R	5/30/17	3787.65	69.95	66.36	3.59	3720.608	--
RW-7R	6/13/17	3787.65	--	--	--	--	--
RW-7R	6/27/17	3787.65	--	--	--	--	--
RW-7R	7/19/17	3790.58	--	--	--	--	--
RW-7R	8/28/17	3790.58	70.67	65.74	4.93	3723.903	--
RW-7R	11/27/17	3790.58	71.36	65.76	5.6	3723.756	--
RW-7R	2/27/18	3790.58	68.24	66.68	1.56	3723.604	81.34
RW-7R	5/29/18	3790.58	68.73	66.95	1.78	3723.292	--
RW-7R	8/29/18	3790.58	68.16	67.08	1.08	3723.295	81.34
RW-7R	11/26/18	3790.58	68.21	67.28	0.93	3723.123	--
RW-7R	12/4/18	3790.58	68.5	67.24	1.26	3723.101	--
RW-7R	2/25/19	3790.58	68.39	67.5	0.89	3722.911	--
RW-7R	4/24/19	3790.58	68.05	67.68	0.37	3722.83	--
RW-7R	5/20/19	3790.58	68.62	67.61	1.01	3722.778	--
RW-7R	6/11/19	3790.58	--	--	--	--	--
RW-7R	6/18/19	3790.58	--	--	--	--	--
RW-7R	6/25/19	3790.58	--	--	--	--	--
RW-7R	7/3/19	3790.58	--	--	--	--	--
RW-7R	7/8/19	3790.58	--	--	--	--	--
RW-7R	7/16/19	3790.58	68.44	67.8	0.64	3722.658	--
RW-7R	7/23/19	3790.58	68.6	67.8	0.8	3722.628	--
RW-7R	8/7/19	3790.58	--	--	--	--	--
RW-7R	8/20/19	3790.58	--	--	--	--	--
RW-7R	8/28/19	3790.58	--	--	--	--	--
RW-7R	9/3/19	3790.58	--	--	--	--	--
RW-7R	9/10/19	3790.58	--	--	--	--	--
RW-7R	10/2/19	3790.58	--	--	--	--	--
RW-7R	10/22/19	3790.58	69.12	67.9	1.22	3722.448	--
RW-7R	11/20/19	3790.58	--	--	--	--	--
RW-7R	12/24/19	3790.58	--	--	--	--	--
RW-7R	1/14/20	3790.58	--	--	--	--	--
RW-7R	1/29/20	3790.58	69.1	68.15	0.95	3722.25	--
RW-7R	2/10/20	3790.58	68.48	68.26	0.22	3722.278	81.23
RW-7R	2/25/20	3790.58	--	--	--	--	--
RW-7R	5/1/20	3790.58	69.93	68.18	1.75	3722.067	--
RW-7R	5/11/20	3790.58	70.08	68.13	1.95	3722.08	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-7R	6/18/20	3790.58	70.69	68.18	2.51	3721.923	--
RW-7R	7/27/20	3790.58	71.2	68.14	3.06	3721.859	--
RW-7R	8/27/20	3790.58	71.51	68.1	3.41	3721.832	--
RW-7R	9/15/20	3789.9	71.8	68.19	3.61	3721.024	--
RW-7R	10/28/20	3789.9	72.14	68.22	3.92	3720.935	--
RW-7R	12/7/20	3789.9	72.35	68.23	4.12	3720.887	--
RW-8	11/18/14	3787.4	71.1	63	8.1	3722.861	80.64
RW-8	3/3/15	3787.4	71.08	63.23	7.85	3722.678	--
RW-8	6/3/15	3787.4	71.46	63.32	8.14	3722.533	--
RW-8	8/11/15	3787.4	70.84	63.61	7.23	3722.416	--
RW-8	12/1/15	3787.4	71.49	63.78	7.71	3722.155	--
RW-8	2/8/16	3787.4	71.43	63.92	7.51	3722.053	--
RW-8	4/6/16	3787.4	--	--	--	--	--
RW-8	5/24/16	3787.4	71.57	64.13	7.44	3721.856	--
RW-8	5/27/16	3787.4	--	--	--	--	--
RW-8	6/1/16	3787.4	--	--	--	--	--
RW-8	7/6/16	3787.4	--	--	--	--	--
RW-8	8/30/16	3787.4	71.75	64.38	7.37	3721.62	--
RW-8	10/31/16	3787.4	71.81	64.44	7.37	3721.56	--
RW-8	11/9/16	3787.4	--	--	--	--	--
RW-8	2/27/17	3787.4	72.08	64.7	7.38	3721.298	--
RW-8	4/25/17	3787.4	--	--	--	--	--
RW-8	5/10/17	3787.4	--	--	--	--	--
RW-8	5/30/17	3787.4	72.13	65.14	6.99	3720.932	--
RW-8	6/13/17	3787.4	--	--	--	--	--
RW-8	6/27/17	3787.4	--	--	--	--	--
RW-8	7/19/17	3790.01	--	--	--	--	--
RW-8	8/28/17	3790.01	72.12	65.1	7.02	3723.576	--
RW-8	11/27/17	3790.01	72.46	65.21	7.25	3723.423	--
RW-8	2/27/18	3790.01	71.55	65.61	5.94	3723.271	82.94
RW-8	5/29/18	3790.01	70.44	66.08	4.36	3723.102	--
RW-8	8/29/18	3790.01	69.25	66.5	2.75	3722.988	82.94
RW-8	11/26/18	3790.01	69.88	66.65	3.23	3722.746	--
RW-8	2/25/19	3790.01	72.29	66.64	5.65	3722.296	--
RW-8	5/20/19	3790.01	72.75	66.41	6.34	3722.396	--
RW-8	7/16/19	3790.01	72.31	66.68	5.63	3722.26	--
RW-8	7/23/19	3790.01	72.67	66.65	6.02	3722.216	--
RW-8	8/13/19	3790.01	--	--	--	--	--
RW-8	10/22/19	3790.01	71.54	67.04	4.5	3722.115	--
RW-8	2/10/20	3790.01	73.08	67	6.08	3721.855	82.82
RW-8	5/1/20	3790.01	--	--	--	--	--
RW-8	5/11/20	3790.01	70.96	67.63	3.33	3721.747	--
RW-8	6/18/20	3790.01	72.93	67.34	5.59	3721.608	--
RW-8	7/27/20	3790.01	73.53	67.28	6.25	3721.542	--
RW-8	8/27/20	3790.01	73.74	67.31	6.43	3721.478	--
RW-8	9/15/20	3790.01	73.91	67.39	6.52	3721.381	--
RW-8	10/28/20	3790.01	74.11	67.46	6.65	3721.287	--
RW-8	12/7/20	3790.01	74.24	67.52	6.72	3721.213	--
RW-9	11/18/14	3787.57	65.51	64.75	0.76	3722.676	80.5
RW-9	3/3/15	3787.57	65.99	64.89	1.1	3722.471	--
RW-9	6/3/15	3787.57	66.2	64.9	1.3	3722.423	--
RW-9	8/11/15	3787.57	66.12	65.21	0.91	3722.187	--
RW-9	12/1/15	3787.57	68.87	65	3.87	3721.835	--
RW-9	2/8/16	3787.57	69.73	64.9	4.83	3721.752	--
RW-9	4/20/16	3787.57	--	--	--	--	--
RW-9	5/24/16	3787.57	68.04	65.51	2.53	3721.579	--
RW-9	8/30/16	3787.57	68.58	65.64	2.94	3721.371	--
RW-9	9/8/16	3787.57	--	--	--	--	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-9	9/21/16	3787.57	--	--	--	--	--
RW-9	10/12/16	3787.57	--	--	--	--	--
RW-9	10/31/16	3787.57	69.4	65.55	3.85	3721.289	--
RW-9	2/27/17	3787.57	68.75	65.96	2.79	3721.08	--
RW-9	5/30/17	3787.57	67.29	66.44	0.85	3720.969	--
RW-9	7/5/17	3790	--	--	--	--	--
RW-9	7/19/17	3790	--	--	--	--	--
RW-9	8/29/17	3790	67.57	66.59	0.98	3723.224	--
RW-9	9/6/17	3790	--	--	--	--	--
RW-9	11/27/17	3790	68.06	66.67	1.39	3723.066	--
RW-9	2/27/18	3790	67.77	66.95	0.82	3722.894	82.49
RW-9	5/29/18	3790	68.2	67.05	1.15	3722.731	--
RW-9	8/29/18	3790	67.49	67.36	0.13	3722.615	82.49
RW-9	11/26/18	3790	68.05	67.5	0.55	3722.396	--
RW-9	2/6/19	3790	--	--	--	--	--
RW-9	2/25/19	3790	68.67	67.55	1.12	3722.237	--
RW-9	4/24/19	3790	70.79	66.04	4.75	3723.058	--
RW-9	5/20/19	3790	69.18	67.69	1.49	3722.027	--
RW-9	7/23/19	3790	69.36	67.82	1.54	3721.887	--
RW-9	10/22/19	3790	68.51	68.16	0.35	3721.773	--
RW-9	1/8/20	3790	--	--	--	--	--
RW-9	2/10/20	3790	68.9	68.38	0.52	3721.521	82.85
RW-9	2/25/20	3790	--	--	--	--	--
RW-9	5/1/20	3790	69.2	68.52	0.68	3721.351	--
RW-9	5/11/20	3790	69.21	66.85	2.36	3722.702	--
RW-9	6/18/20	3790	69.39	68.56	0.83	3721.282	--
RW-9	7/27/20	3790	69.5	68.64	0.86	3721.197	--
RW-9	8/27/20	3790	69.58	68.68	0.9	3721.149	--
RW-9	9/15/20	3790	69.68	68.77	0.91	3721.057	--
RW-9	10/28/20	3790	69.9	68.25	1.65	3721.437	--
RW-9	12/7/20	3790	70.04	68.9	1.14	3720.883	--
RW-10	11/1/14	--	--	--	--	--	--
RW-10	11/18/14	3787.29	69.3	63.4	5.9	3722.769	80.56
RW-10	3/3/15	3787.29	66.39	64.24	2.15	3722.642	--
RW-10	6/3/15	3787.29	70.15	63.61	6.54	3722.438	--
RW-10	8/11/15	3787.29	70.14	63.82	6.32	3722.269	--
RW-10	12/1/15	3787.29	70.69	64.01	6.68	3722.011	--
RW-10	2/8/16	3787.29	70.79	64.06	6.73	3721.951	--
RW-10	5/24/16	3787.29	69.2	66	3.2	3720.682	--
RW-10	8/30/16	3787.29	71.88	65.75	6.13	3720.375	--
RW-10	10/31/16	3787.29	70.84	64.67	6.17	3721.448	--
RW-10	11/30/16	3787.29	--	--	--	--	--
RW-10	12/7/16	3787.29	--	--	--	--	--
RW-10	1/17/17	3787.29	--	--	--	--	--
RW-10	2/15/17	3787.29	--	--	--	--	--
RW-10	2/27/17	3787.29	71.08	64.91	6.17	3721.208	--
RW-10	4/25/17	3787.29	--	--	--	--	--
RW-10	5/10/17	3787.29	--	--	--	--	--
RW-10	5/30/17	3787.29	71.29	65.05	6.24	3721.054	--
RW-10	6/13/17	3787.29	--	--	--	--	--
RW-10	6/27/17	3787.29	--	--	--	--	--
RW-10	8/28/17	3789.69	71.46	65.25	6.21	3723.26	--
RW-10	11/27/17	3789.69	71.78	65.33	6.45	3723.135	--
RW-10	2/27/18	3789.69	71.83	65.53	6.3	3722.963	82.56
RW-10	5/29/18	3789.69	72.95	65.7	7.25	3722.613	--
RW-10	8/29/18	3789.69	72.83	65.78	7.05	3722.571	82.56
RW-10	11/26/18	3789.69	72.95	66.08	6.87	3722.305	--
RW-10	12/4/18	3789.69	73.41	66.02	7.39	3722.266	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-10	1/29/19	3789.69	--	--	--	--	--
RW-10	2/25/19	3789.69	72.53	66.27	6.26	3722.231	--
RW-10	5/20/19	3789.69	70.3	68.9	1.4	3720.524	--
RW-10	7/16/19	3789.69	69.55	67.43	2.12	3721.857	--
RW-10	7/23/19	3789.69	70.63	67.23	3.4	3721.814	--
RW-10	10/22/19	3789.69	69.89	67.6	2.29	3721.655	--
RW-10	2/10/20	3789.69	73.06	66.96	6.1	3721.571	82.6
RW-10	5/1/20	3789.69	--	--	--	--	--
RW-10	5/11/20	3789.69	69.54	67.91	1.63	3721.47	--
RW-10	6/18/20	3789.69	73.3	67.22	6.08	3721.315	--
RW-10	7/27/20	3789.69	73.53	67.25	6.28	3721.247	--
RW-10	8/27/20	3789.69	73.61	67.3	6.31	3721.191	--
RW-10	9/15/20	3789.56	73.73	67.37	6.36	3720.982	--
RW-10	10/28/20	3789.56	70.89	68.08	2.81	3720.946	--
RW-10	12/7/20	3789.56	--	--	--	--	--
RW-11	6/18/00	3789.77	68.45	--	--	3721.32	--
RW-11	2/27/17	3789.77	66.17	--	--	--	85.8
RW-11	3/1/17	3789.77	--	--	--	--	--
RW-11	5/2/17	3789.77	--	--	--	--	--
RW-11	5/17/17	3789.77	--	--	--	--	--
RW-11	5/30/17	3789.77	66.33	--	--	3723.44	85.62
RW-11	5/31/17	3789.77	--	--	--	--	--
RW-11	6/13/17	3789.77	--	--	--	--	--
RW-11	6/27/17	3789.77	--	--	--	--	--
RW-11	7/5/17	3789.77	--	--	--	--	--
RW-11	7/13/17	3789.77	--	--	--	--	--
RW-11	7/25/17	3789.77	--	--	--	--	--
RW-11	8/29/17	3789.77	--	--	--	--	--
RW-11	8/30/17	3789.77	66.51	66.51	--	3723.26	85.58
RW-11	9/6/17	3789.77	--	--	--	--	--
RW-11	9/19/17	3789.77	--	--	--	--	--
RW-11	10/11/17	3789.77	--	--	--	--	--
RW-11	10/24/17	3789.77	--	--	--	--	--
RW-11	11/1/17	3789.77	--	--	--	--	--
RW-11	11/7/17	3789.77	--	--	--	--	--
RW-11	11/14/17	3789.77	--	--	--	--	--
RW-11	11/27/17	3789.77	66.63	--	--	3723.14	85.52
RW-11	12/1/17	3789.77	--	--	--	--	--
RW-11	12/5/17	3789.77	--	--	--	--	--
RW-11	12/12/17	3789.77	--	--	--	--	--
RW-11	12/20/17	3789.77	--	--	--	--	--
RW-11	2/27/18	3789.77	66.84	--	--	3722.93	85.44
RW-11	5/29/18	3789.77	67.01	--	--	3722.76	85.4
RW-11	8/29/18	3789.77	67.17	67.14	0.03	3722.624	--
RW-11	11/26/18	3789.77	67.38	67.34	0.04	3722.422	--
RW-11	2/25/19	3789.77	67.54	67.5	0.04	3722.262	--
RW-11	4/30/19	3789.77	67.63	67.61	0.02	3722.156	--
RW-11	5/20/19	3789.77	67.62	--	--	3722.15	--
RW-11	5/21/19	3789.77	--	--	--	--	--
RW-11	6/11/19	3789.77	--	--	--	--	--
RW-11	6/25/19	3789.77	--	--	--	--	--
RW-11	7/23/19	3789.77	67.83	--	--	3721.94	--
RW-11	7/23/19	3789.77	--	--	--	--	--
RW-11	8/13/19	3789.77	--	--	--	--	--
RW-11	8/20/19	3789.77	--	--	--	--	--
RW-11	8/28/19	3789.77	--	--	--	--	--
RW-11	9/3/19	3789.77	--	--	--	--	--
RW-11	9/10/19	3789.77	--	--	--	--	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-11	9/24/19	3789.77	--	--	--	--	--
RW-11	10/2/19	3789.77	--	--	--	--	--
RW-11	10/22/19	3789.77	67.97	--	--	3721.8	--
RW-11	11/20/19	3789.77	--	--	--	--	--
RW-11	12/10/19	3789.77	--	--	--	--	--
RW-11	12/24/19	3789.77	--	--	--	--	--
RW-11	1/14/20	3789.77	--	--	--	--	--
RW-11	2/10/20	3789.77	68.23	--	--	3721.54	85.4
RW-11	3/17/20	3789.77	--	--	--	--	--
RW-11	5/1/20	3789.77	68.38	--	--	3721.39	--
RW-11	5/11/20	3789.77	68.31	--	--	3721.46	--
RW-11	7/27/20	3789.77	68.53	--	--	3721.24	--
RW-11	8/27/20	3789.77	68.62	--	--	3721.15	--
RW-11	9/15/20	3789.77	68.67	--	--	3721.1	85.4
RW-11	10/28/20	3789.77	68.75	--	--	3721.02	--
RW-11	12/7/20	3789.77	68.85	--	--	3720.92	--
RW-12	2/27/17	3789.78	66.07	--	--	--	84.72
RW-12	3/1/17	3789.78	--	--	--	--	--
RW-12	5/2/17	3789.78	--	--	--	--	--
RW-12	5/17/17	3789.78	--	--	--	--	--
RW-12	5/30/17	3789.78	66.26	--	--	--	84.83
RW-12	5/31/17	3789.78	--	--	--	--	--
RW-12	6/13/17	3789.78	--	--	--	--	--
RW-12	6/27/17	3789.78	--	--	--	--	--
RW-12	7/5/17	3789.78	--	--	--	--	--
RW-12	7/13/17	3789.78	--	--	--	--	--
RW-12	7/25/17	3789.78	--	--	--	--	--
RW-12	8/29/17	3789.78	--	--	--	--	--
RW-12	8/30/17	3789.78	66.42	--	--	3723.36	84.35
RW-12	9/6/17	3789.78	--	--	--	--	--
RW-12	9/19/17	3789.78	--	--	--	--	--
RW-12	10/11/17	3789.78	--	--	--	--	--
RW-12	10/24/17	3789.78	--	--	--	--	--
RW-12	11/1/17	3789.78	--	--	--	--	--
RW-12	11/7/17	3789.78	--	--	--	--	--
RW-12	11/14/17	3789.78	--	--	--	--	--
RW-12	11/27/17	3789.78	66.56	--	--	3723.22	84.29
RW-12	12/1/17	3789.78	--	--	--	--	--
RW-12	12/5/17	3789.78	--	--	--	--	--
RW-12	12/12/17	3789.78	--	--	--	--	--
RW-12	12/20/17	3789.78	--	--	--	--	--
RW-12	2/27/18	3789.78	66.76	--	--	3723.02	84.28
RW-12	5/29/18	3789.78	66.92	--	--	3722.86	84.24
RW-12	8/29/18	3789.78	67.06	--	--	3722.72	85.31
RW-12	11/26/18	3789.78	67.27	--	--	3722.51	85.31
RW-12	2/25/19	3789.78	67.46	--	--	3722.32	--
RW-12	2/27/19	3789.78	--	--	--	--	--
RW-12	4/30/19	3789.78	67.54	67.53	0.01	3722.248	--
RW-12	4/30/19	3789.78	--	--	--	--	--
RW-12	5/20/19	3789.78	67.69	67.68	0.01	3722.098	--
RW-12	6/11/19	3789.78	--	--	--	--	--
RW-12	6/25/19	3789.78	--	--	--	--	--
RW-12	7/23/19	3789.78	67.74	--	--	3722.04	--
RW-12	8/13/19	3789.78	--	--	--	--	--
RW-12	8/20/19	3789.78	--	--	--	--	--
RW-12	8/28/19	3789.78	--	--	--	--	--
RW-12	9/3/19	3789.78	--	--	--	--	--
RW-12	9/10/19	3789.78	--	--	--	--	--

Table 1b

**Summary of Groundwater Gauging and Elevation Data (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**  
**Lea County, New Mexico**  
**NMOCD Incident No: nAPP2108852096**

Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet BTOC, NAVD88)	Total Depth of Well (Feet BTOC)
RW-12	9/24/19	3789.78	--	--	--	--	--
RW-12	10/2/19	3789.78	--	--	--	--	--
RW-12	10/22/19	3789.78	67.91	--	--	3721.87	--
RW-12	11/20/19	3789.78	--	--	--	--	--
RW-12	12/10/19	3789.78	--	--	--	--	--
RW-12	12/24/19	3789.78	--	--	--	--	--
RW-12	1/14/20	3789.78	--	--	--	--	--
RW-12	2/10/20	3789.78	68.23	--	--	3721.55	82.82
RW-12	3/17/20	3789.78	--	--	--	--	--
RW-12	5/1/20	3789.78	68.3	--	--	3721.48	--
RW-12	5/11/20	3789.78	68.38	--	--	3721.4	--
RW-12	6/18/20	3789.78	68.57	--	--	3721.21	--
RW-12	7/27/20	3789.78	68.45	--	--	3721.33	--
RW-12	8/27/20	3789.78	68.55	--	--	3721.23	--
RW-12	9/15/20	3789.78	68.59	--	--	3721.19	82.82
RW-12	10/28/20	3789.78	68.67	--	--	3721.11	--
RW-12	12/7/20	3789.78	68.76	--	--	3721.02	--
RW-13	2/25/20	3788.61	--	--	--	--	--
RW-13	2/26/20	3788.61	66.87	--	--	3721.74	90.13
RW-13	3/23/20	3788.61	67.23	67.05	0.18	3721.526	90.19
RW-13	5/1/20	3788.61	67.98	66.95	1.03	3721.464	--
RW-13	5/11/20	3788.61	68.28	66.91	1.37	3721.44	--
RW-13	6/18/20	3788.61	69.53	66.75	2.78	3721.332	--
RW-13	7/27/20	3788.61	70.76	66.56	4.2	3721.252	--
RW-13	8/27/20	3788.61	71.55	66.46	5.09	3721.183	--
RW-13	9/15/20	3788.61	72.1	66.45	5.65	3721.086	--
RW-13	10/28/20	3788.61	70.17	67.19	2.98	3720.854	--
RW-13	12/7/20	3788.61	--	--	--	--	--
RW-14	2/25/20	3788.59	--	--	--	--	--
RW-14	2/26/20	3788.59	66.68	66.6	0.08	3721.975	90.1
RW-14	3/23/20	3788.59	68.59	66.45	2.14	3721.733	90.32
RW-14	5/1/20	3788.59	72	65.75	6.25	3721.653	--
RW-14	5/11/20	3788.59	72.47	65.65	6.82	3721.644	--
RW-14	6/18/20	3788.59	--	--	--	--	--
RW-14	7/27/20	3788.59	--	--	--	--	--
RW-14	8/27/20	3788.59	--	--	--	--	--
RW-14	9/15/20	3788.59	73.19	66.09	7.1	3721.151	--
RW-14	10/28/20	3788.59	71.01	66.44	4.57	3721.282	--
RW-14	12/7/20	3788.59	--	--	--	--	--

## Notes:

1. All dates are in the format: MM/DD/YY.
2. --: No gauging data collected on corresponding date.
3. Dry: No fluid column measured in corresponding monitoring or recovery well.
4. LNAPL: Light Non-Aqueous Phase Liquids.
5. Elevations of the potentiometric surface were calculated using a LNAPL specific gravity of 0.81 gram/cubic centimeter (g/cc).



Table 2a

**Summary of Groundwater Analytical Results (2021-2024)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
MW-3R	2/11/21	DUP	<0.00019	<0.000412	<b>0.00087 B</b>	<0.00051
MW-3R	2/11/21		<0.00019	<0.000412	<b>0.00114 B</b>	<0.00051
MW-3R	5/13/21		<b>0.00103</b>	<0.000412	<b>0.00068</b>	<b>0.000982 J</b>
MW-3R	8/9/21		<b>0.000504</b>	<b>0.000733 J</b>	<b>0.000333 J</b>	<0.00051
MW-3R	11/10/21		<b>0.000288 J</b>	<0.000278	<0.000137	<0.000174
MW-3R	2/9/22		<b>0.000592</b>	<b>0.00087 J</b>	<b>0.00043 J</b>	<0.00051
MW-3R	5/4/22		<b>0.000643</b>	<b>0.000895 J</b>	<b>0.00051</b>	<0.00051
MW-3R	8/19/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-3R	11/8/22		<b>0.000572</b>	<0.000412	<b>0.00114</b>	<b>0.00265</b>
MW-3R	2/8/23		<b>0.00093</b>	<b>0.00121</b>	<b>0.000864</b>	<b>0.0141</b>
MW-3R	5/4/23	DUP	<b>0.000529</b>	<b>0.00101</b>	<b>0.00123</b>	<0.0015
MW-3R	5/4/23		<b>0.000555</b>	<b>0.00103</b>	<b>0.00123</b>	<0.0015
MW-3R	8/8/23	DUP	<0.0005	<0.001	<b>0.00111</b>	<0.0015
MW-3R	8/8/23		<b>0.000501</b>	<0.001	<b>0.00117</b>	<0.0015
MW-3R	11/7/23	DUP	<b>0.000757</b>	<b>0.00115</b>	<b>0.00159</b>	<b>0.0212</b>
MW-3R	11/7/23		<b>0.000739</b>	<b>0.00118</b>	<b>0.00162</b>	<b>0.0129</b>
MW-3R	2/8/24	DUP	<b>0.000884</b>	<b>0.00121 B</b>	<b>0.00167</b>	<0.0015
MW-3R	2/8/24		<b>0.000916</b>	<b>0.00122 B</b>	<b>0.00166</b>	<0.0015
MW-3R	5/8/24	DUP	<0.001	<0.001	<0.001	<0.003
MW-3R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-3R	8/7/24	DUP	<0.001	<0.001	<0.001	<0.003
MW-3R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-3R	11/5/24	DUP	<0.001	<0.001	<0.001	<0.003
MW-3R	11/5/24		<0.001	<0.001	<0.001	<0.003
MW-4R	2/11/21		<0.00019	<0.000412	<0.00016	<b>0.000668 J</b>
MW-4R	5/13/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-4R	8/9/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-4R	11/10/21		<0.0000941	<0.000278	<0.000137	<0.000174
MW-4R	2/9/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-4R	5/4/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-4R	8/17/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-4R	11/8/22		<b>0.00341</b>	<0.000412	<b>0.00284</b>	<0.00051
MW-4R	2/8/23		<b>0.00126</b>	<0.000412	<0.00016	<0.00051
MW-4R	5/4/23		<b>0.00731</b>	<0.001	<b>0.000161 J</b>	<b>0.000674 J</b>
MW-4R	8/8/23		<0.0005	<0.001	<0.0005	<0.0015
MW-4R	11/7/23		<0.0005	<0.001	<0.0005	<0.0015
MW-4R	2/8/24		<b>0.00249</b>	<0.001	<0.0005	<0.0015
MW-4R	5/8/24		<b>0.0023</b>	<0.001	<0.001	<0.003
MW-4R	8/7/24		<b>0.0042</b>	<0.001	<0.001	<0.003
MW-4R	11/5/24		<b>0.0023</b>	<0.001	<0.001	<0.003
MW-6R	2/10/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	5/13/21		<0.00019	<0.000412	<0.00016	<0.00051

Table 2a

**Summary of Groundwater Analytical Results (2021-2024)  
Plains All American Pipeline, L.P.  
Darr Angell No. 2  
SRS LF 1999-62**

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
MW-6R	8/9/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	11/10/21		<0.0000941	<0.000278	<0.000137	<0.000174
MW-6R	2/9/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	5/4/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	8/17/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	11/8/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	2/8/23		<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	5/4/23		<0.0005	<0.001	<0.0005	<0.0015
MW-6R	8/8/23		<0.0005	<0.001	<0.0005	<0.0015
MW-6R	11/7/23		<0.0005	<0.001	<0.0005	<0.0015
MW-6R	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-6R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-6R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-6R	11/5/24		<0.001	<0.001	<0.001	<0.003
MW-7R	2/10/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	5/13/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	8/9/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	11/10/21		<0.0000941	<0.000278	<0.000137	<0.000174
MW-7R	2/9/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	5/4/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	8/17/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	11/8/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	2/8/23		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	5/4/23		<0.0005	<0.001	<0.0005	<0.0015
MW-7R	8/8/23		<0.0005	<0.001	<0.0005	<0.0015
MW-7R	11/7/23		<0.0005	<0.001	<0.0005	<0.0015
MW-7R	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-7R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-7R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-7R	11/5/24		<0.001	<0.001	<0.001	<0.003
MW-8R	2/10/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	5/13/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	8/9/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	11/10/21		<0.0000941	<0.000278	<0.000137	<0.000174
MW-8R	2/9/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	5/4/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	8/17/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	11/8/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	2/8/23		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	5/4/23		<0.0005	<0.001	<0.0005	<0.0015
MW-8R	8/8/23		<0.0005	<0.001	<0.0005	<0.0015
MW-8R	11/7/23		<0.0005	<0.001	<0.0005	<0.0015

Table 2a

**Summary of Groundwater Analytical Results (2021-2024)  
Plains All American Pipeline, L.P.  
Darr Angell No. 2  
SRS LF 1999-62**

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
MW-8R	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-8R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-8R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-8R	11/5/24		<0.001	<0.001	<0.001	<0.003
MW-9R	2/10/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	5/13/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	8/9/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	11/10/21		<0.000941	<0.000278	<0.000137	<0.000174
MW-9R	2/9/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	5/4/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	8/17/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	11/8/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	2/8/23		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	5/4/23		<0.0005	<0.001	<0.0005	<0.0015
MW-9R	8/8/23		<0.0005	<0.001	<0.0005	<0.0015
MW-9R	11/7/23		<0.0005	<0.001	<0.0005	<0.0015
MW-9R	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-9R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-9R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-9R	11/5/24		<0.001	<0.001	<0.001	<0.003
MW-10R	2/10/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	5/13/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	8/9/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	11/10/21		<0.000941	<0.000278	<0.000137	<0.000174
MW-10R	2/9/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	5/4/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	8/17/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	11/8/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	2/8/23		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	5/4/23		<0.0005	<0.001	<0.0005	<0.0015
MW-10R	8/8/23		<0.0005	<0.001	<0.0005	<0.0015
MW-10R	11/7/23		<0.0005	<0.001	<0.0005	<0.0015
MW-10R	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-10R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-10R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-10R	11/5/24		<0.001	<0.001	<0.001	<0.003
MW-12	2/11/21		<b>1.2</b>	<b>0.0359</b>	<b>0.0767</b>	<b>0.136</b>
MW-12	5/13/21	DUP	<b>0.0191</b>	<0.000412	<0.00016	<0.00051
MW-12	5/13/21		<b>0.0169</b>	<0.000412	<0.00016	<0.00051
MW-12	8/9/21	DUP	<b>0.00559</b>	<0.000412	<b>0.000343 J</b>	<0.00051
MW-12	8/9/21		<b>0.0152</b>	<0.000412	<b>0.00147</b>	<b>0.002</b>
MW-12	11/10/21		<b>0.00115</b>	<0.000278	<0.000137	<0.000174

Table 2a

**Summary of Groundwater Analytical Results (2021-2024)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
MW-12	2/9/22		<b>0.0049</b>	<0.000412	<0.00016	<0.00051
MW-12	5/4/22		<b>0.00132</b>	<0.000412	<0.00016	<0.00051
MW-12	8/19/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-12	11/8/22		<b>0.000697</b>	<0.000412	<0.00016	<0.00051
MW-12	2/8/23		<b>0.000842</b>	<0.000412	<0.00016	<0.00051
MW-12	5/4/23		<b>0.000588</b>	<0.001	<0.0005	<0.0015
MW-12	8/8/23		<0.0005	<0.001	<0.0005	<0.0015
MW-12	11/7/23		<0.0005	<0.001	<0.0005	<0.0015
MW-12	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-12	5/8/24		<b>0.018</b>	<0.001	<0.001	<0.003
MW-12	6/17/24		<b>0.048</b>	<0.001	<0.001	<0.003
MW-12	8/7/24		<b>0.092</b>	<0.001	<0.001	<0.003
MW-12	11/5/24		<b>0.08</b>	<0.001	<0.001	<0.003
MW-13	2/10/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	5/13/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	8/9/21		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	11/10/21		<0.0000941	<0.000278	<0.000137	<0.000174
MW-13	2/9/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	5/4/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	8/19/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	11/8/22		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	2/8/23	DUP	<0.00019	<0.000412	<0.00016	<0.00051
MW-13	2/8/23		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	2/8/23		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	5/4/23		<0.0005	<0.001	<0.0005	<0.0015
MW-13	8/8/23		<0.0005	<0.001	<0.0005	<0.0015
MW-13	11/7/23		<0.0005	<0.001	<0.0005	<0.0015
MW-13	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-13	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-13	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-13	11/5/24		<0.001	<0.001	<0.001	<0.003
RW-11	2/11/21		<b>0.0201</b>	<b>0.000743 J</b>	<b>0.00445</b>	<b>0.0183</b>
RW-11	5/10/21		-	-	-	-
RW-12	2/11/21		<b>0.0279</b>	<0.00412	<0.00016	<0.00051
RW-12	5/13/21		<b>0.581</b>	<b>0.0263</b>	<b>0.1</b>	<b>0.114</b>
RW-12	8/9/21		<b>0.391</b>	<b>0.0143</b>	<b>0.0952</b>	<b>0.0651</b>
RW-12	11/10/21	DUP	<b>0.19</b>	<b>0.000646 J</b>	<b>0.00429</b>	<b>0.00673</b>
RW-12	11/10/21		<b>0.185</b>	<b>0.000396 J</b>	<b>0.00514</b>	<b>0.00605</b>
RW-12	2/9/22	DUP	<b>0.127</b>	<b>0.00808</b>	<b>0.0114</b>	<b>0.0458</b>
RW-12	2/9/22		<b>0.125</b>	<b>0.00805</b>	<b>0.0111</b>	<b>0.0447</b>
RW-12	5/4/22		<b>0.0675</b>	<b>0.00238</b>	<b>0.00248</b>	<b>0.0271</b>
RW-12	8/19/22		<b>0.101</b>	<0.000412	<b>0.0307</b>	<b>0.0289</b>

Table 2a

**Summary of Groundwater Analytical Results (2021-2024)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
RW-12	11/8/22	DUP	<b>0.0284</b>	<b>0.000933 J</b>	<b>0.0244</b>	<b>0.0195</b>
RW-12	11/8/22		<b>0.0267</b>	<b>0.000845 J</b>	<b>0.0234</b>	<b>0.0174</b>

## Notes:

- Analytical results are presented in milligrams per liter (mg/L).
- All dates are in the format: MM/DD/YY.
- Shaded results indicates results exceeding their respective New Mexico Water Quality Control Commission (NMWCC) Human Health Standards limits.
- Bolded results indicate analyte was detected above the laboratory detection limit.
- <: Analyte was not detected at or above the laboratory reporting limit.
- J: Concentration is less than the quantitation limit and is an estimated value.
- B: The sample matrix interfered with the ability to make any accurate determination or the analyte was detected in the associated blank.
- : Not Analyzed.
- DUP: Duplicate Sample.
- LNAPL: Light Non-Aqueous Phase Liquids.

Table 2b

**Summary of Groundwater Analytical Results (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
MW-1	12/1/11		<0.001	<0.001	<0.001	<0.001
MW-1	12/6/12		<0.001	<0.001	<0.001	<0.001
MW-1	11/14/13		<0.001	<0.001	<0.001	<0.003
MW-1	11/19/14		<0.001	<0.001	<0.001	<0.001
MW-1	12/3/15		<0.001	<0.001	<0.001	<0.001
MW-1	11/3/16		<0.001	<0.001	<0.001	<0.001
MW-1	12/1/17	DUP	<0.002	<0.002	<0.002	<0.002
MW-1	12/1/17		<0.002	<0.002	<0.002	<0.002
MW-1	11/27/18		<0.00019	<0.000412	<0.00016	<0.00051
MW-3	3/4/11		<b>1</b>	<0.05	<b>0.349</b>	<b>1.11</b>
MW-3	6/16/11		<b>1.3</b>	<0.05	<0.05	<0.05
MW-3	9/9/11		<b>0.41</b>	<0.001	<b>0.0839</b>	<b>0.07</b>
MW-3	12/1/11		<b>0.101</b>	<0.001	<b>0.145</b>	<b>0.0258</b>
MW-3	3/7/12		<b>0.365</b>	<0.005	<b>0.12</b>	<b>0.159</b>
MW-3	6/7/12		<b>0.099</b>	<0.001	<b>0.14</b>	<b>0.22</b>
MW-3	9/12/12		<b>0.376</b>	<0.001	<b>0.103</b>	<b>0.016</b>
MW-3	12/6/12		<b>0.0042</b>	<0.001	<b>0.063</b>	<b>0.014</b>
MW-3	5/30/13		<b>0.0094</b>	<0.001	<0.001	<0.001
MW-3	11/14/13		<b>0.261</b>	<0.001	<b>0.0132</b>	<b>0.0094</b>
MW-3	5/28/14		<b>0.0196</b>	<0.001	<0.001	<b>0.0045</b>
MW-3	9/4/14		<b>0.0983</b>	<0.001	<b>0.0018</b>	<0.001
MW-3	11/19/14		<b>0.106</b>	<0.05	<0.05	<0.05
MW-3	3/5/15		<b>0.144</b>	<0.05	<0.05	<0.05
MW-3	6/3/15		<b>0.18</b>	<0.001	<b>0.0029</b>	<b>0.0013</b>
MW-3	8/13/15		<b>0.138</b>	<0.001	<0.001	<0.001
MW-3	12/3/15		<b>0.222</b>	<0.001	<0.001	<b>0.0037</b>
MW-3	2/11/16		<b>0.345</b>	<0.05	<0.05	<0.05
MW-3	11/3/16		<b>0.551</b>	<0.053	<0.053	<0.053
MW-3	5/31/17		<b>0.805</b>	<b>0.0178</b>	<b>0.024</b>	<b>0.0646</b>
MW-3R	3/25/20		<b>0.000755</b>	<0.000412	<0.00016	<0.00051
MW-3R	5/18/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-3R	9/16/20		<b>0.00186</b>	<b>0.000779 J</b>	<b>0.000239 J</b>	<b>0.000974 J</b>
MW-3R	10/30/20		<b>0.00292</b>	<b>0.000566 J</b>	<0.00016	<0.00051
MW-3R	2/8/24	DUP	<b>0.000884</b>	<b>0.00121 B</b>	<b>0.00167</b>	<0.0015
MW-3R	2/8/24		<b>0.000916</b>	<b>0.00122 B</b>	<b>0.00166</b>	<0.0015
MW-3R	5/8/24	DUP	<0.001	<0.001	<0.001	<0.003
MW-3R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-3R	8/7/24	DUP	<0.001	<0.001	<0.001	<0.003
MW-3R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-3R	11/5/24	DUP	<0.001	<0.001	<0.001	<0.003
MW-3R	11/5/24		<0.001	<0.001	<0.001	<0.003

Table 2b

**Summary of Groundwater Analytical Results (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
MW-4R	11/19/14		<0.001	<0.001	<0.001	<0.001
MW-4R	3/5/15		<0.002	<0.002	<0.002	<0.002
MW-4R	6/3/15		<0.001	<0.001	<0.001	<0.001
MW-4R	8/13/15		<0.001	<0.001	<0.001	<0.001
MW-4R	12/3/15		<0.001	<0.001	<0.001	<0.001
MW-4R	2/11/16		<0.001	<0.001	<0.001	<0.001
MW-4R	5/26/16		<0.001	<0.001	<b>0.0033</b>	<b>0.0033</b>
MW-4R	9/1/16		<0.001	<0.001	<0.001	<b>0.0021</b>
MW-4R	11/3/16		<0.001	<0.001	<0.001	<0.001
MW-4R	3/1/17		<0.002	<0.002	<0.002	<0.002
MW-4R	5/31/17		<0.002	<0.002	<0.002	<0.002
MW-4R	8/30/17		<0.002	<0.002	<0.002	<0.002
MW-4R	12/1/17		<0.002	<0.002	<0.002	<0.002
MW-4R	2/28/18		<0.002	<0.002	<0.002	<0.002
MW-4R	5/30/18		<0.002	<0.002	<0.002	<0.002
MW-4R	8/30/18		<0.00019	<0.000412	<b>0.000215 J</b>	<0.00051
MW-4R	11/27/18		<0.00019	<0.000412	<0.00016	<0.00051
MW-4R	2/27/19		<b>0.00019 J</b>	<0.000412	<b>0.000404 J</b>	<b>0.000721 J</b>
MW-4R	5/21/19		<b>0.000265 J</b>	<b>0.000544 J</b>	<b>0.000225 J</b>	<b>0.000846 J</b>
MW-4R	7/23/19		<0.00019	<0.000412	<0.00016	<0.00051
MW-4R	10/22/19		<b>0.000301 J</b>	<b>0.000535 J</b>	<b>0.00038 J</b>	<b>0.00172</b>
MW-4R	2/14/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-4R	5/18/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-4R	9/16/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-4R	10/30/20		<0.00019	<0.000412	<0.00016	<b>0.000712 J</b>
MW-4R	2/8/24		<b>0.00249</b>	<0.001	<0.0005	<0.0015
MW-4R	5/8/24		<b>0.0023</b>	<0.001	<0.001	<0.003
MW-4R	8/7/24		<b>0.0042</b>	<0.001	<0.001	<0.003
MW-4R	11/5/24		<b>0.0023</b>	<0.001	<0.001	<0.003
MW-6	12/1/11		<0.001	<0.001	<0.001	<0.001
MW-6	12/6/12		<0.001	<0.001	<0.001	<0.001
MW-6	11/14/13		<0.001	<0.001	<0.001	<0.003
MW-6	11/19/14		<0.001	<0.001	<0.001	<0.001
MW-6	12/3/15		<0.001	<0.001	<0.001	<0.001
MW-6	11/3/16		<0.001	<0.001	<0.001	<0.001
MW-6	12/1/17		<0.002	<0.002	<0.002	<0.002
MW-6R	3/25/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	5/18/20	DUP	<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	5/18/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	9/16/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	10/30/20	DUP	<0.00019	<0.000412	<0.00016	<0.00051

Table 2b

**Summary of Groundwater Analytical Results (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
MW-6R	10/30/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-6R	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-6R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-6R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-6R	11/5/24		<0.001	<0.001	<0.001	<0.003
MW-7	12/1/11		<0.001	<0.001	<0.001	<0.001
MW-7	12/6/12		<0.001	<0.001	<0.001	<0.001
MW-7	11/14/13		<0.001	<0.001	<0.001	<0.003
MW-7	11/19/14		<0.001	<0.001	<0.001	<0.001
MW-7	12/3/15		<0.001	<0.001	<0.001	<0.001
MW-7	11/3/16	DUP	<0.001	<0.001	<0.001	<0.001
MW-7	11/3/16		<0.001	<0.001	<0.001	<0.001
MW-7	12/1/17		<0.002	<0.002	<0.002	<0.002
MW-7	11/27/18		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	3/25/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	5/18/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	9/16/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	10/30/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-7R	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-7R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-7R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-7R	11/5/24		<0.001	<0.001	<0.001	<0.003
MW-8	12/1/11		<0.001	<0.001	<0.001	<0.001
MW-8	12/6/12		<0.001	<0.001	<0.001	<0.001
MW-8	11/14/13		<0.001	<0.001	<0.001	<0.003
MW-8	11/19/14		<0.001	<0.001	<0.001	<0.001
MW-8	12/3/15		<0.001	<0.001	<0.001	<0.001
MW-8	11/3/16		<0.001	<0.001	<0.001	<0.001
MW-8	12/1/17		<0.002	<0.002	<0.002	<0.002
MW-8	11/27/18		<0.00019	<0.000412	<0.00016	<0.00051
MW-8	10/22/19		<b>0.000773</b>	<b>0.000654 J</b>	<b>0.00078</b>	<b>0.00239</b>
MW-8R	3/25/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	5/18/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	9/16/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	10/30/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-8R	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-8R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-8R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-8R	11/5/24		<0.001	<0.001	<0.001	<0.003
MW-9	12/1/11		<0.001	<0.001	<0.001	<0.001
MW-9	12/6/12		<0.001	<0.001	<0.001	<0.001



Table 2b

**Summary of Groundwater Analytical Results (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
MW-9	11/14/13		<0.001	<0.001	<0.001	<0.003
MW-9	11/19/14		<0.001	<0.001	<0.001	<0.001
MW-9	12/3/15		<0.001	<0.001	<0.001	<0.001
MW-9	11/3/16		<0.001	<0.001	<0.001	<0.001
MW-9	12/1/17		<0.002	<0.002	<0.002	<0.002
MW-9	11/27/18	DUP	<0.00019	<0.000412	<0.00016	<0.00051
MW-9	11/27/18		<0.00019	<0.000412	<0.00016	<0.00051
MW-9	10/22/19		<b>0.000344 J</b>	<b>0.000609 J</b>	<b>0.000289 J</b>	<b>0.00114 J</b>
MW-9R	3/25/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	5/18/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	9/16/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	10/30/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-9R	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-9R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-9R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-9R	11/5/24		<0.001	<0.001	<0.001	<0.003
MW-10	12/1/11		<0.001	<0.001	<0.001	<0.001
MW-10	12/6/12		<0.001	<0.001	<0.001	<0.001
MW-10	11/14/13		<0.001	<0.001	<0.001	<0.003
MW-10	11/19/14		<0.001	<0.001	<0.001	<0.001
MW-10	12/3/15		<0.001	<0.001	<0.001	<0.001
MW-10	11/3/16		<0.001	<0.001	<0.001	<0.001
MW-10	12/1/17		<0.002	<0.002	<0.002	<0.002
MW-10R	3/25/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	5/18/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	9/16/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	10/30/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-10R	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-10R	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-10R	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-10R	11/5/24		<0.001	<0.001	<0.001	<0.003
MW-11	3/4/11		<0.001	<0.001	<0.001	<0.001
MW-11	6/16/11		<0.001	<0.001	<0.001	<0.001
MW-11	9/9/11		<0.001	<0.001	<0.001	<0.001
MW-11	12/1/11		<0.001	<0.001	<0.001	<0.001
MW-11	3/7/12		<0.001	<0.001	<0.001	<0.001
MW-11	6/7/12		<0.001	<0.001	<0.001	<0.001
MW-11	9/12/12		<0.001	<0.001	<0.001	<0.001
MW-11	12/6/12		<0.001	<0.001	<0.001	<0.001
MW-11	3/7/13		<b>0.0057</b>	<0.001	<0.001	<0.001
MW-11	5/30/13		<0.001	<0.001	<0.001	<0.001

Table 2b

**Summary of Groundwater Analytical Results (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
MW-11	8/29/13		0.0074	<0.001	<0.001	<0.001
MW-11	11/14/13		0.0017	<0.001	<0.001	0.0047
MW-11	2/27/14		0.0065	<0.001	<0.001	0.0086
MW-11	5/28/14		0.0238	<0.001	<0.001	0.0033
MW-11	9/4/14		0.123	<0.001	0.0011	0.0118
MW-11	11/19/14		0.157	<0.001	<0.001	0.0129
MW-11	3/5/15	DUP	0.264	<0.001	<0.001	0.0033
MW-11	3/5/15		0.263	<0.001	<0.001	0.0028
MW-11	6/3/15	DUP	0.16	<0.001	<0.001	0.003
MW-11	6/3/15		0.206	<0.001	0.006	0.0052
MW-11	8/13/15	DUP	0.278	<0.001	<0.001	0.0121
MW-11	8/13/15		0.267	<0.001	<0.001	0.0117
MW-11	12/3/15	DUP	0.213	<0.001	<0.001	0.0066
MW-11	12/3/15		0.259	<0.001	<0.001	0.0078
MW-11	2/11/16	DUP	0.0217	<0.001	<0.001	<0.001
MW-11	2/11/16		0.0219	<0.001	<0.001	<0.001
MW-11	5/26/16	DUP	<0.001	<0.001	<0.001	<0.001
MW-11	5/26/16		<0.001	<0.001	<0.001	<0.001
MW-11	9/1/16	DUP	0.002	<0.001	0.0013	0.0042
MW-11	9/1/16		0.002	<0.001	0.0017	0.0043
MW-11	11/3/16		0.0015	<0.001	<0.001	0.0012
MW-11	3/1/17	DUP	<0.002	<0.002	<0.002	<0.002
MW-11	3/1/17		<0.002	<0.002	<0.002	<0.002
MW-11	5/31/17	DUP	0.00465	0.00216	<0.002	<0.002
MW-11	5/31/17		0.00354	0.00222	<0.002	<0.002
MW-11	8/30/17	DUP	0.00279	<0.002	<0.002	<0.002
MW-11	8/30/17		0.00184 J	<0.002	<0.002	<0.002
MW-11	12/1/17	DUP	0.00264	<0.002	0.00232	<0.002
MW-11	12/1/17		0.00361	0.00226	0.00215	<0.002
MW-11	2/28/18		0.00223	<0.002	0.0031	<0.002
MW-11	5/30/18	DUP	<0.002	<0.002	0.0115	0.0538
MW-11	5/30/18		<0.002	<0.002	0.00277	0.0123
MW-11	8/30/18		<0.00019	<0.000412	<0.00016	<0.00051
MW-11	11/27/18		<0.00019	<0.000412	0.000446 J	<0.00051
MW-11	2/27/19		<0.00019	<0.000412	<0.00016	0.00278
MW-11	5/21/19		<0.00019	<0.000412	0.000175 J	<0.00051
MW-12	3/1/17		<0.002	<0.002	<0.002	<0.002
MW-12	5/31/17		<0.002	<0.002	<0.002	<0.002
MW-12	8/30/17		<0.002	<0.002	<0.002	<0.002
MW-12	12/1/17		<0.002	<0.002	<0.002	<0.002
MW-12	2/28/18		<0.002	<0.002	<0.002	<0.002

Table 2b

**Summary of Groundwater Analytical Results (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
MW-12	5/30/18		<0.002	<0.002	<0.002	<0.002
MW-12	8/30/18	DUP	<b>0.000197 J</b>	<0.000412	<0.00016	<b>0.00105 J</b>
MW-12	8/30/18		<0.00019	<0.000412	<0.00016	<0.00051
MW-12	11/27/18		<0.00019	<0.000412	<b>0.000365 J</b>	<b>0.000844 J</b>
MW-12	2/27/19	DUP	<0.00019	<0.000412	<0.00016	<0.00051
MW-12	2/27/19		<0.00019	<0.000412	<0.00016	<0.00051
MW-12	5/21/19		<0.00019	<0.000412	<0.00016	<0.00051
MW-12	7/23/19		<0.00019	<0.000412	<0.00016	<0.00051
MW-12	10/22/19		<b>0.000319 J</b>	<b>0.000583 J</b>	<b>0.000321 J</b>	<b>0.00138 J</b>
MW-12	2/14/20		<b>0.00285</b>	<0.000412	<0.00016	<0.00051
MW-12	5/18/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-12	9/16/20		<b>0.0383</b>	<0.000412	<0.00016	<0.00051
MW-12	10/30/20		<b>0.00282</b>	<0.000412	<0.00016	<0.00051
MW-12	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-12	5/8/24		<b>0.018</b>	<0.001	<0.001	<0.003
MW-12	6/17/24		<b>0.048</b>	<0.001	<0.001	<0.003
MW-12	8/7/24		<b>0.092</b>	<0.001	<0.001	<0.003
MW-12	11/5/24		<b>0.08</b>	<0.001	<0.001	<0.003
MW-13	3/25/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	5/18/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	9/16/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	10/30/20		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	2/8/24		<0.0005	<0.001	<0.0005	<0.0015
MW-13	5/8/24		<0.001	<0.001	<0.001	<0.003
MW-13	8/7/24		<0.001	<0.001	<0.001	<0.003
MW-13	11/5/24		<0.001	<0.001	<0.001	<0.003
RW-11	3/1/17		<b>0.368</b>	<b>0.0974</b>	<b>0.129</b>	<b>0.356</b>
RW-11	5/31/17		<b>0.211</b>	<b>0.0511</b>	<b>0.0627</b>	<b>0.161</b>
RW-11	8/30/17		<b>0.396</b>	<b>0.133</b>	<b>0.135</b>	<b>0.335</b>
RW-11	12/1/17		<b>0.215</b>	<b>0.151</b>	<b>0.154</b>	<b>0.577</b>
RW-11	2/28/18	DUP	<b>0.0793</b>	<b>0.023</b>	<b>0.0425</b>	<b>0.15</b>
RW-11	2/28/18		<b>0.0722</b>	<b>0.0208</b>	<b>0.0386</b>	<b>0.138</b>
RW-11	5/30/18		<b>0.0156</b>	<b>0.00297</b>	<b>0.00539</b>	<b>0.0243</b>
RW-11	8/29/18		-	-	-	-
RW-11	11/26/18		-	-	-	-
RW-11	2/25/19		-	-	-	-
RW-11	5/21/19	DUP	<b>0.149</b>	<b>0.00822</b>	<b>0.0248</b>	<b>0.0847</b>
RW-11	5/21/19		<b>0.142</b>	<b>0.00981</b>	<b>0.0276</b>	<b>0.104</b>
RW-11	7/23/19		<b>0.115</b>	<b>0.0022</b>	<b>0.0212</b>	<b>0.062</b>
RW-11	10/22/19		<b>0.167</b>	<b>0.00805</b>	<b>0.0287</b>	<b>0.0937</b>
RW-11	2/14/20		<b>0.207</b>	<b>0.003</b>	<b>0.0728</b>	<b>0.291</b>

Table 2b

**Summary of Groundwater Analytical Results (Historical)**  
**Plains All American Pipeline, L.P.**  
**Darr Angell No. 2**  
**SRS LF 1999-62**

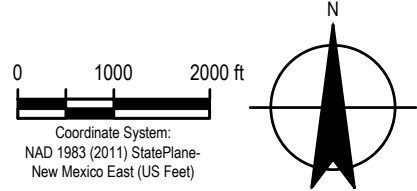
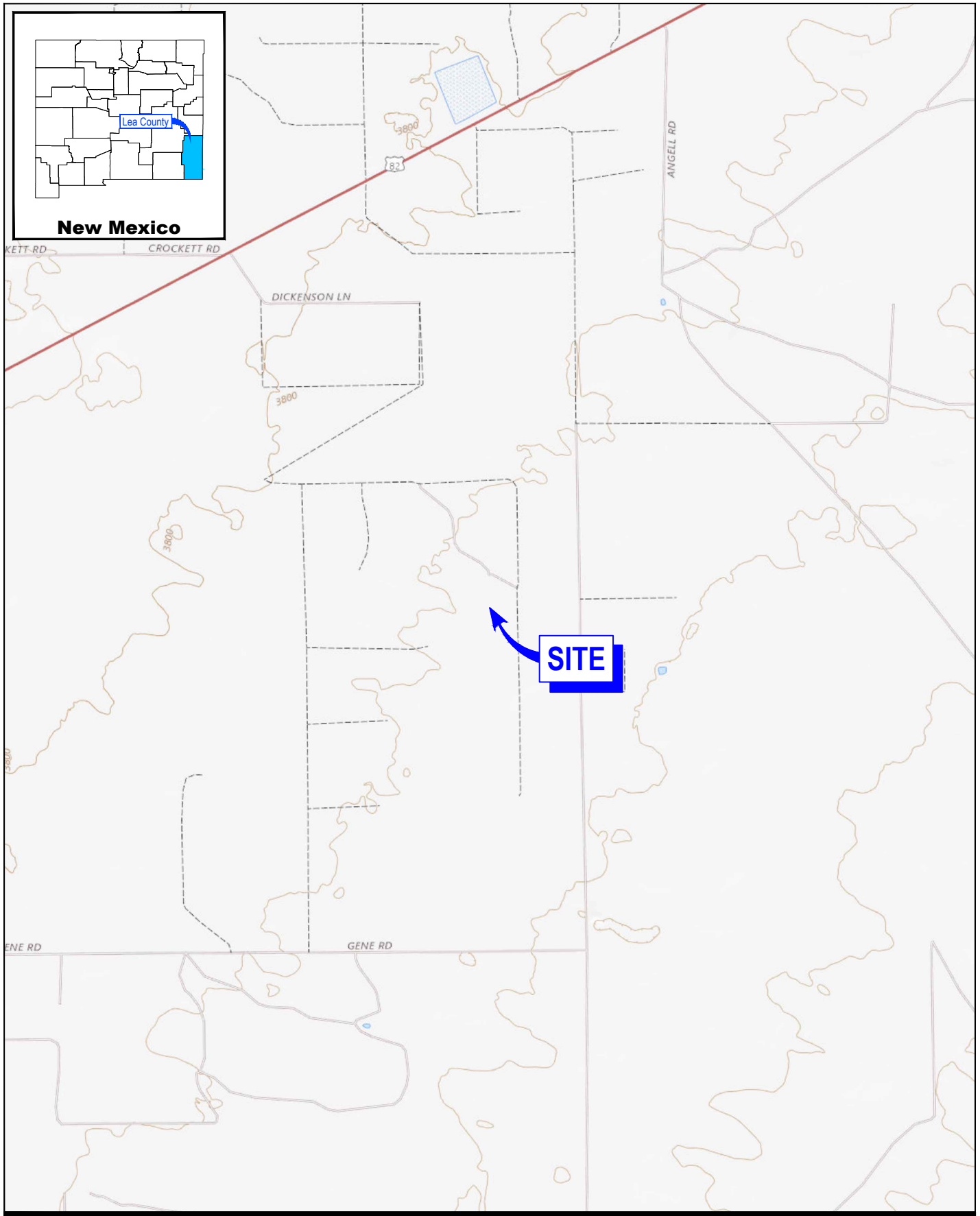
Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Xylenes (total)
<b>New Mexico Water Quality Control Commission (NMWCC) Human Health Standards</b>			<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>
RW-11	5/18/20		<b>0.0609</b>	0.00338	0.0168	0.0651
RW-11	9/16/20	DUP	<b>0.0135</b>	0.00268	0.00397	0.018
RW-11	9/16/20		<b>0.014</b>	0.00279	0.00415	0.0186
RW-11	10/30/20	DUP	0.0056	0.000495 J	0.00233	0.0107
RW-11	10/30/20		0.0059	0.000519 J	0.00243	0.0112
RW-12	3/1/17		<b>0.725</b>	0.0656	0.103	0.164
RW-12	5/31/17		<b>1.76</b>	0.083	0.328	<b>0.652</b>
RW-12	8/30/17		<b>2</b>	0.196	0.356	0.454
RW-12	12/1/17		<b>1.94</b>	0.0353	0.121	0.127
RW-12	2/28/18		<b>0.623</b>	0.259	0.281	<b>1.06</b>
RW-12	5/30/18		<0.002	0.00548	0.0176	0.0465
RW-12	8/30/18		<b>1.39</b>	0.105	0.0968	0.307
RW-12	11/27/18		<b>1.37</b>	0.144	0.216	0.254
RW-12	2/27/19		<b>1.16</b>	0.14	0.212	0.315
RW-12	5/20/19		-	-	-	-
RW-12	7/23/19	DUP	<b>1.13</b>	0.23	0.219	0.437
RW-12	7/23/19		<b>1.58</b>	0.159	0.0746	0.492
RW-12	10/22/19	DUP	<b>0.95</b>	0.112	0.186	0.256
RW-12	10/22/19		<b>1.12</b>	0.186	0.353	0.389
RW-12	2/14/20		<b>0.859</b>	0.064	0.16	0.183
RW-12	5/18/20	DUP	<b>0.924</b>	0.036	0.0651	0.17
RW-12	5/18/20		<b>0.987</b>	0.038	0.0655	0.173
RW-12	9/16/20		<b>0.561</b>	0.00979	0.165	0.0986
RW-12	10/30/20		<b>0.562</b>	<0.00412	0.025	0.0218

## Notes:

- Analytical results are presented in milligrams per liter (mg/L).
- All dates are in the format: MM/DD/YY.
- Shaded results indicates results exceeding their respective New Mexico Water Quality Control Commission (NMWCC) Human Health Standards limits.
- Bolded results indicate analyte was detected above the laboratory detection limit.
- <: Analyte was not detected at or above the laboratory reporting limit.
- J: Concentration is less than the quantitation limit and is an estimated value.
- B: The sample matrix interfered with the ability to make any accurate determination or the analyte was detected in the associated blank.
- : Not Analyzed.
- DUP: Duplicate Sample.
- LNAPL: Light Non-Aqueous Phase Liquids.







Coordinate System:  
 NAD 1983 (2011) StatePlane-  
 New Mexico East (US Feet)

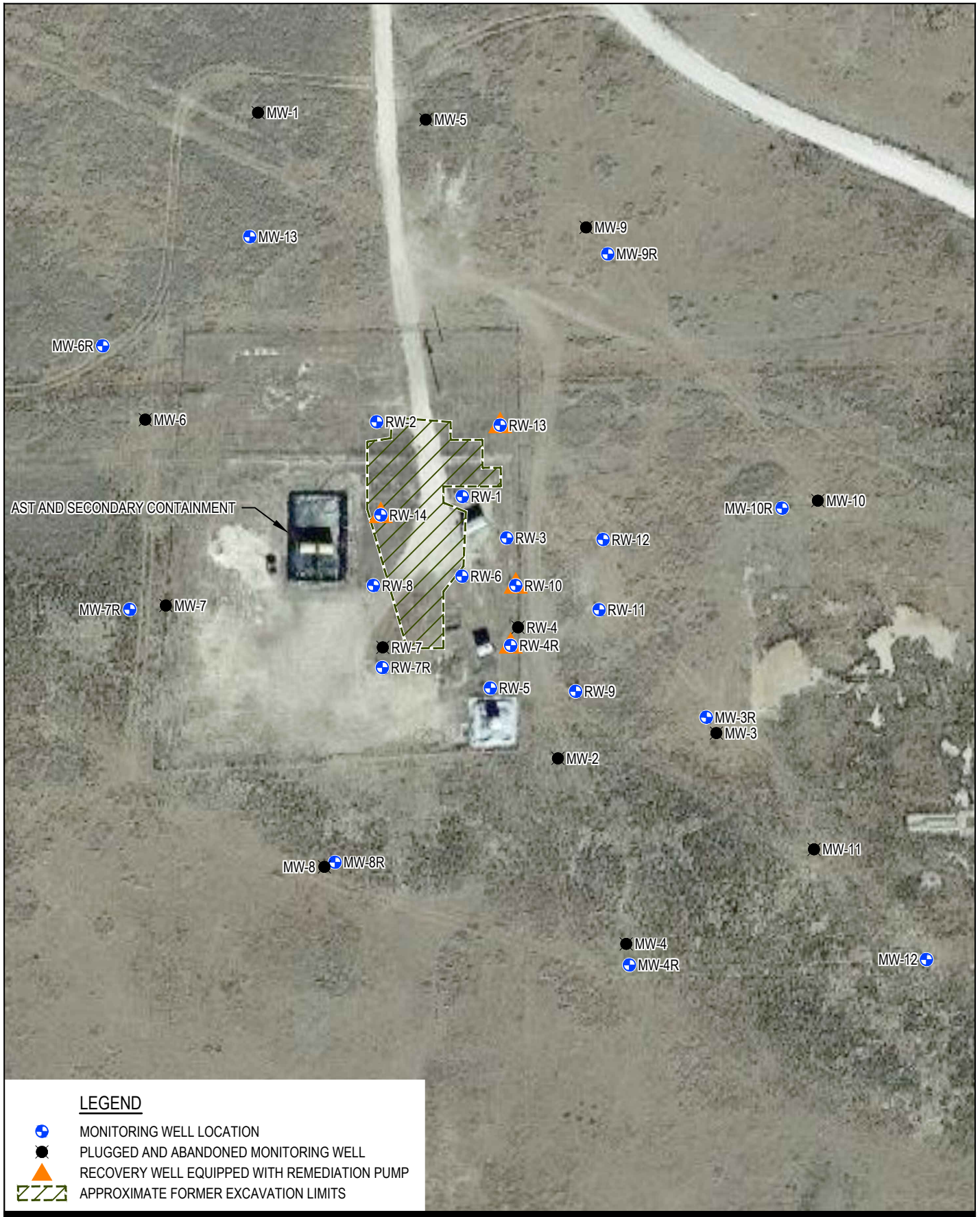


PLAINS ALL AMERICAN PIPELINE, L.P.  
 LEA COUNTY, NEW MEXICO  
 DARR ANGELL #2  
 NMOCD AP-007





Project No. 12604523  
 Date April 2024

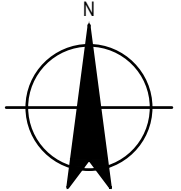
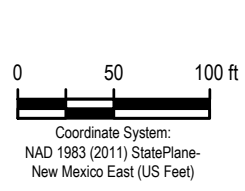
SITE LOCATION MAP

FIGURE 1



**LEGEND**

-  MONITORING WELL LOCATION
-  PLUGGED AND ABANDONED MONITORING WELL
-  RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
-  APPROXIMATE FORMER EXCAVATION LIMITS



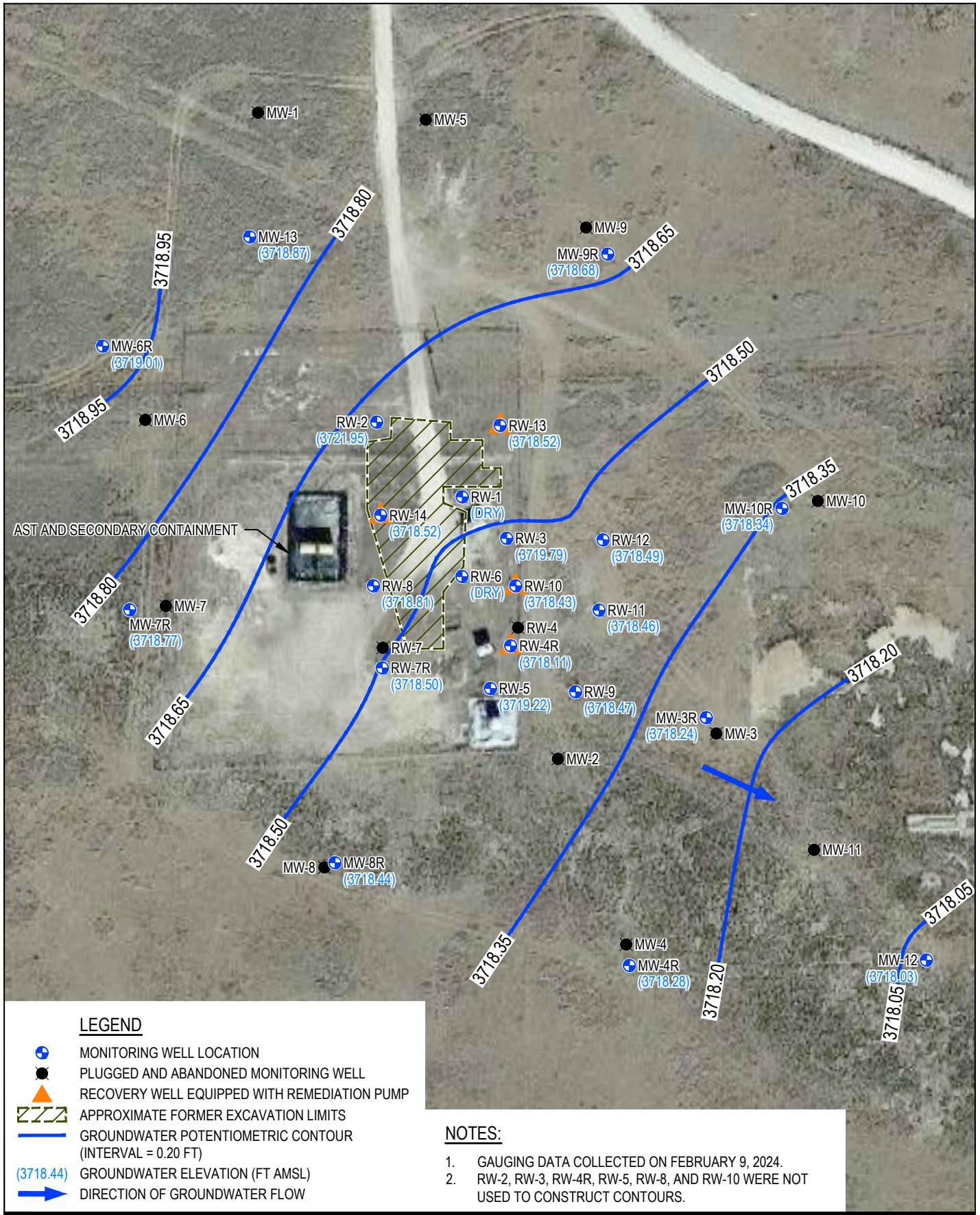
PLAINS ALL AMERICAN PIPELINE, L.P.  
LEA COUNTY, NEW MEXICO  
DARR ANGELL #2  
NMOCD AP-007

Project No. 12604523  
Date April 2024

**SITE DETAILS MAP**

**FIGURE 2**





**LEGEND**

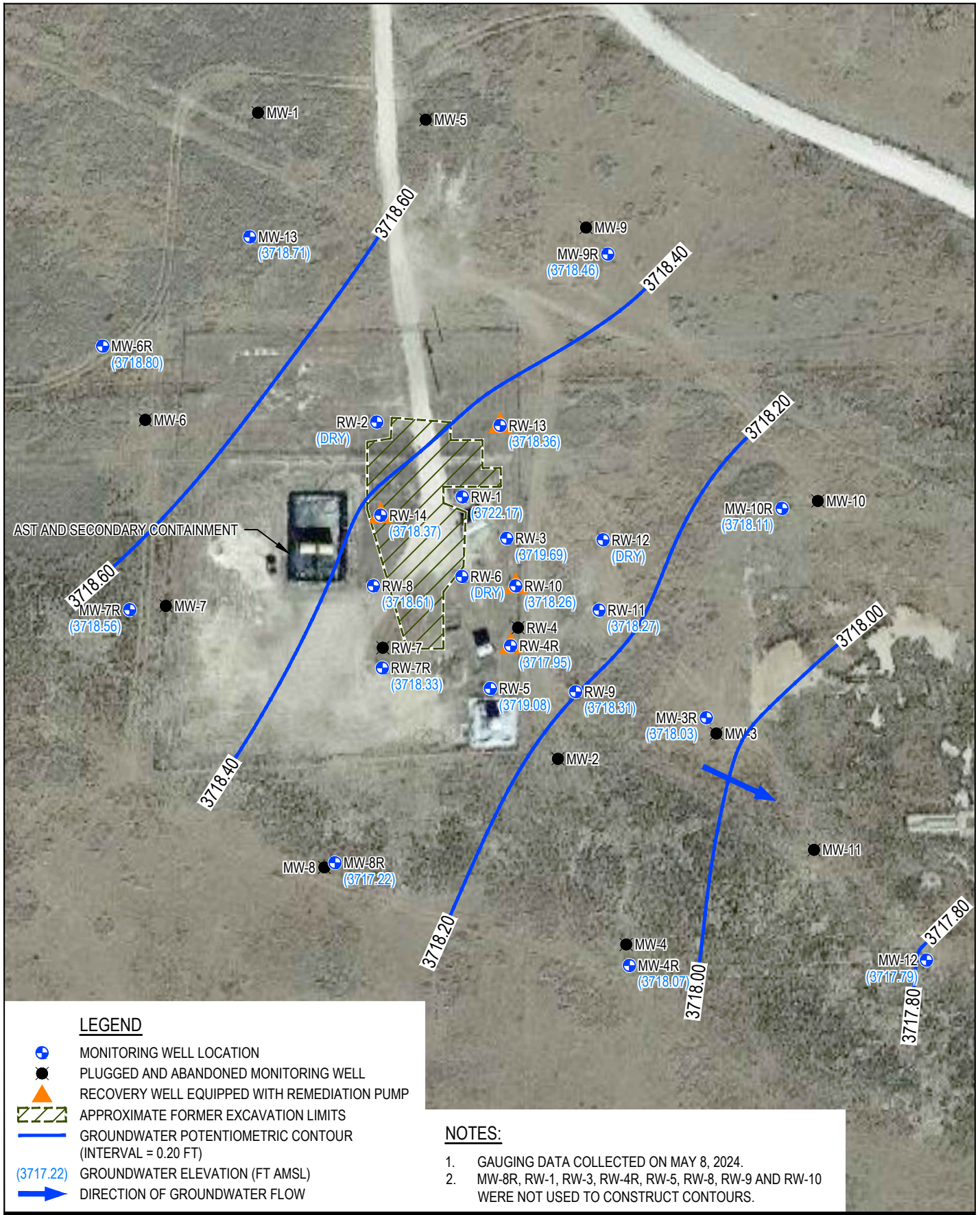
- + MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- ▲ RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.20 FT)
- (3718.44) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

**NOTES:**

1. GAUGING DATA COLLECTED ON FEBRUARY 9, 2024.
2. RW-2, RW-3, RW-4R, RW-5, RW-8, AND RW-10 WERE NOT USED TO CONSTRUCT CONTOURS.

 Coordinate System: NAD 1983 (2011) StatePlane- New Mexico East (US Feet)			<b>PLAINS ALL AMERICAN PIPELINE, L.P.</b> <b>LEA COUNTY, NEW MEXICO</b> <b>DARR ANGELL #2</b> <b>NMOCD AP-007</b>  <b>POTENTIOMETRIC SURFACE MAP</b> <b>(FEBRUARY 2024)</b>	Project No. <b>12604523</b> Date <b>April 2024</b>
--	--	--	---	---

**FIGURE 3**



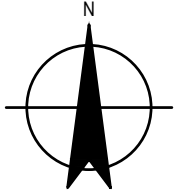
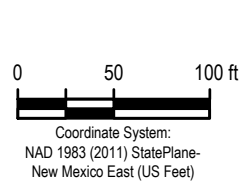
AST AND SECONDARY CONTAINMENT

**LEGEND**

- ⊕ MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- ▲ RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.20 FT)
- (3717.22) GROUNDWATER ELEVATION (FT AMSL)
- ➔ DIRECTION OF GROUNDWATER FLOW

**NOTES:**

1. GAUGING DATA COLLECTED ON MAY 8, 2024.
2. MW-8R, RW-1, RW-3, RW-4R, RW-5, RW-8, RW-9 AND RW-10 WERE NOT USED TO CONSTRUCT CONTOURS.



PLAINS ALL AMERICAN PIPELINE, L.P.  
 LEA COUNTY, NEW MEXICO  
 DARR ANGELL #2  
 NMOCD AP-007

**POTENTIOMETRIC SURFACE MAP  
 (MAY 2024)**

Project No. 12604523  
 Date June 2024

**FIGURE 4**

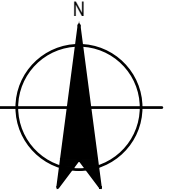
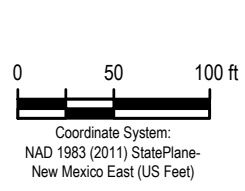


**LEGEND**

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.20 FT)
- GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

**NOTES:**

- GAUGING DATA COLLECTED ON AUGUST 7, 2024.
- RW-1, RW-3, RW-4R, RW-5, RW-8, RW-9, RW-12, AND RW-14 WERE NOT USED TO CONSTRUCT CONTOURS.

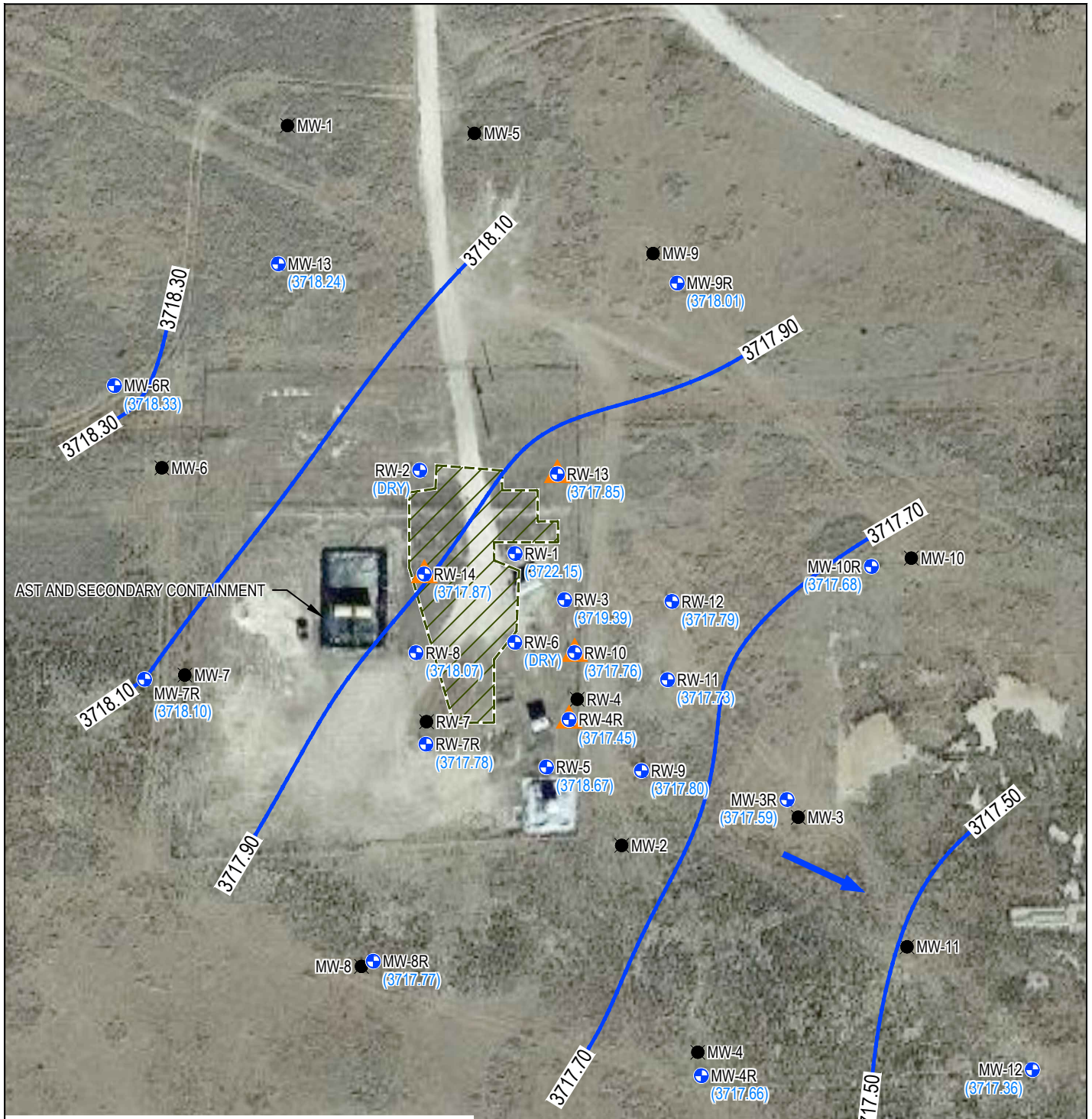


PLAINS ALL AMERICAN PIPELINE, L.P.  
 LEA COUNTY, NEW MEXICO  
 DARR ANGELL #2  
 NMOCD AP-007

**POTENTIOMETRIC SURFACE MAP  
 (AUGUST 2024)**

Project No. 12604523  
 Date January 2025

**FIGURE 5**

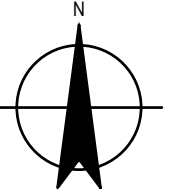
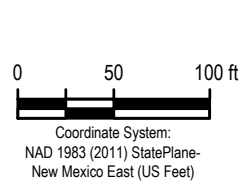


**LEGEND**

- + MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- ▲ RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.20 FT)
- (3717.77) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

**NOTES:**

1. GAUGING DATA COLLECTED ON NOVEMBER 5, 2024.
2. RW-1, RW-3, RW-4R, RW-5, RW-8, RW-10, RW-12, AND RW-14 WERE NOT USED TO CONSTRUCT CONTOURS.

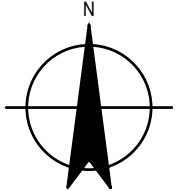
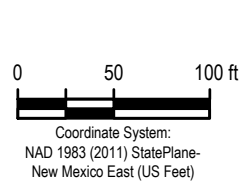
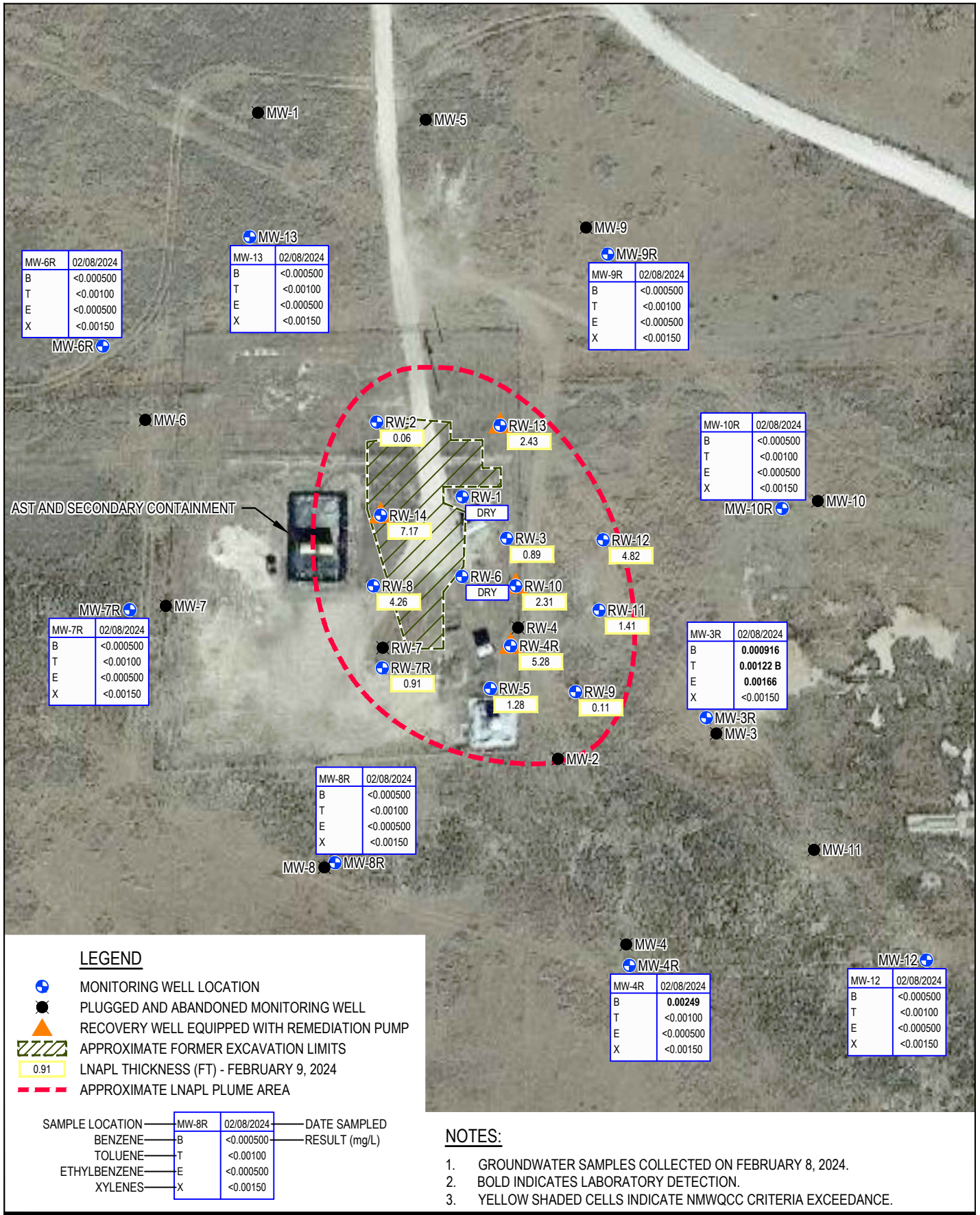


PLAINS ALL AMERICAN PIPELINE, L.P.  
 LEA COUNTY, NEW MEXICO  
 DARR ANGELL #2  
 NMOCD AP-007

**POTENTIOMETRIC SURFACE MAP  
 (NOVEMBER 2024)**

Project No. 12604523  
 Date January 2025

**FIGURE 6**

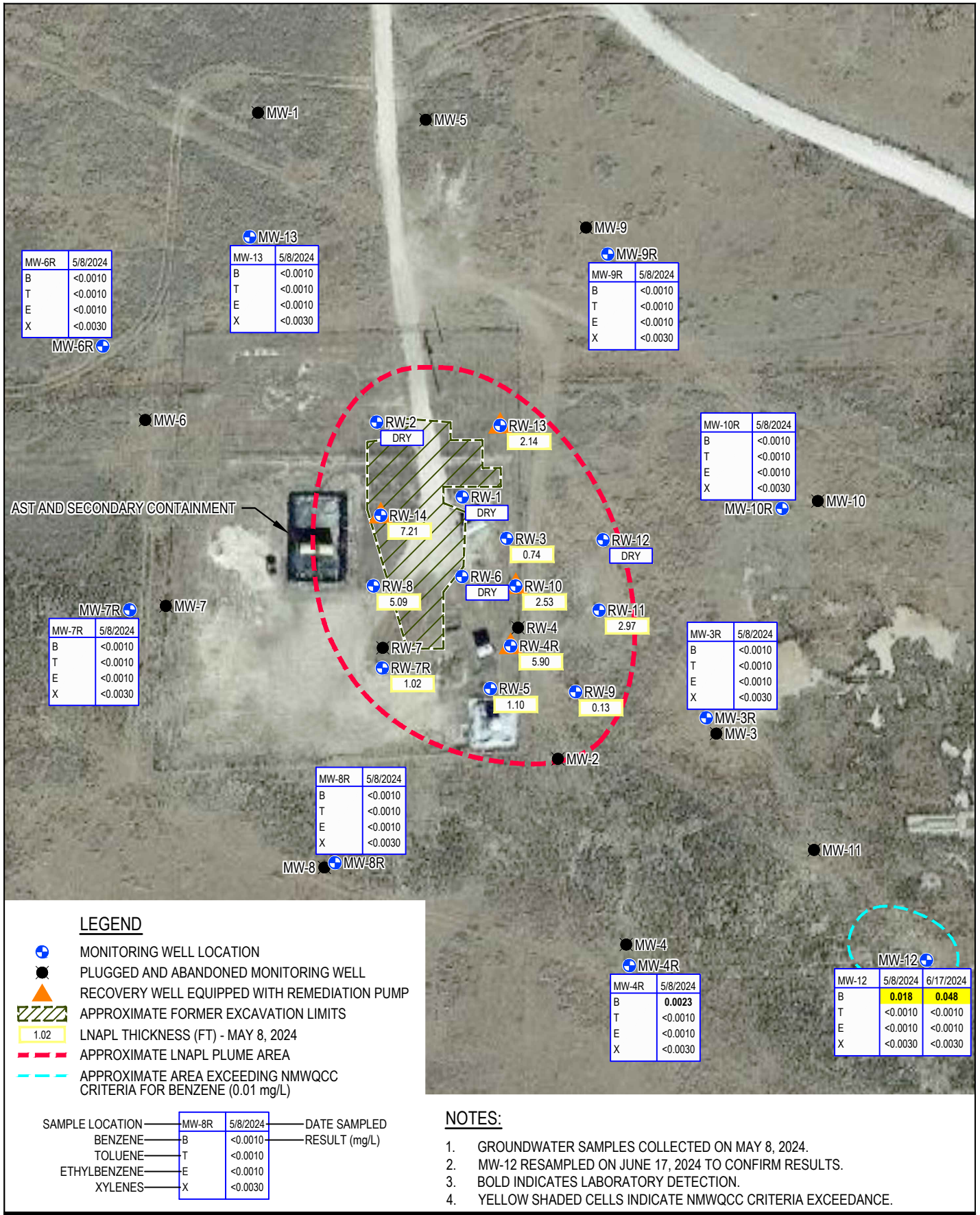


PLAINS ALL AMERICAN PIPELINE, L.P.  
 LEA COUNTY, NEW MEXICO  
 DARR ANGELL #2  
 NMOCD AP-007

**COC CONCENTRATIONS IN GROUNDWATER (FEBRUARY 2024)**

Project No. 12604523  
 Date January 2025

**FIGURE 7**



0 50 100 ft

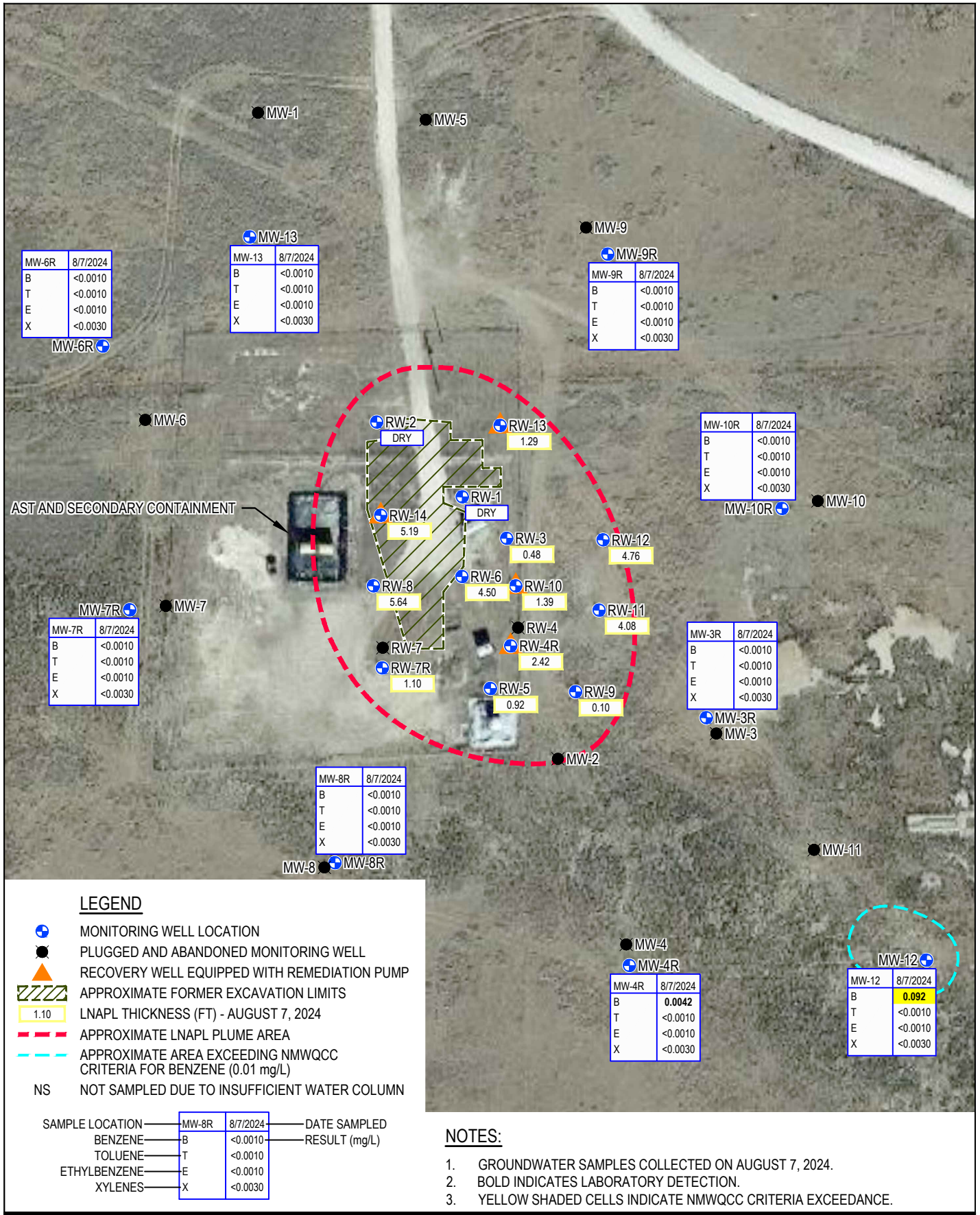
Coordinate System:  
NAD 1983 (2011) StatePlane-  
New Mexico East (US Feet)

PLAINS ALL AMERICAN PIPELINE, L.P.  
LEA COUNTY, NEW MEXICO  
DARR ANGELL #2  
NMOCD AP-007

**COC CONCENTRATIONS IN  
GROUNDWATER (MAY 2024)**

Project No. **12604523**  
Date **January 2025**

**FIGURE 8**



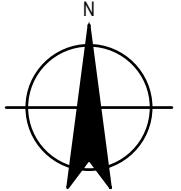
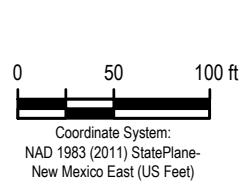
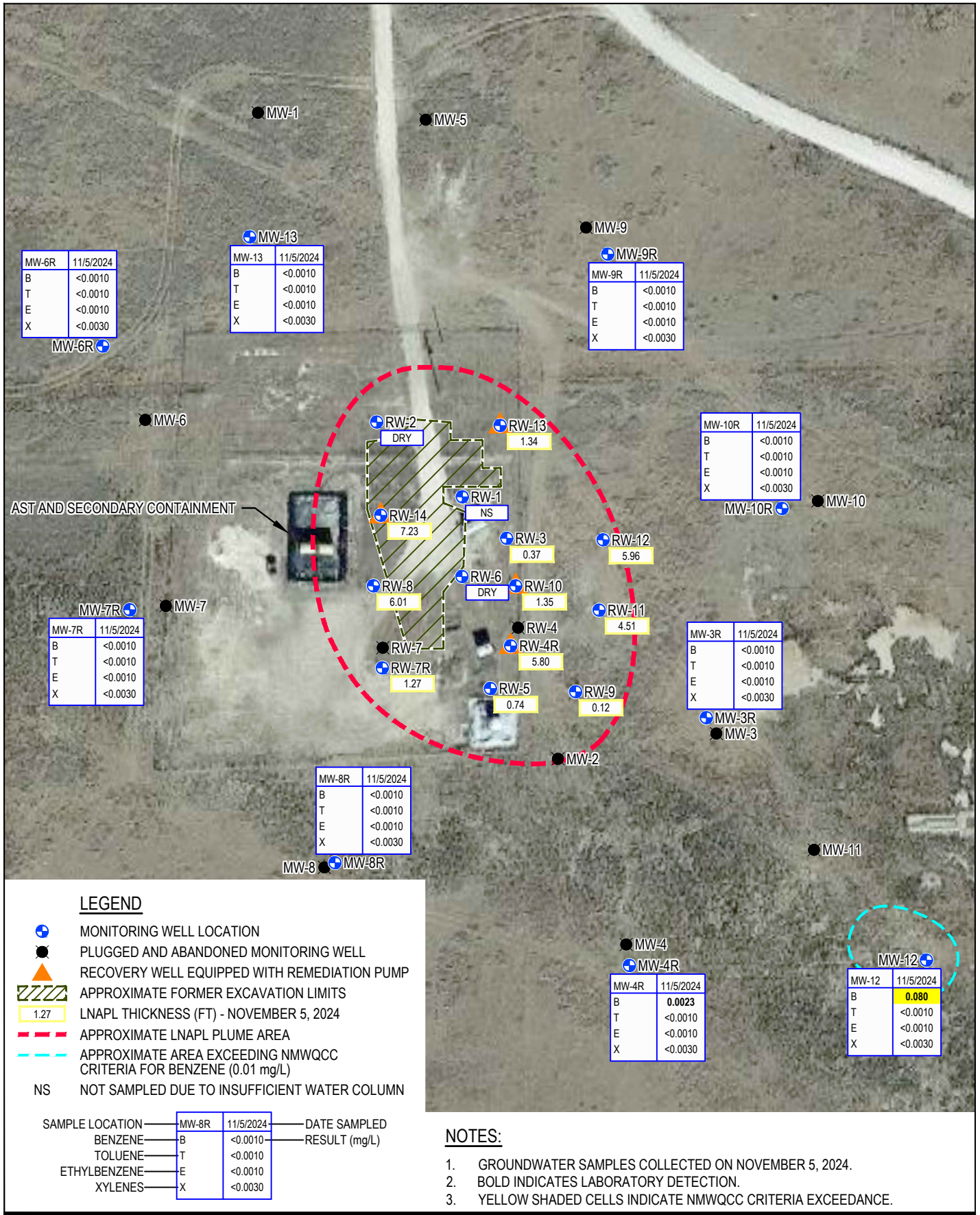
Coordinate System:  
NAD 1983 (2011) StatePlane-  
New Mexico East (US Feet)

PLAINS ALL AMERICAN PIPELINE, L.P.  
LEA COUNTY, NEW MEXICO  
DARR ANGELL #2  
NMOCD AP-007

**COC CONCENTRATIONS IN  
GROUNDWATER (AUGUST 2024)**

Project No. **12604523**  
Date **January 2025**

**FIGURE 9**



PLAINS ALL AMERICAN PIPELINE, L.P.  
LEA COUNTY, NEW MEXICO  
DARR ANGELL #2  
NMOCD AP-007

**COC CONCENTRATIONS IN  
GROUNDWATER (NOVEMBER 2024)**

Project No. 12604523  
Date January 2025

**FIGURE 10**



# Appendices

# Appendix A

## Release Notification and Corrective Action, Form C-141

2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Submit 2 copies to  
Appropriate District  
Office in accordance  
with Rule 116 on  
back side of form

111 North First St  
Alamogordo, NM 88210  
District III - (505) 334-6170  
000 Eljo Brazos Road  
State, NM 87410  
District IV - (505) 827-7131

STATE Byrd LE 1999-59

Release Notification and Corrective Action

OPERATOR

Initial Report

Final Report

NAME Lott Energy Pipeline	Contact Lennah Frost
Address PO Box 1660	Telephone No. 915/6843467
Facility Name	Facility Type Pipeline

Surface Owner State of New Mexico	Mineral Owner	Lease No.
--------------------------------------	---------------	-----------

LOCATION OF RELEASE

Well Letter L	Section 32	Township 19S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
------------------	---------------	-----------------	--------------	---------------	------------------	---------------	----------------	---------------

NATURE OF RELEASE

Type of Release Crude oil	Volume of Release 260 bbl/s	Volume Recovered 200 bbl/s
Source of Release Crude oil pipeline	Date and Hour of Occurrence 7/8/99 1pm	Date and Hour of Discovery 7/8/99 1pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, to Whom? Chris Williams	
By Whom? Lennah Frost	Date and Time 7/18/99 - 2:30p	
Was a Microcosm Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impinging the Microcosm	

Microcosm was impacted. Describe Fully (Attach Additional Sheets if Necessary)

Describe Cause of Problem and Remedial Action Taken (Attach Additional Sheets if Necessary)  
Internal Corrosion - Leak Clamped off will replace pipe ASAP

Describe Area Affected and Cleanup Action Taken (Attach Additional Sheets if Necessary)  
Will occurred in a previously remediated site. Will evaluate for cleanup this week

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOLD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOLD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to ground water, surface water, human health or the environment. In addition, NMOLD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Lennah Frost	OIL CONSERVATION DIVISION	
Printed Name: Lennah Frost	Approved by District Supervisor:	Expiration Date:
SR. ENV. ENG	Approval Date:	Attached <input type="checkbox"/>
7-20-99	Conditions of Approval:	

# Appendix B

## Certified Laboratory Analytical Reports



# ANALYTICAL REPORT

February 19, 2024

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

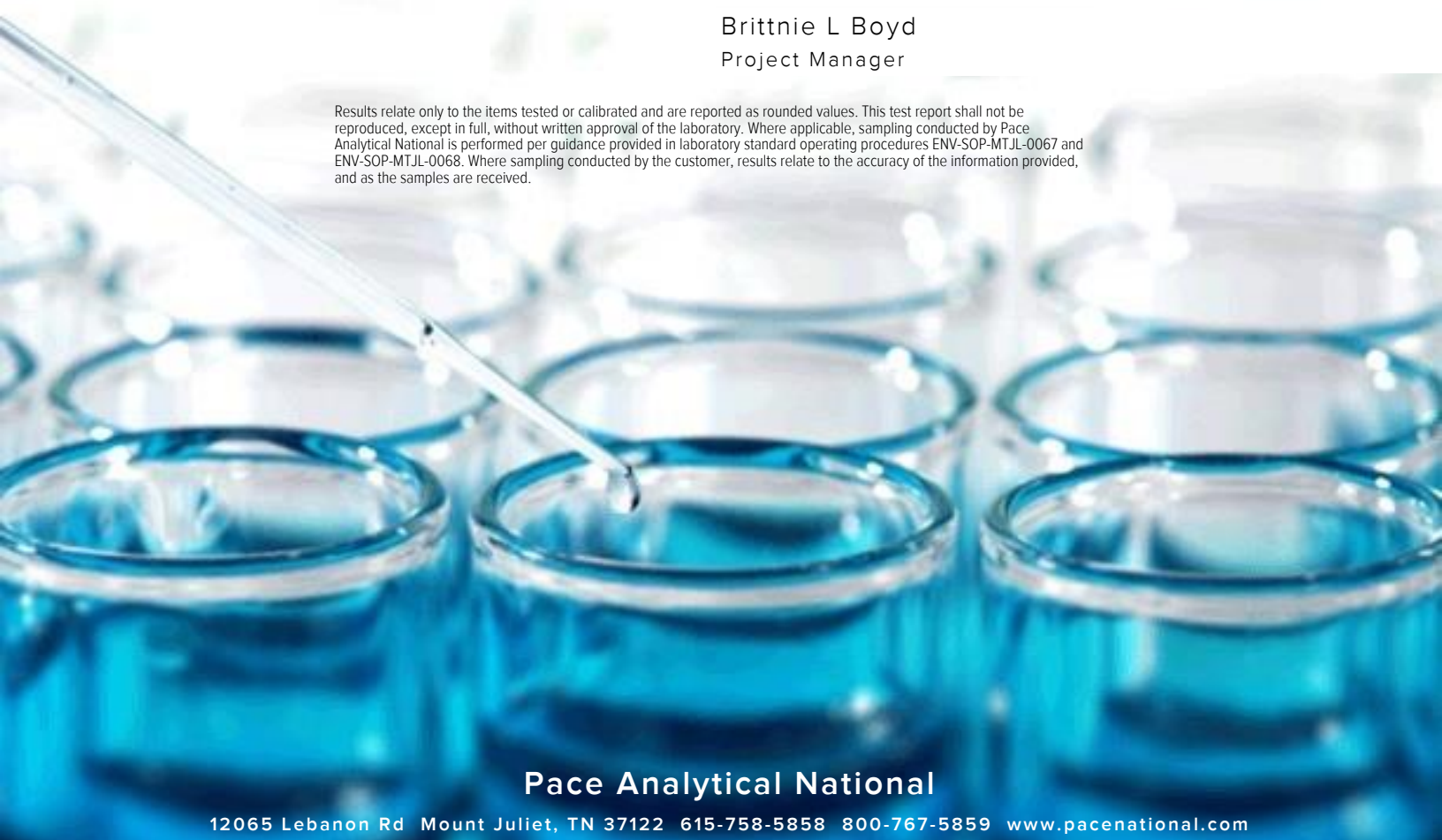
## Plains All American, LP - GHD

Sample Delivery Group: L1704761  
 Samples Received: 02/10/2024  
 Project Number: SRS #LF 1999-62  
 Description: Plains/Darr Angell No. 2  
 Site: SRS #LF 1999-62  
 Report To: Adrianna Copeland  
 2135 S Loop 250 W  
 Midland, TX 79703

Entire Report Reviewed By:

Brittnie L Boyd  
Project Manager

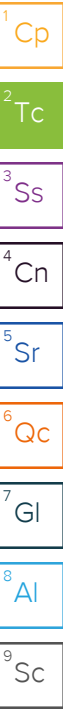
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



**Pace Analytical National**

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

<b>Cp: Cover Page</b>	<b>1</b>
<b>Tc: Table of Contents</b>	<b>2</b>
<b>Ss: Sample Summary</b>	<b>3</b>
<b>Cn: Case Narrative</b>	<b>5</b>
<b>Sr: Sample Results</b>	<b>6</b>
D2-MW-13-020824 L1704761-01	6
D2-MW-6R-020824 L1704761-02	7
D2-MW-7R-020824 L1704761-03	8
D2-MW-8R-020824 L1704761-04	9
D2-MW-4R-020824 L1704761-05	10
D2-MW-12-020824 L1704761-06	11
D2-MW-10R-020824 L1704761-07	12
D2-MW-3R-020824 L1704761-08	13
D2-MW-9R-020824 L1704761-09	14
D2-DUP1-020824 L1704761-10	15
TRIP BLANK L1704761-11	16
<b>Qc: Quality Control Summary</b>	<b>17</b>
<b>Volatile Organic Compounds (GC) by Method 8021B</b>	<b>17</b>
<b>Gl: Glossary of Terms</b>	<b>18</b>
<b>Al: Accreditations &amp; Locations</b>	<b>19</b>
<b>Sc: Sample Chain of Custody</b>	<b>20</b>



D2-MW-13-020824 L1704761-01 GW

Collected by Hector Orosco  
Collected date/time 02/08/24 12:30  
Received date/time 02/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2228308	1	02/17/24 19:27	02/17/24 19:27	JHH	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

D2-MW-6R-020824 L1704761-02 GW

Collected by Hector Orosco  
Collected date/time 02/08/24 13:00  
Received date/time 02/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2228308	1	02/17/24 19:50	02/17/24 19:50	JHH	Mt. Juliet, TN

4 Cn

5 Sr

D2-MW-7R-020824 L1704761-03 GW

Collected by Hector Orosco  
Collected date/time 02/08/24 13:30  
Received date/time 02/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2228308	1	02/17/24 20:13	02/17/24 20:13	JHH	Mt. Juliet, TN

6 Qc

7 Gl

D2-MW-8R-020824 L1704761-04 GW

Collected by Hector Orosco  
Collected date/time 02/08/24 13:45  
Received date/time 02/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2228308	1	02/17/24 20:35	02/17/24 20:35	JHH	Mt. Juliet, TN

8 Al

9 Sc

D2-MW-4R-020824 L1704761-05 GW

Collected by Hector Orosco  
Collected date/time 02/08/24 14:00  
Received date/time 02/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2228308	1	02/17/24 20:58	02/17/24 20:58	JHH	Mt. Juliet, TN

D2-MW-12-020824 L1704761-06 GW

Collected by Hector Orosco  
Collected date/time 02/08/24 14:00  
Received date/time 02/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2228308	1	02/17/24 21:21	02/17/24 21:21	JHH	Mt. Juliet, TN

D2-MW-10R-020824 L1704761-07 GW

Collected by Hector Orosco  
Collected date/time 02/08/24 14:20  
Received date/time 02/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2228308	1	02/17/24 21:43	02/17/24 21:43	JHH	Mt. Juliet, TN

D2-MW-3R-020824 L1704761-08 GW

Collected by Hector Orosco  
Collected date/time 02/08/24 14:30  
Received date/time 02/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2228308	1	02/17/24 22:06	02/17/24 22:06	JHH	Mt. Juliet, TN

D2-MW-9R-020824 L1704761-09 GW

Collected by Hector Orosco  
Collected date/time 02/08/24 14:40  
Received date/time 02/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2228308	1	02/17/24 22:29	02/17/24 22:29	JHH	Mt. Juliet, TN

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

D2-DUP1-020824 L1704761-10 GW

Collected by Hector Orosco  
Collected date/time 02/08/24 00:00  
Received date/time 02/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2228308	1	02/17/24 22:52	02/17/24 22:52	JHH	Mt. Juliet, TN

<sup>4</sup>Cn

<sup>5</sup>Sr

TRIP BLANK L1704761-11 GW

Collected by Hector Orosco  
Collected date/time 02/08/24 00:00  
Received date/time 02/10/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2228308	1	02/17/24 19:04	02/17/24 19:04	JHH	Mt. Juliet, TN

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brittnie L Boyd  
Project Manager

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Collected date/time: 02/08/24 12:30

L1704761

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	02/17/2024 19:27	<a href="#">WG2228308</a>
Toluene	ND		0.00100	1	02/17/2024 19:27	<a href="#">WG2228308</a>
Ethylbenzene	ND		0.000500	1	02/17/2024 19:27	<a href="#">WG2228308</a>
Total Xylene	ND		0.00150	1	02/17/2024 19:27	<a href="#">WG2228308</a>
(S) a,a,a-Trifluorotoluene(PID)	104		79.0-125		02/17/2024 19:27	<a href="#">WG2228308</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Collected date/time: 02/08/24 13:00

L1704761

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	02/17/2024 19:50	<a href="#">WG2228308</a>
Toluene	ND		0.00100	1	02/17/2024 19:50	<a href="#">WG2228308</a>
Ethylbenzene	ND		0.000500	1	02/17/2024 19:50	<a href="#">WG2228308</a>
Total Xylene	ND		0.00150	1	02/17/2024 19:50	<a href="#">WG2228308</a>
(S) a,a,a-Trifluorotoluene(PID)	103		79.0-125		02/17/2024 19:50	<a href="#">WG2228308</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Collected date/time: 02/08/24 13:30

L1704761

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	02/17/2024 20:13	<a href="#">WG2228308</a>
Toluene	ND		0.00100	1	02/17/2024 20:13	<a href="#">WG2228308</a>
Ethylbenzene	ND		0.000500	1	02/17/2024 20:13	<a href="#">WG2228308</a>
Total Xylene	ND		0.00150	1	02/17/2024 20:13	<a href="#">WG2228308</a>
(S) a,a,a-Trifluorotoluene(PID)	104		79.0-125		02/17/2024 20:13	<a href="#">WG2228308</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Collected date/time: 02/08/24 13:45

L1704761

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	02/17/2024 20:35	<a href="#">WG2228308</a>
Toluene	ND		0.00100	1	02/17/2024 20:35	<a href="#">WG2228308</a>
Ethylbenzene	ND		0.000500	1	02/17/2024 20:35	<a href="#">WG2228308</a>
Total Xylene	ND		0.00150	1	02/17/2024 20:35	<a href="#">WG2228308</a>
(S) a,a,a-Trifluorotoluene(PID)	103		79.0-125		02/17/2024 20:35	<a href="#">WG2228308</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 02/08/24 14:00

L1704761

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	0.00249		0.000500	1	02/17/2024 20:58	<a href="#">WG2228308</a>
Toluene	ND		0.00100	1	02/17/2024 20:58	<a href="#">WG2228308</a>
Ethylbenzene	ND		0.000500	1	02/17/2024 20:58	<a href="#">WG2228308</a>
Total Xylene	ND		0.00150	1	02/17/2024 20:58	<a href="#">WG2228308</a>
(S) a,a,a-Trifluorotoluene(PID)	103		79.0-125		02/17/2024 20:58	<a href="#">WG2228308</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Collected date/time: 02/08/24 14:00

L1704761

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	02/17/2024 21:21	<a href="#">WG2228308</a>
Toluene	ND		0.00100	1	02/17/2024 21:21	<a href="#">WG2228308</a>
Ethylbenzene	ND		0.000500	1	02/17/2024 21:21	<a href="#">WG2228308</a>
Total Xylene	ND		0.00150	1	02/17/2024 21:21	<a href="#">WG2228308</a>
(S) a,a,a-Trifluorotoluene(PID)	101		79.0-125		02/17/2024 21:21	<a href="#">WG2228308</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Collected date/time: 02/08/24 14:20

L1704761

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	02/17/2024 21:43	<a href="#">WG2228308</a>
Toluene	ND		0.00100	1	02/17/2024 21:43	<a href="#">WG2228308</a>
Ethylbenzene	ND		0.000500	1	02/17/2024 21:43	<a href="#">WG2228308</a>
Total Xylene	ND		0.00150	1	02/17/2024 21:43	<a href="#">WG2228308</a>
(S) a,a,a-Trifluorotoluene(PID)	103		79.0-125		02/17/2024 21:43	<a href="#">WG2228308</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Collected date/time: 02/08/24 14:30

L1704761

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	0.000916		0.000500	1	02/17/2024 22:06	<a href="#">WG2228308</a>
Toluene	0.00122	B	0.00100	1	02/17/2024 22:06	<a href="#">WG2228308</a>
Ethylbenzene	0.00166		0.000500	1	02/17/2024 22:06	<a href="#">WG2228308</a>
Total Xylene	ND		0.00150	1	02/17/2024 22:06	<a href="#">WG2228308</a>
(S) a,a,a-Trifluorotoluene(PID)	101		79.0-125		02/17/2024 22:06	<a href="#">WG2228308</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Collected date/time: 02/08/24 14:40

L1704761

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	02/17/2024 22:29	<a href="#">WG2228308</a>
Toluene	ND		0.00100	1	02/17/2024 22:29	<a href="#">WG2228308</a>
Ethylbenzene	ND		0.000500	1	02/17/2024 22:29	<a href="#">WG2228308</a>
Total Xylene	ND		0.00150	1	02/17/2024 22:29	<a href="#">WG2228308</a>
(S) a,a,a-Trifluorotoluene(PID)	103		79.0-125		02/17/2024 22:29	<a href="#">WG2228308</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Collected date/time: 02/08/24 00:00

L1704761

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000884		0.000500	1	02/17/2024 22:52	<a href="#">WG2228308</a>
Toluene	0.00121	<u>B</u>	0.00100	1	02/17/2024 22:52	<a href="#">WG2228308</a>
Ethylbenzene	0.00167		0.000500	1	02/17/2024 22:52	<a href="#">WG2228308</a>
Total Xylene	ND		0.00150	1	02/17/2024 22:52	<a href="#">WG2228308</a>
(S) a,a,a-Trifluorotoluene(PID)	101		79.0-125		02/17/2024 22:52	<a href="#">WG2228308</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Collected date/time: 02/08/24 00:00

L1704761

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	02/17/2024 19:04	<a href="#">WG2228308</a>
Toluene	ND		0.00100	1	02/17/2024 19:04	<a href="#">WG2228308</a>
Ethylbenzene	ND		0.000500	1	02/17/2024 19:04	<a href="#">WG2228308</a>
Total Xylene	ND		0.00150	1	02/17/2024 19:04	<a href="#">WG2228308</a>
(S) a,a,a-Trifluorotoluene(PID)	103		79.0-125		02/17/2024 19:04	<a href="#">WG2228308</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method 8021B

L1704761-01,02,03,04,05,06,07,08,09,10,11

Method Blank (MB)

(MB) R4035254-3 02/17/24 14:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Benzene	U		0.000190	0.000500
Toluene	0.000630	U	0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	105			79.0-125

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

Laboratory Control Sample (LCS)

(LCS) R4035254-1 02/17/24 13:47

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/l	mg/l	%	%	
Benzene	0.0500	0.0514	103	77.0-122	
Toluene	0.0500	0.0473	94.6	80.0-121	
Ethylbenzene	0.0500	0.0559	112	80.0-123	
Total Xylene	0.150	0.158	105	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			103	79.0-125	

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.


**Plains All American, LP - GHD**

2135 S Loop 250 W  
Midland, TX 79703

Billing Information:  
**Accounts Payable**  
505 N. Big Spring, Ste. 600  
Midland, TX 79701

Analysis / Container / Preservative									
Pres									
Chk									

Chain of Custody



**MT JULIET, TN**

12065 Lebanon Rd Mount Juliet, TN 37122  
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:  
**Adrianna Copeland**

Email To:  
adrianna.copeland@ghd.com; KHudgens@paalp.

Project Description:  
**Plains/Darr Angell No. 2**

City/State Collected:  
**Lea county NM**

Please Circle:  
PT  MT  CT  ET

Phone: **281-615-3420**

Client Project #  
**SRS #LF 1999-62**

Lab Project #  
**PLAINSGHD-LF199962**

Collected by (print):  
**Hector Orosco**

Site/Facility ID #  
**SRS #LF 1999-62**

P.O. #

Collected by (signature):  
*Hector Orosco*

**Rush?** (Lab MUST Be Notified)  
 Same Day  Five Day  
 Next Day  5 Day (Rad Only)  
 Two Day  10 Day (Rad Only)  
 Three Day

Quote #

Date Results Needed

Immediately Packed on Ice N  Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
D2-MW-13-020824		GW		2-8-24	1230	3
D2-MW-6R-020824		GW		2-8-24	1300	3
D2-MW-7R-020824		GW		2-8-24	1330	3
D2-MW-8R-020824		GW		2-8-24	1345	3
D2-MW-4R-020824		GW		2-8-24	1400	3
D2-MW-12-020824		GW		2-8-24	1400	3
D2-MW-10R-020824		GW		2-8-24	1420	3
D2-MW-3R-020824		GW		2-8-24	1430	3
D2-MW-9R-020824		GW		2-8-24	1440	3
		GW				

BTEX 40mIAmb-HCI

SDG # **L1704761**

**G052**

Acctnum: **PLAINSGHD**  
Template: **T223529**  
Prelogin: **P1050427**  
PM: **829 - Brittnie L Boyd**  
PB:  
Shipped Via:

Remarks	Sample # (lab only)
	01
	02
	03
	04
	05
	06
	07
	08
	09

\* Matrix:  
SS - Soil AIR - Air F - Filter  
GW - Groundwater B - Bioassay  
WW - WasteWater  
DW - Drinking Water  
OT - Other

Remarks: **Include 1 trip blank in cooler**

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

**Sample Receipt Checklist**

COC Seal Present/Intact:  NP  Y  N  
 COC Signed/Accurate:  Y  N  
 Bottles arrive intact:  Y  N  
 Correct bottles used:  Y  N  
 Sufficient volume sent:  Y  N  
 If Applicable  
 VOA Zero Headspace:  Y  N  
 Preservation Correct/Checked:  Y  N  
 RAD Screen <0.5 mR/hr:  Y  N

Samples returned via:  
 UPS  FedEx  Courier

Tracking #

Relinquished by: (Signature)  
*[Signature]*

Date: **2/9/24**  
Time: **15:00**

Received by: (Signature)  
*[Signature]*

Trip Blank Received:  Yes  No  
HCL / MeOH  
TBR

Relinquished by: (Signature)  
*[Signature]*

Date: **2-9-24**  
Time: **15:55**

Received by: (Signature)  
*[Signature]*

Temp: **12.4** °C  
Bottles Received: **30**

If preservation required by Login: Date/Time

Relinquished by: (Signature)  
*[Signature]*

Date: **2/10/24**  
Time: **0930**

Received for Lab by: (Signature)  
*[Signature]*

Date: **2/10/24**  
Time: **0930**

Hold: Condition: **NCF / OK**



**Plains All American, LP - GHD**

2135 S Loop 250 W  
Midland, TX 79703

Billing Information:  
**Accounts Payable**  
505 N. Big Spring, Ste. 600  
Midland, TX 79701

Pres  
Chk

Analysis / Container / Preservative



**MT JULIET, TN**

12065 Lebanon Rd Mount Juliet, TN 37122  
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>

Report to:  
**Adrianna Copeland**

Email To:  
adrianna.copeland@ghd.com;KHudgens@paalp.

Project Description:  
**Plains/Darr Angell No. 2**

City/State Collected: **Lea county NM**

Please Circle:  
PT **MT** CT ET

Phone: **281-615-3420**

Client Project #  
**SRS #LF 1999-62**

Lab Project #  
**PLAINSGHD-LF199962**

Collected by (print):  
**Hector orosco**

Site/Facility ID #  
**SRS #LF 1999-62**

P.O. #

Collected by (signature):  
*Hector*

**Rush?** (Lab MUST Be Notified)  
 Same Day  Five Day  
 Next Day  5 Day (Rad Only)  
 Two Day  10 Day (Rad Only)  
 Three Day

Quote #

Date Results Needed

Immediately Packed on Ice N  Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
D2-DUP1-020824		GW		2-8-24		3
		GW				
TRIP BLANK		GW		2-8-24		2
		GW				

BTEX 40ml/Amb-HCl

SDG # **L1704761**  
 Table #  
 Acctnum: **PLAINSGHD**  
 Template: **T223529**  
 Prelogin: **P1050427**  
 PM: **829 - Brittnie L Boyd**  
 PB:  
 Shipped Via:  
 Remarks Sample # (lab only)

\* Matrix:  
 SS - Soil AIR - Air F - Filter  
 GW - Groundwater B - Bioassay  
 WW - WasteWater  
 DW - Drinking Water  
 OT - Other

Remarks: **Include 1 trip blank in cooler**

pH \_\_\_\_\_ Temp \_\_\_\_\_  
 Flow \_\_\_\_\_ Other \_\_\_\_\_

**Sample Receipt Checklist**

COC Seal Present/Intact:	NP	Y	<input checked="" type="checkbox"/>
COC Signed/Accurate:		Y	<input checked="" type="checkbox"/>
Bottles arrive intact:		Y	<input checked="" type="checkbox"/>
Correct bottles used:		Y	<input checked="" type="checkbox"/>
Sufficient volume sent:		Y	<input checked="" type="checkbox"/>
If Applicable			
VOA Zero Headspace:		Y	<input checked="" type="checkbox"/>
Preservation Correct/Checked:		Y	<input checked="" type="checkbox"/>
RAD Screen <0.5 mR/hr:		Y	<input checked="" type="checkbox"/>

Samples returned via:  
 UPS  FedEx  Courier

Tracking #

Relinquished by: (Signature)  
*[Signature]*

Date: **2/9/24**  
Time: **15:00**

Received by: (Signature)  
*Eriena Ayala*

Trip Blank Received:  Yes  No  
 HSL / MeOH TBR

Relinquished by: (Signature)  
*Eriena Ayala*

Date: **2-9-24**  
Time: **15:55**

Received by: (Signature)  
*[Signature]*

Temp: **1.2** °C  
 Bottles Received: **30**

If preservation required by Login: Date/Time

Released to Imaging: 9/24/2025 10:02:20 AM

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received for lab by: (Signature)  
*[Signature]*

Date: **2/10/24** Time: **0930**

Hold: \_\_\_\_\_ Condition: **NCF / OK**



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10450 Stancliff Rd. Suite 210  
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May 14, 2024

Chris Knight  
GHD  
11451 Katy Fwy  
Suite 400  
Houston, TX 77079

Work Order: **HS24050543**

Laboratory Results for: **12604523 - Darr Angell No.2**

Dear Chris Knight,

ALS Environmental received 11 sample(s) on May 09, 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,

A handwritten signature in black ink, appearing to read 'Luis Aguilar', written in a cursive style.

Generated By: JUMOKE.LAWAL  
Luis.Aguilar

**ALS Houston, US**

Date: 14-May-24

**Client:** GHD  
**Project:** 12604523 - Darr Angell No.2  
**Work Order:** HS24050543

**SAMPLE SUMMARY**

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24050543-01	D2-MW-3R-05082024	Groundwater		08-May-2024 10:55	09-May-2024 10:20	<input type="checkbox"/>
HS24050543-02	D2-MW-4R-05082024	Groundwater		08-May-2024 11:45	09-May-2024 10:20	<input type="checkbox"/>
HS24050543-03	D2-MW-6R-05082024	Groundwater		08-May-2024 12:20	09-May-2024 10:20	<input type="checkbox"/>
HS24050543-04	D2-MW-7R-05082024	Groundwater		08-May-2024 12:45	09-May-2024 10:20	<input type="checkbox"/>
HS24050543-05	D2-MW-8R-05082024	Groundwater		08-May-2024 10:50	09-May-2024 10:20	<input type="checkbox"/>
HS24050543-06	D2-MW-9R-05082024	Groundwater		08-May-2024 11:30	09-May-2024 10:20	<input type="checkbox"/>
HS24050543-07	D2-MW-10R-05082024	Groundwater		08-May-2024 11:55	09-May-2024 10:20	<input type="checkbox"/>
HS24050543-08	D2-MW-12-05082024	Groundwater		08-May-2024 12:20	09-May-2024 10:20	<input type="checkbox"/>
HS24050543-09	D2-MW-13-05082024	Groundwater		08-May-2024 12:50	09-May-2024 10:20	<input type="checkbox"/>
HS24050543-10	D2-DUP1-05082024	Groundwater		08-May-2024 00:00	09-May-2024 10:20	<input type="checkbox"/>
HS24050543-11	Trip Blank	Water	CG-040124 -624	08-May-2024 00:00	09-May-2024 10:20	<input checked="" type="checkbox"/>

**ALS Houston, US**

Date: 14-May-24

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**Client:** GHD  
**Project:** 12604523 - Darr Angell No.2  
**Work Order:** HS24050543

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**CASE NARRATIVE**

**GCMS Volatiles by Method SW8260**

**Batch ID: R466509,R466512**

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

**ALS Houston, US**

Date: 14-May-24

Client: GHD  
 Project: 12604523 - Darr Angell No.2  
 Sample ID: D2-MW-3R-05082024  
 Collection Date: 08-May-2024 10:55

**ANALYTICAL REPORT**

WorkOrder:HS24050543  
 Lab ID:HS24050543-01  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	10-May-2024 17:08
Ethylbenzene	< 0.0010		0.0010	mg/L	1	10-May-2024 17:08
Toluene	< 0.0010		0.0010	mg/L	1	10-May-2024 17:08
Xylenes, Total	< 0.0030		0.0030	mg/L	1	10-May-2024 17:08
Surr: 1,2-Dichloroethane-d4	106		70-126	%REC	1	10-May-2024 17:08
Surr: 4-Bromofluorobenzene	110		77-113	%REC	1	10-May-2024 17:08
Surr: Dibromofluoromethane	96.9		77-123	%REC	1	10-May-2024 17:08
Surr: Toluene-d8	102		82-127	%REC	1	10-May-2024 17:08

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

**ALS Houston, US**

Date: 14-May-24

Client: GHD  
 Project: 12604523 - Darr Angell No.2  
 Sample ID: D2-MW-4R-05082024  
 Collection Date: 08-May-2024 11:45

**ANALYTICAL REPORT**

WorkOrder:HS24050543  
 Lab ID:HS24050543-02  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
<b>Benzene</b>	<b>0.0023</b>		<b>0.0010</b>	<b>mg/L</b>	1	10-May-2024 17:30
Ethylbenzene	< 0.0010		0.0010	mg/L	1	10-May-2024 17:30
Toluene	< 0.0010		0.0010	mg/L	1	10-May-2024 17:30
Xylenes, Total	< 0.0030		0.0030	mg/L	1	10-May-2024 17:30
Surr: 1,2-Dichloroethane-d4	113		70-126	%REC	1	10-May-2024 17:30
Surr: 4-Bromofluorobenzene	101		77-113	%REC	1	10-May-2024 17:30
Surr: Dibromofluoromethane	99.0		77-123	%REC	1	10-May-2024 17:30
Surr: Toluene-d8	98.0		82-127	%REC	1	10-May-2024 17:30

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

**ALS Houston, US**

Date: 14-May-24

Client: GHD  
 Project: 12604523 - Darr Angell No.2  
 Sample ID: D2-MW-6R-05082024  
 Collection Date: 08-May-2024 12:20

**ANALYTICAL REPORT**  
 WorkOrder:HS24050543  
 Lab ID:HS24050543-03  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	10-May-2024 17:53
Ethylbenzene	< 0.0010		0.0010	mg/L	1	10-May-2024 17:53
Toluene	< 0.0010		0.0010	mg/L	1	10-May-2024 17:53
Xylenes, Total	< 0.0030		0.0030	mg/L	1	10-May-2024 17:53
Surr: 1,2-Dichloroethane-d4	112		70-126	%REC	1	10-May-2024 17:53
Surr: 4-Bromofluorobenzene	101		77-113	%REC	1	10-May-2024 17:53
Surr: Dibromofluoromethane	98.8		77-123	%REC	1	10-May-2024 17:53
Surr: Toluene-d8	98.4		82-127	%REC	1	10-May-2024 17:53

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

**ALS Houston, US**

Date: 14-May-24

Client: GHD  
 Project: 12604523 - Darr Angell No.2  
 Sample ID: D2-MW-7R-05082024  
 Collection Date: 08-May-2024 12:45

**ANALYTICAL REPORT**

WorkOrder:HS24050543  
 Lab ID:HS24050543-04  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	10-May-2024 18:15
Ethylbenzene	< 0.0010		0.0010	mg/L	1	10-May-2024 18:15
Toluene	< 0.0010		0.0010	mg/L	1	10-May-2024 18:15
Xylenes, Total	< 0.0030		0.0030	mg/L	1	10-May-2024 18:15
Surr: 1,2-Dichloroethane-d4	108		70-126	%REC	1	10-May-2024 18:15
Surr: 4-Bromofluorobenzene	98.8		77-113	%REC	1	10-May-2024 18:15
Surr: Dibromofluoromethane	94.1		77-123	%REC	1	10-May-2024 18:15
Surr: Toluene-d8	93.3		82-127	%REC	1	10-May-2024 18:15

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



**ALS Houston, US**

Date: 14-May-24

Client: GHD  
 Project: 12604523 - Darr Angell No.2  
 Sample ID: D2-MW-8R-05082024  
 Collection Date: 08-May-2024 10:50

**ANALYTICAL REPORT**

WorkOrder:HS24050543  
 Lab ID:HS24050543-05  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	11-May-2024 02:44
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-May-2024 02:44
Toluene	< 0.0010		0.0010	mg/L	1	11-May-2024 02:44
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-May-2024 02:44
Surr: 1,2-Dichloroethane-d4	110		70-126	%REC	1	11-May-2024 02:44
Surr: 4-Bromofluorobenzene	99.5		77-113	%REC	1	11-May-2024 02:44
Surr: Dibromofluoromethane	97.8		77-123	%REC	1	11-May-2024 02:44
Surr: Toluene-d8	96.8		82-127	%REC	1	11-May-2024 02:44

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

**ALS Houston, US**

Date: 14-May-24

Client: GHD  
 Project: 12604523 - Darr Angell No.2  
 Sample ID: D2-MW-9R-05082024  
 Collection Date: 08-May-2024 11:30

**ANALYTICAL REPORT**  
 WorkOrder:HS24050543  
 Lab ID:HS24050543-06  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	11-May-2024 03:06
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-May-2024 03:06
Toluene	< 0.0010		0.0010	mg/L	1	11-May-2024 03:06
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-May-2024 03:06
Surr: 1,2-Dichloroethane-d4	109		70-126	%REC	1	11-May-2024 03:06
Surr: 4-Bromofluorobenzene	99.7		77-113	%REC	1	11-May-2024 03:06
Surr: Dibromofluoromethane	95.3		77-123	%REC	1	11-May-2024 03:06
Surr: Toluene-d8	96.0		82-127	%REC	1	11-May-2024 03:06

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

**ALS Houston, US**

Date: 14-May-24

Client: GHD  
 Project: 12604523 - Darr Angell No.2  
 Sample ID: D2-MW-10R-05082024  
 Collection Date: 08-May-2024 11:55

**ANALYTICAL REPORT**

WorkOrder:HS24050543  
 Lab ID:HS24050543-07  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	11-May-2024 03:28
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-May-2024 03:28
Toluene	< 0.0010		0.0010	mg/L	1	11-May-2024 03:28
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-May-2024 03:28
Surr: 1,2-Dichloroethane-d4	109		70-126	%REC	1	11-May-2024 03:28
Surr: 4-Bromofluorobenzene	102		77-113	%REC	1	11-May-2024 03:28
Surr: Dibromofluoromethane	96.0		77-123	%REC	1	11-May-2024 03:28
Surr: Toluene-d8	97.1		82-127	%REC	1	11-May-2024 03:28

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

**ALS Houston, US**

Date: 14-May-24

Client: GHD  
 Project: 12604523 - Darr Angell No.2  
 Sample ID: D2-MW-12-05082024  
 Collection Date: 08-May-2024 12:20

**ANALYTICAL REPORT**

WorkOrder:HS24050543  
 Lab ID:HS24050543-08  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
<b>Benzene</b>	<b>0.018</b>		<b>0.0010</b>	<b>mg/L</b>	1	11-May-2024 03:50
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-May-2024 03:50
Toluene	< 0.0010		0.0010	mg/L	1	11-May-2024 03:50
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-May-2024 03:50
Surr: 1,2-Dichloroethane-d4	110		70-126	%REC	1	11-May-2024 03:50
Surr: 4-Bromofluorobenzene	109		77-113	%REC	1	11-May-2024 03:50
Surr: Dibromofluoromethane	96.3		77-123	%REC	1	11-May-2024 03:50
Surr: Toluene-d8	101		82-127	%REC	1	11-May-2024 03:50

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

**ALS Houston, US**

Date: 14-May-24

Client: GHD  
 Project: 12604523 - Darr Angell No.2  
 Sample ID: D2-MW-13-05082024  
 Collection Date: 08-May-2024 12:50

**ANALYTICAL REPORT**

WorkOrder:HS24050543  
 Lab ID:HS24050543-09  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	11-May-2024 04:12
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-May-2024 04:12
Toluene	< 0.0010		0.0010	mg/L	1	11-May-2024 04:12
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-May-2024 04:12
Surr: 1,2-Dichloroethane-d4	114		70-126	%REC	1	11-May-2024 04:12
Surr: 4-Bromofluorobenzene	104		77-113	%REC	1	11-May-2024 04:12
Surr: Dibromofluoromethane	101		77-123	%REC	1	11-May-2024 04:12
Surr: Toluene-d8	101		82-127	%REC	1	11-May-2024 04:12

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

**ALS Houston, US**

Date: 14-May-24

Client: GHD  
 Project: 12604523 - Darr Angell No.2  
 Sample ID: D2-DUP1-05082024  
 Collection Date: 08-May-2024 00:00

**ANALYTICAL REPORT**

WorkOrder:HS24050543  
 Lab ID:HS24050543-10  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	11-May-2024 04:34
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-May-2024 04:34
Toluene	< 0.0010		0.0010	mg/L	1	11-May-2024 04:34
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-May-2024 04:34
Surr: 1,2-Dichloroethane-d4	110		70-126	%REC	1	11-May-2024 04:34
Surr: 4-Bromofluorobenzene	110		77-113	%REC	1	11-May-2024 04:34
Surr: Dibromofluoromethane	98.5		77-123	%REC	1	11-May-2024 04:34
Surr: Toluene-d8	99.5		82-127	%REC	1	11-May-2024 04:34

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

ALS Houston, US

Date: 14-May-24

**Client:** GHD  
**Project:** 12604523 - Darr Angell No.2  
**WorkOrder:** HS24050543

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
<b>Batch ID:</b> R466509 ( 0 )		<b>Test Name :</b> LOW LEVEL VOLATILES BY SW8260C			<b>Matrix:</b> Groundwater	
HS24050543-01	D2-MW-3R-05082024	08 May 2024 10:55			10 May 2024 17:08	1
HS24050543-02	D2-MW-4R-05082024	08 May 2024 11:45			10 May 2024 17:30	1
HS24050543-03	D2-MW-6R-05082024	08 May 2024 12:20			10 May 2024 17:53	1
HS24050543-04	D2-MW-7R-05082024	08 May 2024 12:45			10 May 2024 18:15	1
<b>Batch ID:</b> R466512 ( 0 )		<b>Test Name :</b> LOW LEVEL VOLATILES BY SW8260C			<b>Matrix:</b> Groundwater	
HS24050543-05	D2-MW-8R-05082024	08 May 2024 10:50			11 May 2024 02:44	1
HS24050543-06	D2-MW-9R-05082024	08 May 2024 11:30			11 May 2024 03:06	1
HS24050543-07	D2-MW-10R-05082024	08 May 2024 11:55			11 May 2024 03:28	1
HS24050543-08	D2-MW-12-05082024	08 May 2024 12:20			11 May 2024 03:50	1
HS24050543-09	D2-MW-13-05082024	08 May 2024 12:50			11 May 2024 04:12	1
HS24050543-10	D2-DUP1-05082024	08 May 2024 00:00			11 May 2024 04:34	1

ALS Houston, US

Date: 14-May-24

**Client:** GHD  
**Project:** 12604523 - Darr Angell No.2  
**WorkOrder:** HS24050543

**QC BATCH REPORT**

**Batch ID:** R466509 ( 0 )      **Instrument:** VOA11      **Method:** LOW LEVEL VOLATILES BY SW8260C

<b>MBLK</b>		Sample ID: <b>VBLKW-240510</b>		Units: <b>ug/L</b>		Analysis Date: <b>10-May-2024 10:52</b>			
Client ID:		Run ID: <b>VOA11_466509</b>		SeqNo: <b>8004910</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	< 1.0	1.0							
Ethylbenzene	< 1.0	1.0							
Toluene	< 1.0	1.0							
Xylenes, Total	< 3.0	3.0							
Surr: 1,2-Dichloroethane-d4	51.99	1.0	50	0	104	70 - 123			
Surr: 4-Bromofluorobenzene	51.55	1.0	50	0	103	77 - 113			
Surr: Dibromofluoromethane	47.05	1.0	50	0	94.1	73 - 126			
Surr: Toluene-d8	48.71	1.0	50	0	97.4	81 - 120			

<b>LCS</b>		Sample ID: <b>VLCSW-240510</b>		Units: <b>ug/L</b>		Analysis Date: <b>10-May-2024 09:46</b>			
Client ID:		Run ID: <b>VOA11_466509</b>		SeqNo: <b>8004908</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	18.01	1.0	20	0	90.1	74 - 120			
Ethylbenzene	20.97	1.0	20	0	105	77 - 117			
Toluene	18.7	1.0	20	0	93.5	77 - 118			
Xylenes, Total	64.37	3.0	60	0	107	75 - 122			
Surr: 1,2-Dichloroethane-d4	49.55	1.0	50	0	99.1	70 - 123			
Surr: 4-Bromofluorobenzene	51.14	1.0	50	0	102	77 - 113			
Surr: Dibromofluoromethane	47.25	1.0	50	0	94.5	73 - 126			
Surr: Toluene-d8	50.15	1.0	50	0	100	81 - 120			

<b>LCSD</b>		Sample ID: <b>VLCSDW-240510</b>		Units: <b>ug/L</b>		Analysis Date: <b>10-May-2024 10:08</b>			
Client ID:		Run ID: <b>VOA11_466509</b>		SeqNo: <b>8004909</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	16.82	1.0	20	0	84.1	74 - 120	18.01	6.81	20
Ethylbenzene	20	1.0	20	0	100	77 - 117	20.97	4.73	20
Toluene	17.88	1.0	20	0	89.4	77 - 118	18.7	4.47	20
Xylenes, Total	61.93	3.0	60	0	103	75 - 122	64.37	3.86	20
Surr: 1,2-Dichloroethane-d4	49.14	1.0	50	0	98.3	70 - 123	49.55	0.834	20
Surr: 4-Bromofluorobenzene	51.56	1.0	50	0	103	77 - 113	51.14	0.829	20
Surr: Dibromofluoromethane	46.74	1.0	50	0	93.5	73 - 126	47.25	1.09	20
Surr: Toluene-d8	49.72	1.0	50	0	99.4	81 - 120	50.15	0.85	20



ALS Houston, US

Date: 14-May-24

**Client:** GHD  
**Project:** 12604523 - Darr Angell No.2  
**WorkOrder:** HS24050543

**QC BATCH REPORT**

**Batch ID:** R466509 ( 0 )      **Instrument:** VOA11      **Method:** LOW LEVEL VOLATILES BY SW8260C

<b>MS</b>		Sample ID: <b>HS24050366-02MS</b>		Units: <b>ug/L</b>		Analysis Date: <b>10-May-2024 18:37</b>				
Client ID:		Run ID: <b>VOA11_466509</b>		SeqNo: <b>8004931</b>		PrepDate:		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	16.81	1.0	20	0	84.0	70 - 127				
Ethylbenzene	20.1	1.0	20	0	101	70 - 124				
Toluene	17.65	1.0	20	0.4562	86.0	70 - 123				
Xylenes, Total	60.84	3.0	60	0	101	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>49.06</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>98.1</i>	<i>70 - 126</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>53.01</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>106</i>	<i>77 - 113</i>				
<i>Surr: Dibromofluoromethane</i>	<i>45.17</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>90.3</i>	<i>77 - 123</i>				
<i>Surr: Toluene-d8</i>	<i>48.49</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>97.0</i>	<i>82 - 127</i>				

<b>MSD</b>		Sample ID: <b>HS24050366-02MSD</b>		Units: <b>ug/L</b>		Analysis Date: <b>10-May-2024 18:59</b>				
Client ID:		Run ID: <b>VOA11_466509</b>		SeqNo: <b>8004932</b>		PrepDate:		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	16.43	1.0	20	0	82.2	70 - 127	16.81	2.27	20	
Ethylbenzene	18.83	1.0	20	0	94.2	70 - 124	20.1	6.53	20	
Toluene	17.42	1.0	20	0.4562	84.8	70 - 123	17.65	1.3	20	
Xylenes, Total	58.97	3.0	60	0	98.3	70 - 130	60.84	3.12	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>49.16</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>98.3</i>	<i>70 - 126</i>	<i>49.06</i>	<i>0.215</i>	<i>20</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>49.72</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>99.4</i>	<i>77 - 113</i>	<i>53.01</i>	<i>6.4</i>	<i>20</i>	
<i>Surr: Dibromofluoromethane</i>	<i>45.38</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>90.8</i>	<i>77 - 123</i>	<i>45.17</i>	<i>0.461</i>	<i>20</i>	
<i>Surr: Toluene-d8</i>	<i>46.99</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>94.0</i>	<i>82 - 127</i>	<i>48.49</i>	<i>3.14</i>	<i>20</i>	

The following samples were analyzed in this batch: HS24050543-01    HS24050543-02    HS24050543-03    HS24050543-04

ALS Houston, US

Date: 14-May-24

**Client:** GHD  
**Project:** 12604523 - Darr Angell No.2  
**WorkOrder:** HS24050543

**QC BATCH REPORT**

**Batch ID:** R466512 ( 0 )      **Instrument:** VOA11      **Method:** LOW LEVEL VOLATILES BY SW8260C

<b>MBLK</b>		Sample ID: <b>VBLKW-240510</b>		Units: <b>ug/L</b>		Analysis Date: <b>10-May-2024 21:34</b>			
Client ID:		Run ID: <b>VOA11_466512</b>		SeqNo: <b>8004971</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	< 1.0	1.0							
Ethylbenzene	< 1.0	1.0							
Toluene	< 1.0	1.0							
Xylenes, Total	< 3.0	3.0							
Surr: 1,2-Dichloroethane-d4	53.83	1.0	50	0	108	70 - 123			
Surr: 4-Bromofluorobenzene	51.13	1.0	50	0	102	77 - 113			
Surr: Dibromofluoromethane	48.97	1.0	50	0	97.9	73 - 126			
Surr: Toluene-d8	51.01	1.0	50	0	102	81 - 120			

<b>LCS</b>		Sample ID: <b>VLCSW-240510</b>		Units: <b>ug/L</b>		Analysis Date: <b>10-May-2024 20:27</b>			
Client ID:		Run ID: <b>VOA11_466512</b>		SeqNo: <b>8004969</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	17.98	1.0	20	0	89.9	74 - 120			
Ethylbenzene	21.34	1.0	20	0	107	77 - 117			
Toluene	19.13	1.0	20	0	95.7	77 - 118			
Xylenes, Total	66.11	3.0	60	0	110	75 - 122			
Surr: 1,2-Dichloroethane-d4	50.46	1.0	50	0	101	70 - 123			
Surr: 4-Bromofluorobenzene	52.81	1.0	50	0	106	77 - 113			
Surr: Dibromofluoromethane	47.87	1.0	50	0	95.7	73 - 126			
Surr: Toluene-d8	49.36	1.0	50	0	98.7	81 - 120			

<b>LCS D</b>		Sample ID: <b>VLCS DW-240510</b>		Units: <b>ug/L</b>		Analysis Date: <b>10-May-2024 20:49</b>			
Client ID:		Run ID: <b>VOA11_466512</b>		SeqNo: <b>8004970</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	17.15	1.0	20	0	85.8	74 - 120	17.98	4.72	20
Ethylbenzene	19.61	1.0	20	0	98.0	77 - 117	21.34	8.47	20
Toluene	17.95	1.0	20	0	89.7	77 - 118	19.13	6.38	20
Xylenes, Total	62.59	3.0	60	0	104	75 - 122	66.11	5.47	20
Surr: 1,2-Dichloroethane-d4	48.75	1.0	50	0	97.5	70 - 123	50.46	3.43	20
Surr: 4-Bromofluorobenzene	50.61	1.0	50	0	101	77 - 113	52.81	4.24	20
Surr: Dibromofluoromethane	45.5	1.0	50	0	91.0	73 - 126	47.87	5.07	20
Surr: Toluene-d8	48.35	1.0	50	0	96.7	81 - 120	49.36	2.08	20

ALS Houston, US

Date: 14-May-24

**Client:** GHD  
**Project:** 12604523 - Darr Angell No.2  
**WorkOrder:** HS24050543

**QC BATCH REPORT**

**Batch ID:** R466512 ( 0 )      **Instrument:** VOA11      **Method:** LOW LEVEL VOLATILES BY SW8260C

MS		Sample ID: HS24050471-01MS			Units: ug/L		Analysis Date: 11-May-2024 05:19			
Client ID:		Run ID: VOA11_466512			SeqNo: 8004992		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	15.92	1.0	20	0	79.6	70 - 127				
Ethylbenzene	18.41	1.0	20	0	92.1	70 - 124				
Toluene	16.86	1.0	20	0	84.3	70 - 123				
Xylenes, Total	56.46	3.0	60	0	94.1	70 - 130				
Surr: 1,2-Dichloroethane-d4	53.19	1.0	50	0	106	70 - 126				
Surr: 4-Bromofluorobenzene	54.24	1.0	50	0	108	77 - 113				
Surr: Dibromofluoromethane	48.52	1.0	50	0	97.0	77 - 123				
Surr: Toluene-d8	51.05	1.0	50	0	102	82 - 127				

MSD		Sample ID: HS24050471-01MSD			Units: ug/L		Analysis Date: 11-May-2024 05:41			
Client ID:		Run ID: VOA11_466512			SeqNo: 8004993		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	15.6	1.0	20	0	78.0	70 - 127	15.92	1.99	20	
Ethylbenzene	18.33	1.0	20	0	91.6	70 - 124	18.41	0.443	20	
Toluene	16.73	1.0	20	0	83.6	70 - 123	16.86	0.756	20	
Xylenes, Total	56.36	3.0	60	0	93.9	70 - 130	56.46	0.174	20	
Surr: 1,2-Dichloroethane-d4	51.45	1.0	50	0	103	70 - 126	53.19	3.32	20	
Surr: 4-Bromofluorobenzene	50.88	1.0	50	0	102	77 - 113	54.24	6.39	20	
Surr: Dibromofluoromethane	46.86	1.0	50	0	93.7	77 - 123	48.52	3.48	20	
Surr: Toluene-d8	49	1.0	50	0	98.0	82 - 127	51.05	4.08	20	

The following samples were analyzed in this batch:

HS24050543-05	HS24050543-06	HS24050543-07	HS24050543-08
HS24050543-09	HS24050543-10		

**ALS Houston, US**

Date: 14-May-24

**Client:** GHD  
**Project:** 12604523 - Darr Angell No.2  
**WorkOrder:** HS24050543

**QUALIFIERS,  
ACRONYMS, UNITS**

<b>Qualifier</b>	<b>Description</b>
*	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

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

<b>Unit Reported</b>	<b>Description</b>
mg/L	Milligrams per Liter

ALS Houston, US

Date: 14-May-24

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**CERTIFICATIONS,ACCREDITATIONS & LICENSES**

<b>Agency</b>	<b>Number</b>	<b>Expire Date</b>
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624 - 2024	31-Dec-2024
Oklahoma	2023-140	31-Aug-2024
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2024

ALS Houston, US

Date: 14-May-24

Sample Receipt Checklist

Work Order ID: HS24050543

Date/Time Received: 09-May-2024 10:20

Client Name: GHDHouston

Received by: Jacob Coronado

Completed By: /S/ Aytu Tuncer	09-May-2024 14:40	Reviewed by:		
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:317853
- Samplers name present on COC? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No

Temperature(s)/Thermometer(s):	1.3UC/1.4C	IR31
Cooler(s)/Kit(s):	BLUE	
Date/Time sample(s) sent to storage:	05/09/2024 1444	

- 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:



Cincinnati, OH  
+1 513 733 5336

Everett, WA  
+1 425 356 2600

Fort Collins, CO  
+1 970 490 1511

Holland, MI  
+1 616 399 6070

# Chain of Custody Form

Page 1 of 1

COC ID: 317853

Houston, TX  
+1 281 530 5656

Middletown, PA  
+1 717 944 5541

Spring City, PA  
+1 610 948 4903

Salt Lake City, UT  
+1 801 266 7700

South Charleston, WV  
+1 304 356 3168

York, PA  
+1 717 505 5280

ALS Project Manager: \_\_\_\_\_ ALS Work Order #: \_\_\_\_\_

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	SSOW-12604523-2023.1-2024-02	Project Name	12604523 - Darr Angell No.2	A	8260_LL_W(8260 BTEX)
Work Order		Project Number	12604523	B	
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C	
Send Report To	Chris Knight	Invoice Attn	Karolanne Hudgens	D	
Address	11451 Katy Fwy Suite 400	Address	c/o ENV-00, Accounts Payable P.O. Box 4648	E	
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	Houston TX 77210-4648	G	
Phone	(713) 734-3090	Phone	(713) 646-4610	H	
Fax	(713) 734-3391	Fax	(713) 646-4199	I	
e-Mail Address	Christopher.Knight@ghd.com	e-Mail Address	Karolanne.hudgens@plains.com	J	

**HS24050543**

GHD  
12604523 - Darr Angell No.2



No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	D2-MW-3R-05082024	050824	10:55	GW	Ice	3	✓										
2	D2-MW-4R-05082024	050824	11:45	GW	Ice	3	✓										
3	D2-MW-6R-05082024	050824	12:20	GW	Ice	3	✓										
4	D2-MW-7R-05082024	050824	12:45	GW	Ice	3	✓										
5	D2-MW-8R-05082024	050824	10:50	GW	Ice	3	✓										
6	D2-MW-9R-05082024	050824	11:30	GW	Ice	3	✓										
7	D2-MW-10R-05082024	050824	11:55	GW	Ice	3	✓										
8	D2-MW-12-05082024	050824	12:30	GW	Ice	3	✓										
9	D2-MW-13-05082024	050824	12:50	GW	Ice	3	✓										
10	D2-DUP1-05082024	050824	-	GW	Ice	3	✓										

Sampler(s) Please Print & Sign: Jairo T. Bryce M. Shipment Method: \_\_\_\_\_ Required Turnaround Time: (Check Box)  10 Wk Days  5 Wk Days  2 Wk Days  24 Hour Results Due Date: \_\_\_\_\_

Relinquished by: Jairo T. Date: 5-8-24 Time: 1630 Received by: \_\_\_\_\_ Notes: 12604523 - Darr Angell No.2  
 Relinquished by: \_\_\_\_\_ Date: 5/9/24 Time: 1020 Received by (Laboratory): \_\_\_\_\_ Cooler ID: Blue Cooler Temp.: 1.3 QC Package: (Check One Box Below)  Level II Std OK  Level III Std OK/No Date  Level IV SPAN/SLIP  Other \_\_\_\_\_

Preservative Key: 1-HCl 2-HNO<sub>3</sub> 3-H<sub>2</sub>SO<sub>4</sub> 4-NaOH 5-Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> 6-NaHSO<sub>4</sub> 7-Other 8-4°C 9-5035

- Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.  
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.  
 3. The Chain of Custody is a legal document. All information must be completed accurately.

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**ALS**  
 10450 Stancliff Rd., Suite 210  
 Houston, Texas 77099  
 Tel. +1 281 530 5656  
 Fax. +1 281 530 5887

**POSTAL SEAL**  
 Date: 5-8-20 Time: 1630  
 Name: Jarrat  
 Company: GHS  
 Seal Broken By: AT  
 Date: 5/17/24



ORIGIN ID:SGRA (505) 546-2198  
 SIMON KOZIK  
 GHD  
 1608 NORTH 26TH ST ARTESIA

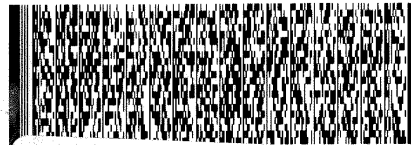
SHIP DATE: 26APR24  
 ACTWGT: 1.00 LB PAN  
 CAD: 0221247/CAFE3755  
 DIMS: 19x16x13 IN

ARTESIA, NM 88210  
 UNITED STATES US

TO **SAMPLE RECEIVING**  
**ALS GROUP USA, CORP**  
**10450 STANCLIFF ROAD**  
**SUITE 210**  
**HOUSTON TX 77099**

(281) 530-5656  
 REF: 12604537 - LOVINGTON - BO 100501 - 509 - LA

RMA: ||| |||||



**FedEx**  
 TRK# 0221 6862 6804 8682

**THU - 09 MAY 10:30A**  
**PRIORITY OVERNIGHT**

**AB SGRA**

**77099**  
 TX-US IA



\*S020860 05/08 583J3/C137/9HE3





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

June 28, 2024

Chris Knight  
GHD  
11451 Katy Fwy  
Suite 400  
Houston, TX 77079

Work Order: **HS24061074**

Laboratory Results for: **Darr Angell No.2**

Dear Chris Knight,

ALS Environmental received 2 sample(s) on Jun 18, 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,

A handwritten signature in black ink, appearing to read 'Luis Aguilar'.

Generated By: DAYNA.FISHER  
Luis.Aguilar

**ALS Houston, US**

Date: 28-Jun-24

**Client:** GHD  
**Project:** Darr Angell No.2  
**Work Order:** HS24061074

**SAMPLE SUMMARY**

---

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24061074-01	MW-12-061724	Groundwater		17-Jun-2024 11:00	18-Jun-2024 09:30	<input type="checkbox"/>
HS24061074-02	CG-040124-332	Water		17-Jun-2024 00:00	18-Jun-2024 09:30	<input type="checkbox"/>

**ALS Houston, US**

Date: 28-Jun-24

---

**Client:** GHD  
**Project:** Darr Angell No.2  
**Work Order:** HS24061074

---

**CASE NARRATIVE**

**Work Order Comments**

- Login Comments: Trip Blank not Listed on COC, Placed On Hold.
- 

**GCMS Volatiles by Method SW8260**

**Batch ID: R470603**

**Sample ID: HS24061055-12MSD**

- MSD is for an unrelated sample

**Batch ID: R469956,R469956**

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

**ALS Houston, US**

Date: 28-Jun-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: MW-12-061724  
 Collection Date: 17-Jun-2024 11:00

**ANALYTICAL REPORT**

WorkOrder:HS24061074  
 Lab ID:HS24061074-01  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
<b>Benzene</b>	<b>0.048</b>		<b>0.0010</b>	<b>mg/L</b>	1	20-Jun-2024 02:08
Ethylbenzene	< 0.0010		0.0010	mg/L	1	20-Jun-2024 02:08
Toluene	< 0.0010		0.0010	mg/L	1	20-Jun-2024 02:08
Xylenes, Total	< 0.0030		0.0030	mg/L	1	20-Jun-2024 02:08
Surr: 1,2-Dichloroethane-d4	78.6		70-126	%REC	1	20-Jun-2024 02:08
Surr: 4-Bromofluorobenzene	93.4		77-113	%REC	1	20-Jun-2024 02:08
Surr: Dibromofluoromethane	89.7		77-123	%REC	1	20-Jun-2024 02:08
Surr: Toluene-d8	99.3		82-127	%REC	1	20-Jun-2024 02:08

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

**ALS Houston, US**

Date: 28-Jun-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: CG-040124-332  
 Collection Date: 17-Jun-2024 00:00

**ANALYTICAL REPORT**

WorkOrder:HS24061074  
 Lab ID:HS24061074-02  
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: FT
Benzene	< 0.0010		0.0010	mg/L	1	27-Jun-2024 13:39
Ethylbenzene	< 0.0010		0.0010	mg/L	1	27-Jun-2024 13:39
Toluene	< 0.0010		0.0010	mg/L	1	27-Jun-2024 13:39
Xylenes, Total	< 0.0030		0.0030	mg/L	1	27-Jun-2024 13:39
Surr: 1,2-Dichloroethane-d4	95.3		70-126	%REC	1	27-Jun-2024 13:39
Surr: 4-Bromofluorobenzene	93.4		77-113	%REC	1	27-Jun-2024 13:39
Surr: Dibromofluoromethane	94.0		77-123	%REC	1	27-Jun-2024 13:39
Surr: Toluene-d8	99.7		82-127	%REC	1	27-Jun-2024 13:39

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

ALS Houston, US

Date: 28-Jun-24

**Client:** GHD  
**Project:** Darr Angell No.2  
**WorkOrder:** HS24061074

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
<b>Batch ID:</b> R469956 ( 0 )		<b>Test Name :</b> LOW LEVEL VOLATILES BY SW8260C			<b>Matrix:</b> Groundwater	
HS24061074-01	MW-12-061724	17 Jun 2024 11:00			20 Jun 2024 02:08	1
<b>Batch ID:</b> R470603 ( 0 )		<b>Test Name :</b> LOW LEVEL VOLATILES BY SW8260C			<b>Matrix:</b> Water	
HS24061074-02	CG-040124-332	17 Jun 2024 00:00			27 Jun 2024 13:39	1

ALS Houston, US

Date: 28-Jun-24

**Client:** GHD  
**Project:** Darr Angell No.2  
**WorkOrder:** HS24061074

**QC BATCH REPORT**

**Batch ID:** R469956 ( 0 )      **Instrument:** VOA11      **Method:** LOW LEVEL VOLATILES BY SW8260C

<b>MBLK</b>		Sample ID: <b>VBLKW-240619</b>		Units: <b>ug/L</b>		Analysis Date: <b>19-Jun-2024 21:42</b>			
Client ID:		Run ID: <b>VOA11_469956</b>		SeqNo: <b>8087844</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	< 1.0	1.0							
Ethylbenzene	< 1.0	1.0							
Toluene	< 1.0	1.0							
Xylenes, Total	< 3.0	3.0							
Surr: 1,2-Dichloroethane-d4	38.42	1.0	50	0	76.8	70 - 123			
Surr: 4-Bromofluorobenzene	45.87	1.0	50	0	91.7	77 - 113			
Surr: Dibromofluoromethane	43.01	1.0	50	0	86.0	73 - 126			
Surr: Toluene-d8	49.11	1.0	50	0	98.2	81 - 120			

<b>LCS</b>		Sample ID: <b>VLCSW-240619</b>		Units: <b>ug/L</b>		Analysis Date: <b>19-Jun-2024 20:36</b>			
Client ID:		Run ID: <b>VOA11_469956</b>		SeqNo: <b>8087842</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	18.48	1.0	20	0	92.4	74 - 120			
Ethylbenzene	20.3	1.0	20	0	102	77 - 117			
Toluene	18.82	1.0	20	0	94.1	77 - 118			
Xylenes, Total	60.64	3.0	60	0	101	75 - 122			
Surr: 1,2-Dichloroethane-d4	37.89	1.0	50	0	75.8	70 - 123			
Surr: 4-Bromofluorobenzene	45.6	1.0	50	0	91.2	77 - 113			
Surr: Dibromofluoromethane	44.16	1.0	50	0	88.3	73 - 126			
Surr: Toluene-d8	50.16	1.0	50	0	100	81 - 120			

<b>LCS D</b>		Sample ID: <b>VLCS DW-240619</b>		Units: <b>ug/L</b>		Analysis Date: <b>19-Jun-2024 20:58</b>			
Client ID:		Run ID: <b>VOA11_469956</b>		SeqNo: <b>8087843</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	18.2	1.0	20	0	91.0	74 - 120	18.48	1.53	20
Ethylbenzene	19.82	1.0	20	0	99.1	77 - 117	20.3	2.38	20
Toluene	18.19	1.0	20	0	91.0	77 - 118	18.82	3.36	20
Xylenes, Total	59.47	3.0	60	0	99.1	75 - 122	60.64	1.94	20
Surr: 1,2-Dichloroethane-d4	37.56	1.0	50	0	75.1	70 - 123	37.89	0.873	20
Surr: 4-Bromofluorobenzene	47.19	1.0	50	0	94.4	77 - 113	45.6	3.43	20
Surr: Dibromofluoromethane	44.09	1.0	50	0	88.2	73 - 126	44.16	0.164	20
Surr: Toluene-d8	49.46	1.0	50	0	98.9	81 - 120	50.16	1.41	20

ALS Houston, US

Date: 28-Jun-24

**Client:** GHD  
**Project:** Darr Angell No.2  
**WorkOrder:** HS24061074

**QC BATCH REPORT**

**Batch ID:** R469956 ( 0 )      **Instrument:** VOA11      **Method:** LOW LEVEL VOLATILES BY SW8260C

<b>MS</b>		Sample ID: <b>HS24061049-01MS</b>		Units: <b>ug/L</b>		Analysis Date: <b>20-Jun-2024 05:35</b>				
Client ID:		Run ID: <b>VOA11_469956</b>		SeqNo: <b>8087854</b>		PrepDate:		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.97	1.0	20	0	94.8	70 - 127				
Ethylbenzene	20	1.0	20	0	100	70 - 124				
Toluene	18.56	1.0	20	0	92.8	70 - 123				
Xylenes, Total	59.96	3.0	60	0	99.9	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>38.62</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>77.2</i>	<i>70 - 126</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>45.31</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>90.6</i>	<i>77 - 113</i>				
<i>Surr: Dibromofluoromethane</i>	<i>45.13</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>90.3</i>	<i>77 - 123</i>				
<i>Surr: Toluene-d8</i>	<i>48.04</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>96.1</i>	<i>82 - 127</i>				

<b>MSD</b>		Sample ID: <b>HS24061049-01MSD</b>		Units: <b>ug/L</b>		Analysis Date: <b>20-Jun-2024 05:57</b>				
Client ID:		Run ID: <b>VOA11_469956</b>		SeqNo: <b>8087855</b>		PrepDate:		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	17.67	1.0	20	0	88.3	70 - 127	18.97	7.09	20	
Ethylbenzene	19.44	1.0	20	0	97.2	70 - 124	20	2.86	20	
Toluene	17.64	1.0	20	0	88.2	70 - 123	18.56	5.06	20	
Xylenes, Total	56.89	3.0	60	0	94.8	70 - 130	59.96	5.27	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>37.82</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>75.6</i>	<i>70 - 126</i>	<i>38.62</i>	<i>2.08</i>	<i>20</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>46.89</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>93.8</i>	<i>77 - 113</i>	<i>45.31</i>	<i>3.43</i>	<i>20</i>	
<i>Surr: Dibromofluoromethane</i>	<i>44.58</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>89.2</i>	<i>77 - 123</i>	<i>45.13</i>	<i>1.23</i>	<i>20</i>	
<i>Surr: Toluene-d8</i>	<i>49.2</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>98.4</i>	<i>82 - 127</i>	<i>48.04</i>	<i>2.39</i>	<i>20</i>	

The following samples were analyzed in this batch: HS24061074-01



ALS Houston, US

Date: 28-Jun-24

**Client:** GHD  
**Project:** Darr Angell No.2  
**WorkOrder:** HS24061074

**QC BATCH REPORT**

**Batch ID:** R470603 ( 0 )      **Instrument:** VOA7      **Method:** LOW LEVEL VOLATILES BY SW8260C

<b>MBLK</b>		Sample ID: <b>VBLKW-240627</b>		Units: <b>ug/L</b>		Analysis Date: <b>27-Jun-2024 10:36</b>			
Client ID:		Run ID: <b>VOA7_470603</b>		SeqNo: <b>8102881</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	< 1.0	1.0							
Ethylbenzene	< 1.0	1.0							
Toluene	< 1.0	1.0							
Xylenes, Total	< 3.0	3.0							
Surr: 1,2-Dichloroethane-d4	46.93	1.0	50	0	93.9	70 - 123			
Surr: 4-Bromofluorobenzene	47.5	1.0	50	0	95.0	77 - 113			
Surr: Dibromofluoromethane	46.17	1.0	50	0	92.3	73 - 126			
Surr: Toluene-d8	48.86	1.0	50	0	97.7	81 - 120			

<b>LCS</b>		Sample ID: <b>VLCSW-240627</b>		Units: <b>ug/L</b>		Analysis Date: <b>27-Jun-2024 09:27</b>			
Client ID:		Run ID: <b>VOA7_470603</b>		SeqNo: <b>8102879</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	18.81	1.0	20	0	94.0	74 - 120			
Ethylbenzene	19.41	1.0	20	0	97.0	77 - 117			
Toluene	19.23	1.0	20	0	96.1	77 - 118			
Xylenes, Total	57.08	3.0	60	0	95.1	75 - 122			
Surr: 1,2-Dichloroethane-d4	50.61	1.0	50	0	101	70 - 123			
Surr: 4-Bromofluorobenzene	49.94	1.0	50	0	99.9	77 - 113			
Surr: Dibromofluoromethane	49.82	1.0	50	0	99.6	73 - 126			
Surr: Toluene-d8	52.85	1.0	50	0	106	81 - 120			

<b>LCSD</b>		Sample ID: <b>VLCSDW-240627</b>		Units: <b>ug/L</b>		Analysis Date: <b>27-Jun-2024 09:50</b>			
Client ID:		Run ID: <b>VOA7_470603</b>		SeqNo: <b>8102880</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	18.48	1.0	20	0	92.4	74 - 120	18.81	1.78	20
Ethylbenzene	18.46	1.0	20	0	92.3	77 - 117	19.41	4.99	20
Toluene	18.72	1.0	20	0	93.6	77 - 118	19.23	2.65	20
Xylenes, Total	55.72	3.0	60	0	92.9	75 - 122	57.08	2.42	20
Surr: 1,2-Dichloroethane-d4	49.41	1.0	50	0	98.8	70 - 123	50.61	2.4	20
Surr: 4-Bromofluorobenzene	48.17	1.0	50	0	96.3	77 - 113	49.94	3.61	20
Surr: Dibromofluoromethane	47.11	1.0	50	0	94.2	73 - 126	49.82	5.6	20
Surr: Toluene-d8	50.5	1.0	50	0	101	81 - 120	52.85	4.54	20

ALS Houston, US

Date: 28-Jun-24

**Client:** GHD  
**Project:** Darr Angell No.2  
**WorkOrder:** HS24061074

**QC BATCH REPORT**

**Batch ID:** R470603 ( 0 )      **Instrument:** VOA7      **Method:** LOW LEVEL VOLATILES BY SW8260C

<b>MS</b>		Sample ID: <b>HS24061055-12MS</b>		Units: <b>ug/L</b>		Analysis Date: <b>27-Jun-2024 11:44</b>				
Client ID:		Run ID: <b>VOA7_470603</b>		SeqNo: <b>8102884</b>		PrepDate:		DF: <b>25</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	378.4	25	500	0	75.7	70 - 127				
Ethylbenzene	371.1	25	500	0	74.2	70 - 124				
Toluene	375.9	25	500	0	75.2	70 - 123				
Xylenes, Total	1059	75	1500	0	70.6	70 - 130				
Surr: 1,2-Dichloroethane-d4	1183	25	1250	0	94.6	70 - 126				
Surr: 4-Bromofluorobenzene	1208	25	1250	0	96.6	77 - 113				
Surr: Dibromofluoromethane	1155	25	1250	0	92.4	77 - 123				
Surr: Toluene-d8	1260	25	1250	0	101	82 - 127				

<b>MSD</b>		Sample ID: <b>HS24061055-12MSD</b>		Units: <b>ug/L</b>		Analysis Date: <b>27-Jun-2024 12:07</b>				
Client ID:		Run ID: <b>VOA7_470603</b>		SeqNo: <b>8102885</b>		PrepDate:		DF: <b>25</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	500.6	25	500	0	100	70 - 127	378.4	27.8	20	R
Ethylbenzene	491.9	25	500	0	98.4	70 - 124	371.1	28	20	R
Toluene	510.6	25	500	0	102	70 - 123	375.9	30.4	20	R
Xylenes, Total	1470	75	1500	0	98.0	70 - 130	1059	32.5	20	R
Surr: 1,2-Dichloroethane-d4	1203	25	1250	0	96.2	70 - 126	1183	1.7	20	
Surr: 4-Bromofluorobenzene	1186	25	1250	0	94.9	77 - 113	1208	1.82	20	
Surr: Dibromofluoromethane	1144	25	1250	0	91.5	77 - 123	1155	0.921	20	
Surr: Toluene-d8	1265	25	1250	0	101	82 - 127	1260	0.34	20	

The following samples were analyzed in this batch: HS24061074-02

**ALS Houston, US**

Date: 28-Jun-24

**Client:** GHD  
**Project:** Darr Angell No.2  
**WorkOrder:** HS24061074

**QUALIFIERS,  
ACRONYMS, UNITS**

<b>Qualifier</b>	<b>Description</b>
*	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

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

<b>Unit Reported</b>	<b>Description</b>
mg/L	Milligrams per Liter

ALS Houston, US

Date: 28-Jun-24

**CERTIFICATIONS,ACCREDITATIONS & LICENSES**

<b>Agency</b>	<b>Number</b>	<b>Expire Date</b>
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Maryland	343; 2023-2024	30-Jun-2024
Michigan	9971	30-Apr-2025
North Carolina	624 - 2024	31-Dec-2024
Oklahoma	2023-140	31-Aug-2024
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2024

ALS Houston, US

Date: 28-Jun-24

Sample Receipt Checklist

Work Order ID: HS24061074

Date/Time Received: 18-Jun-2024 09:30

Client Name: GHDHouston

Received by: Si Ma

Completed By: /S/ Rajen Giga	18-Jun-2024 13:46	Reviewed by: /S/ Luis.Aguilar	19-Jun-2024 11:42
eSignature	Date/Time	eSignature	Date/Time

Matrices: **GW**

Carrier name: **FedEx Priority Overnight**

- 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:317852
- 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):	2.6uc/2.7c	IR #31
Cooler(s)/Kit(s):	Red	
Date/Time sample(s) sent to storage:	06/18/2024 13:55	
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:		

Login Notes: **Login Comments: Trip Blank not Listed on COC, Placed On Hold.**

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:



Cincinnati, OH  
+1 513 733 5336

Fort Collins, CO  
+1 970 490 1511

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### Chain of Custody Form

Houston, TX  
+1 281 530 5656

Spring City, PA  
+1 610 948 4903

South Charleston, WV  
+1 304 356 3168

Middletown, PA  
+1 717 944 5541

Salt Lake City, UT  
+1 801 266 7700

York, PA  
+1 717 305 5280

Page 1 of 1

COC ID: 317852

<b>Customer Information</b>		<b>Project Information</b>		<b>ALS Project Manager:</b>		<b>ALS Work Order #:</b>	
Purchase Order	XXXXXXXXXXXXXXXXXXXX	Project Name	13875 - Darr Angell No. 2	A	00000000000000000000		
Work Order		Project Number	13875 - SRS#1999-62	B			
Company Name	Plains All Am.	Bill To Company	Plains All American Petroleum Corp	C			
Send Report To	Chris Knight	Invoice Attn	XXXXXXXXXXXXXXXXXXXX	D	<b>HS24061074</b>		
Address	11451 Katy Hwy Suite 402	Address	PO Box 4848	E			
City/State/Zip	Houston, TX 77057	City/State/Zip	Houston, TX 77057	F			
Phone	713 734 4990	Phone	713 660 4010	G			
Fax	713 734 4331	Fax	713 660 4130	H			
e-Mail Address	XXXXXXXXXXXXXXXXXXXX@plains.com	e-Mail Address	XXXXXXXXXXXXXXXXXXXX@plains.com	I			
				J	Direct Bill to Plains		

Co.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-12-061724	06/17/24	11:00	GW	ICE	3	✓										
2	Trip Blank	6/17/24		GW	ICE	2	✓										
3																	
4																	
5																	
6																	
7																	
8																	
9																	
0																	

**REVISED**

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)			Results Due Date:			
Jairo Flores - Bryce Martinez				<input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours						
Relinquished by:		Date:	Time:	Received by:		Notes:				
		6-17-24	11:00	GMM 06/18/24 09:30		00000000000000000000				
Relinquished by (Laboratory):		Date:	Time:	Received by (Laboratory):		Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)		
						Red	2.6	<input type="checkbox"/> Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> Ambient		
Reservative Key:		1-HCl 2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH 5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other 8-4°C 9-5035								

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.  
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.  
 3. The Chain of Custody is a legal document. All information must be completed accurately.



Cincinnati, OH  
+1 513 733 5336  
Everett, WA  
+1 425 356 2600

Fort Collins, CO  
+1 970 490 1511  
Holland, MI  
+1 616 399 6070

# Chain of Custody Form

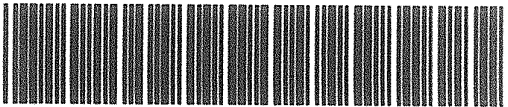
Houston, TX  
+1 281 530 5656  
Middletown, PA  
+1 717 944 5541

Spring City, PA  
+1 610 948 4903  
Salt Lake City, UT  
+1 801 266 7700

South Charleston, WV  
+1 304 356 3168  
York, PA  
+1 717 505 5280

Page 1 of 1

COC ID: 317852


Customer Information		Project Information		ALS Project Manager:		ALS Work Order #:	
Purchase Order	SSOW-12604523-2023.1-2024-02	Project Name	12604523 - Darr Angell No.2	A	8260_LL_W (8260 BTEX)		
Work Order		Project Number	12604523	B			
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C			
Send Report To	Chris Knight	Invoice Attn	Karolanne Hudgens	D	<p style="text-align: center;"><b>HS24061074</b></p> <p style="text-align: center;">GHD</p> <p style="text-align: center;">12604523 - Darr Angell No.2</p> 		
Address	11451 Katy Fwy	Address	c/o ENV-00. Accounts Payable	E			
	Suite 400		P.O. Box 4648	F			
City/State/Zip	Houston, TX 77079	City/State/Zip	Houston TX 77210-4648	G			
Phone	(713) 734-3090	Phone	(713) 646-4610	H			
Fax	(713) 734-3391	Fax	(713) 646-4199	I			
e-Mail Address	Christopher.Knight@ghd.com	e-Mail Address	Karolanne.hudgens@plains.com	J			

lo.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-12-061724	06/17/24	11:00	GW	ICE	3	✓										
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
0																	

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:		
Jairo Flores - Bryce Mortimer <i>BW</i>				<input checked="" type="checkbox"/> 3-5 Wk Days <input type="checkbox"/> 5 Wk Days <input type="checkbox"/> 7 Wk Days <input type="checkbox"/> 24 Hr						
Relinquished by:		Date:	Time:	Received by:		Notes:				
<i>[Signature]</i>		6-17-24	11:00	GM 06/18/24 09:30		12604523 - Darr Angell No.2				
Relinquished by:		Date:	Time:	Received by (Laboratory):		Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)		
<i>[Signature]</i>				GM 06/18/24 09:30		Red	2.6	<input checked="" type="checkbox"/> Level II Std CC	<input type="checkbox"/> TRRP Checklist	
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):				<input type="checkbox"/> Level III Std QC/Raw Data	<input type="checkbox"/> TRRP Level IV	
								<input type="checkbox"/> Level IV SW846/CLP		
Preservative Key:		1-HCl   2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH   5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other   8-4°C   9-5035								

Notes: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.  
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.  
 3. The Chain of Custody is a legal document. All information must be completed accurately.

(261) 680-6666  
 REF: 12604537 - LOVINGTON = BO 100501 - 509 - LA  
 RMA: ||| ||| |||



**FedEx**  
Express  
E

FedEx  
TRK# 6862 6804 8693  
0221

TUE - 18 JUN 10:30A  
PRIORITY OVERNIGHT

**AB SGRA**

77099  
TX-US IAH

**CUSTODY SEAL**

**QEC**  
Quality Environmental Containers  
800-255-3950 • www.qecusa.com

DATE 6-24-24 11:00  
SIGNATURE [Signature]

**CUSTODY SEAL**

**QEC**  
Quality Environmental Containers  
800-255-3950 • www.qecusa.com

DATE 6-17-24 11:00  
SIGNATURE [Signature]





---

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

August 23, 2024

Chris Knight  
GHD  
11451 Katy Fwy  
Suite 400  
Houston, TX 77079

Work Order: **HS24080684**

Laboratory Results for: **Darr Angell No.2**

Dear Chris Knight,

ALS Environmental received 11 sample(s) on Aug 09, 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  
Luis.Aguilar

**ALS Houston, US**

Date: 23-Aug-24

**Client:** GHD  
**Project:** Darr Angell No.2  
**Work Order:** HS24080684

**SAMPLE SUMMARY**

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24080684-01	12604523-MW-3R-080724	Groundwater		07-Aug-2024 08:10	09-Aug-2024 09:00	<input type="checkbox"/>
HS24080684-02	12604523-MW-4R-080724	Groundwater		07-Aug-2024 08:30	09-Aug-2024 09:00	<input type="checkbox"/>
HS24080684-03	12604523-MW-6R-080724	Groundwater		07-Aug-2024 08:55	09-Aug-2024 09:00	<input type="checkbox"/>
HS24080684-04	12604523-MW-7R-080724	Groundwater		07-Aug-2024 09:20	09-Aug-2024 09:00	<input type="checkbox"/>
HS24080684-05	12604523-MW-8R-080724	Groundwater		07-Aug-2024 09:43	09-Aug-2024 09:00	<input type="checkbox"/>
HS24080684-06	12604523-MW-9R-080724	Groundwater		07-Aug-2024 10:30	09-Aug-2024 09:00	<input type="checkbox"/>
HS24080684-07	12604523-MW-10R-080724	Groundwater		07-Aug-2024 11:00	09-Aug-2024 09:00	<input type="checkbox"/>
HS24080684-08	12604523-MW-12-080724	Groundwater		07-Aug-2024 11:25	09-Aug-2024 09:00	<input type="checkbox"/>
HS24080684-09	12604523-MW-13-080724	Groundwater		07-Aug-2024 11:50	09-Aug-2024 09:00	<input type="checkbox"/>
HS24080684-10	12604523-DUP-1080724	Groundwater		07-Aug-2024 00:00	09-Aug-2024 09:00	<input type="checkbox"/>
HS24080684-11	Trip Blank	Water	CG-071124 -377	07-Aug-2024 00:00	09-Aug-2024 09:00	<input type="checkbox"/>

**ALS Houston, US**

Date: 23-Aug-24

---

**Client:** GHD  
**Project:** Darr Angell No.2  
**Work Order:** HS24080684

**CASE NARRATIVE**

---

**Work Order Comments**

- The analysis for BTEX was subcontracted to ALS Environmental in Holland, MI. Final report attached.
-

**ALS Houston, US**

Date: 23-Aug-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: 12604523-MW-3R-080724  
 Collection Date: 07-Aug-2024 08:10

**ANALYTICAL REPORT**

WorkOrder:HS24080684  
 Lab ID:HS24080684-01  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>SUBCONTRACT ANALYSIS -VOC ANALYSIS</b>		<b>Method:SUBCONTRACT</b>				Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	23-Aug-2024 16:31

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

**ALS Houston, US**

Date: 23-Aug-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: 12604523-MW-4R-080724  
 Collection Date: 07-Aug-2024 08:30

**ANALYTICAL REPORT**

WorkOrder:HS24080684  
 Lab ID:HS24080684-02  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>SUBCONTRACT ANALYSIS -VOC ANALYSIS</b>		<b>Method:SUBCONTRACT</b>				Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	23-Aug-2024 16:31

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

**ALS Houston, US**

Date: 23-Aug-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: 12604523-MW-6R-080724  
 Collection Date: 07-Aug-2024 08:55

**ANALYTICAL REPORT**  
 WorkOrder:HS24080684  
 Lab ID:HS24080684-03  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>SUBCONTRACT ANALYSIS -VOC ANALYSIS</b>		<b>Method:SUBCONTRACT</b>				Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	23-Aug-2024 16:31

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

**ALS Houston, US**

Date: 23-Aug-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: 12604523-MW-7R-080724  
 Collection Date: 07-Aug-2024 09:20

**ANALYTICAL REPORT**  
 WorkOrder:HS24080684  
 Lab ID:HS24080684-04  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>SUBCONTRACT ANALYSIS -VOC ANALYSIS</b>		<b>Method:SUBCONTRACT</b>				Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	23-Aug-2024 16:31

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

**ALS Houston, US**

Date: 23-Aug-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: 12604523-MW-8R-080724  
 Collection Date: 07-Aug-2024 09:43

**ANALYTICAL REPORT**

WorkOrder:HS24080684  
 Lab ID:HS24080684-05  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>SUBCONTRACT ANALYSIS -VOC ANALYSIS</b>		<b>Method:SUBCONTRACT</b>				Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	23-Aug-2024 16:31

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



**ALS Houston, US**

Date: 23-Aug-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: 12604523-MW-9R-080724  
 Collection Date: 07-Aug-2024 10:30

**ANALYTICAL REPORT**  
 WorkOrder:HS24080684  
 Lab ID:HS24080684-06  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>SUBCONTRACT ANALYSIS -VOC ANALYSIS</b>		<b>Method:SUBCONTRACT</b>				Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	23-Aug-2024 16:31

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

**ALS Houston, US**

Date: 23-Aug-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: 12604523-MW-10R-080724  
 Collection Date: 07-Aug-2024 11:00

**ANALYTICAL REPORT**

WorkOrder:HS24080684  
 Lab ID:HS24080684-07  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>SUBCONTRACT ANALYSIS -VOC ANALYSIS</b>		<b>Method:SUBCONTRACT</b>				Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	23-Aug-2024 16:31

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

**ALS Houston, US**

Date: 23-Aug-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: 12604523-MW-12-080724  
 Collection Date: 07-Aug-2024 11:25

**ANALYTICAL REPORT**

WorkOrder:HS24080684  
 Lab ID:HS24080684-08  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>SUBCONTRACT ANALYSIS -VOC ANALYSIS</b>		<b>Method:SUBCONTRACT</b>				Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	23-Aug-2024 16:31

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

**ALS Houston, US**

Date: 23-Aug-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: 12604523-MW-13-080724  
 Collection Date: 07-Aug-2024 11:50

**ANALYTICAL REPORT**  
 WorkOrder:HS24080684  
 Lab ID:HS24080684-09  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>SUBCONTRACT ANALYSIS -VOC ANALYSIS</b>		<b>Method:SUBCONTRACT</b>				Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	23-Aug-2024 16:31

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

**ALS Houston, US**

Date: 23-Aug-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: 12604523-DUP-1080724  
 Collection Date: 07-Aug-2024 00:00

**ANALYTICAL REPORT**

WorkOrder:HS24080684  
 Lab ID:HS24080684-10  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>SUBCONTRACT ANALYSIS -VOC ANALYSIS</b>		<b>Method:SUBCONTRACT</b>				Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	23-Aug-2024 16:31

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

**ALS Houston, US**

Date: 23-Aug-24

Client: GHD  
 Project: Darr Angell No.2  
 Sample ID: Trip Blank  
 Collection Date: 07-Aug-2024 00:00

**ANALYTICAL REPORT**

WorkOrder:HS24080684  
 Lab ID:HS24080684-11  
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>SUBCONTRACT ANALYSIS -VOC ANALYSIS</b>		<b>Method:SUBCONTRACT</b>				Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	23-Aug-2024 16:31

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

ALS Houston, US

Date: 23-Aug-24

**Client:** GHD  
**Project:** Darr Angell No.2  
**WorkOrder:** HS24080684

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
<b>Batch ID:</b> R475380 ( 0 )		<b>Test Name :</b> SUBCONTRACT ANALYSIS -VOC ANALYSIS			<b>Matrix:</b> Water	
HS24080684-11	Trip Blank	07 Aug 2024 00:00			23 Aug 2024 16:31	1
<b>Batch ID:</b> R475380 ( 0 )		<b>Test Name :</b> SUBCONTRACT ANALYSIS -VOC ANALYSIS			<b>Matrix:</b> Groundwater	
HS24080684-01	12604523-MW-3R-080724	07 Aug 2024 08:10			23 Aug 2024 16:31	1
HS24080684-02	12604523-MW-4R-080724	07 Aug 2024 08:30			23 Aug 2024 16:31	1
HS24080684-03	12604523-MW-6R-080724	07 Aug 2024 08:55			23 Aug 2024 16:31	1
HS24080684-04	12604523-MW-7R-080724	07 Aug 2024 09:20			23 Aug 2024 16:31	1
HS24080684-05	12604523-MW-8R-080724	07 Aug 2024 09:43			23 Aug 2024 16:31	1
HS24080684-06	12604523-MW-9R-080724	07 Aug 2024 10:30			23 Aug 2024 16:31	1
HS24080684-07	12604523-MW-10R-080724	07 Aug 2024 11:00			23 Aug 2024 16:31	1
HS24080684-08	12604523-MW-12-080724	07 Aug 2024 11:25			23 Aug 2024 16:31	1
HS24080684-09	12604523-MW-13-080724	07 Aug 2024 11:50			23 Aug 2024 16:31	1
HS24080684-10	12604523-DUP-1080724	07 Aug 2024 00:00			23 Aug 2024 16:31	1

**ALS Houston, US**

Date: 23-Aug-24

**Client:** GHD  
**Project:** Darr Angell No.2  
**WorkOrder:** HS24080684

**QUALIFIERS,  
ACRONYMS, UNITS**

<b>Qualifier</b>	<b>Description</b>
*	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

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



ALS Houston, US

Date: 23-Aug-24

**CERTIFICATIONS, ACCREDITATIONS & LICENSES**

<b>Agency</b>	<b>Number</b>	<b>Expire Date</b>
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Dept of Defense	L22-90-R2	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2024
North Dakota	R-193 2023-2024	30-Sep-2024
Oklahoma	2023-140	31-Aug-2024
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025

ALS Houston, US

Date: 23-Aug-24

Sample Receipt Checklist

Work Order ID: HS24080684

Date/Time Received: 09-Aug-2024 09:00

Client Name: GHDHouston

Received by: Si Ma

Completed By: /S/ Kaycee Rogers	10-Aug-2024 10:45	Reviewed by: /S/ salina zaid	13-Aug-2024 11:42
eSignature	Date/Time	eSignature	Date/Time

Matrices: **W**

Carrier name: **FedEx**

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- VOA/TX1005/TX1006 Solids in hermetically sealed vials? Yes  No  Not Present
- Chain of custody present? Yes  No  2 Page(s)
- Chain of custody signed when relinquished and received? Yes  No
- Samplers name present on COC? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No

Temperature(s)/Thermometer(s):	2.0UC/2.0C	IR 34
Cooler(s)/Kit(s):	RED	
Date/Time sample(s) sent to storage:	08/10/2024 1045	
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:



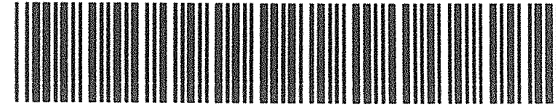
ALS Laboratory Group  
 10450 Stancliff Rd. #210  
 Houston, Texas 77099  
 (Tel) 281.530.5656  
 (Fax) 281.530.5887

### Chain of Custody Form

Page 1 of 2

HS24080684

GHD  
 Darr Angell #2



Customer Information		Project Information					Parameter/Method Request for Analysis										
Purchase Order		Project Name	Darr Angell #2			A	BTEX 8021B										
Work Order		Project Number	SRS#:LF 1999-62			B											
Company Name	Plains All American Pipeline LP	Bill To Company	Plains All American Pipeline			C											
Send Report To	Chris Knight	Invoice Attn.	ENV-00 Accounts Payable			D											
Address	11451 Katy Fwy	Address	c/o ENV-00 Accounts Payable			E											
	Suite 400		F														
City/State/Zip	Houston, Tx 77079	City/State/Zip	Houston, TX 77320-4648			G											
Phone	713-734-3090	Phone	(713) 646-4610			H											
Fax		Fax				I											
e-Mail Address	christopher.knight@ghd.com	e-Mail Address	Kerolanne.hudgens@plains.com			J											
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12604523-MW-3R-080724	08-7-24	08:10	GW	Ice	3	✓										
2	12604523-MW-4R-080724	08-7-24	08:30	GW	Ice	3	✓										
3	12604523-MW-6R-080724	08-7-24	08:55	GW	Ice	3	✓										
4	12604523-MW-7R-080724	08-7-24	09:20	GW	Ice	3	✓										
5	12604523-MW-8R-080724	08-7-24	09:43	GW	Ice	3	✓										
6	12604523-MW-9R-080724	08-7-24	10:30	GW	Ice	3	✓										
7	12604523-MW-10R-080724	08-7-24	11:00	GW	Ice	3	✓										
8	12604523-MW-12-080724	08-7-24	11:25	GW	Ice	3	✓										
9	12604523-MW-13-080724	08-7-24	11:50	GW	Ice	3	✓										
10	12604523-DUP-1080724	08-7-24	-	GW	Ice	3	✓										
Sampler(s): Please Print & Sign <i>Jairo Flores</i>		Shipment Method:		Required Turnaround Time: <input checked="" type="checkbox"/> STD 10 Wk Days <input type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour <input type="checkbox"/> Other _____			Results Due Date:										
Relinquished by: <i>Jairo Flores</i>		Date: 8-8-24	Time: 1540	Received by:			Notes: Bill Direct to Plains All American Pipeline LP.										
Relinquished by:		Date:	Time:	Received by (Laboratory): <i>Gm 08/09/24 09:00</i>			Cooler Temp. <i>2-0</i>		QC Package: (Check Box Below)								
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):					Level II: Standard QC			x TRRP-Checklist					
									Level III: Std QC + Raw Data			TRRP Level IV					
									Level IV: SW846 CLP-Like								
Preservative Key:		1-HCL   2-HNO3   3-H2SO4   4-NaOH   5-Na2S2O3   6-NaHSO4   7-Other   8-4 degrees C   9-5035															
		Other: _____															

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.

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*Walter Red*   *IRM 34*  
*WFO-0*

HS24080684

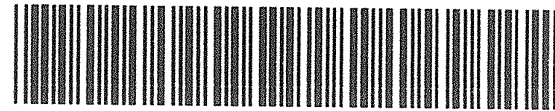
GHD  
Darr Angell #2



ALS Laboratory Group  
10450 Stancliff Rd. #210  
Houston, Texas 77099  
(Tel) 281.530.5656  
(Fax) 281.530.5887

Chain of Custody Form


Page 2 of 2




Customer Information		Project Information					Parameter/Method Request for Analysis										
Purchase Order		Project Name	Darr Angell #2			A	BTEX 8021B										
Work Order		Project Number	SRS#:LF 1999-62			B											
Company Name	Plains All American Pipeline LP	Bill To Company	Plains All American Pipeline			C											
Send Report To	Chris Knight	Invoice Attn.	ENV-00 Accounts Payable			D											
Address	11451 Katy Fwy	Address	c/o ENV-00 Accounts Payable			E											
	Suite 400					F											
City/State/Zip	Houston, Tx 77079	City/State/Zip	Houston, TX 77320-4648			G											
Phone	713-734-3090	Phone	(713) 646-4610			H											
Fax		Fax				I											
e-Mail Address	christopher.knight@ghd.com	e-Mail Address	Karolanne.hudgens@plains.com			J											
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Trip Blank						✓										
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
Sampler(s): Please Print & Sign		Shipment Method:		Required Turnaround Time:			Results Due Date:										
Tairo Flores				<input checked="" type="checkbox"/> STD 10 Wk Days <input type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour <input type="checkbox"/> Other													
Relinquished by: Tairo Flores		Date: 8/24	Time: 1540	Received by:			Notes: Bill Direct to Plains All American Pipeline LP.										
Relinquished by:		Date:	Time:	Received by (Laboratory):			Cooler Temp.:		QC Package: (Check Box Below)								
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):					Level II: Standard QC			x TRRP-Checklist					
									Level III: Std QC + Raw Data			TRRP Level IV					
									Level IV: SW846 CLP-Like								
Preservative Key:		1-HCL   2-HNO3   3-H2SO4   4-NaOH   5-Na2S2O3   6-NaHSO4   7-Other   8-4 degrees C   9-5035															
Other:																	

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.

Copyright 2008 by ALS Laboratory Group

 <b>ALS</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1281 530 5656 Fax. + 281 530 5887	<b>CUSTODY SEAL</b>		Seal Broken By:
	Date: <u>8-8-24</u>	Time: <u>1540</u>	Date:
	Name: <u>Jared T.</u>	Company: <u>GHD</u>	

 <b>ALS</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	<b>CUSTODY SEAL</b>		Seal Broken By:
	Date: <u>8-8-24</u>	Time: <u>1540</u>	Date:
	Name: <u>Jared T.</u>	Company: <u>GHD</u>	

*[Handwritten signature]*  
8-9-24

TO **SAMPLE RECEIVING**  
**ALS GROUP USA, CORP**  
**10450 STANCLIFF ROAD**  
**SUITE 210**  
**HOUSTON TX 77099**

(281) 530-5656  
 REF: DARR ANGELL - BO102544 - LA

RMA: ||| ||| |||



**FedEx**  
Express

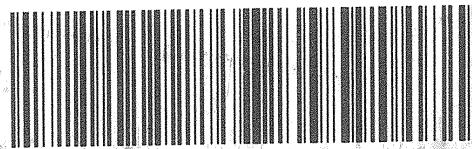


**FedEx**  
 TRK# **7386 7924 8746**  
 0221

**FRI - 09 AUG 10:30A**  
**PRIORITY OVERNIGHT**

**AB SGRA**

**77099**  
 TX - US **IAH**



#244918 08/08 583J6/A12D/9AE3



23-Aug-2024

Luis Aguilar  
ALS Environmental  
10450 Stancliff Rd  
Suite 210  
Houston, TX 77099

Re: **HS24080684**

Work Order: **24080622**

Dear Luis,

ALS Environmental received 11 samples on 16-Aug-2024 09:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 24.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA  
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Electronically approved by: Chelsey Cook

Chelsey Cook  
Project Manager

### Report of Laboratory Analysis

Certificate No: FL E871106

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Work Order:** 24080622

**Work Order Sample Summary**

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
24080622-01	12604523-MW-3R-080724	Groundwater	HS24080864-01	8/7/2024 08:10	8/16/2024 09:00	<input type="checkbox"/>
24080622-02	12604523-MW-4R-080724	Groundwater	HS24080864-02	8/7/2024 08:30	8/16/2024 09:00	<input type="checkbox"/>
24080622-03	12604523-MW-6R-080724	Groundwater	HS24080864-03	8/7/2024 08:55	8/16/2024 09:00	<input type="checkbox"/>
24080622-04	12604523-MW-7R-080724	Groundwater	HS24080864-04	8/7/2024 09:20	8/16/2024 09:00	<input type="checkbox"/>
24080622-05	12604523-MW-8R-080724	Groundwater	HS24080864-05	8/7/2024 09:43	8/16/2024 09:00	<input type="checkbox"/>
24080622-06	12604523-MW-9R-080724	Groundwater	HS24080864-06	8/7/2024 10:30	8/16/2024 09:00	<input type="checkbox"/>
24080622-07	12604523-MW-10R-080724	Groundwater	HS24080864-07	8/7/2024 11:00	8/16/2024 09:00	<input type="checkbox"/>
24080622-08	12604523-MW-12-080724	Groundwater	HS24080864-08	8/7/2024 11:25	8/16/2024 09:00	<input type="checkbox"/>
24080622-09	12604523-MW-13-080724	Groundwater	HS24080864-09	8/7/2024 11:50	8/16/2024 09:00	<input type="checkbox"/>
24080622-10	12604523-DUP-1080724	Groundwater	HS24080864-10	8/7/2024	8/16/2024 09:00	<input type="checkbox"/>
24080622-11	Trip Blank	Groundwater	HS24080864-11	8/7/2024	8/16/2024 09:00	<input type="checkbox"/>

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**WorkOrder:** 24080622

**QUALIFIERS,  
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Analyte accreditation is not offered
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
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCS D	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
mg/L	Milligrams per Liter



**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Work Order:** 24080622

**Case Narrative**

Samples for the above noted Work Order were received on 08/16/2024. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting. A copy of the laboratory's scope of accreditation is available upon request.

With the following exceptions, all sample analyses achieved analytical criteria.

**Volatile Organics:**

Batch R409954c, Method SW8260D, Samples (24080622-09A, -10A, -11A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Vinyl acetate.

No other deviations or anomalies were noted.

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Sample ID:** 12604523-MW-3R-080724  
**Collection Date:** 8/7/2024 08:10 AM

**Work Order:** 24080622  
**Lab ID:** 24080622-01  
**Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: <b>SW8260D</b>				Analyst: <b>JGV</b>
Benzene	U		0.00046	0.0010	mg/L	1	8/17/2024 07:16
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/17/2024 07:16
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/17/2024 07:16
o-Xylene	U		0.00031	0.0010	mg/L	1	8/17/2024 07:16
Toluene	U		0.00045	0.0010	mg/L	1	8/17/2024 07:16
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/17/2024 07:16
Surr: 1,2-Dichloroethane-d4	97.8			80-120	%REC	1	8/17/2024 07:16
Surr: 4-Bromofluorobenzene	102			80-120	%REC	1	8/17/2024 07:16
Surr: Dibromofluoromethane	98.8			80-120	%REC	1	8/17/2024 07:16
Surr: Toluene-d8	94.9			80-120	%REC	1	8/17/2024 07:16

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Sample ID:** 12604523-MW-4R-080724  
**Collection Date:** 8/7/2024 08:30 AM

**Work Order:** 24080622  
**Lab ID:** 24080622-02  
**Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: SW8260D				Analyst: JGV
Benzene	0.0042		0.00046	0.0010	mg/L	1	8/17/2024 07:34
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/17/2024 07:34
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/17/2024 07:34
o-Xylene	U		0.00031	0.0010	mg/L	1	8/17/2024 07:34
Toluene	U		0.00045	0.0010	mg/L	1	8/17/2024 07:34
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/17/2024 07:34
Surr: 1,2-Dichloroethane-d4	103			80-120	%REC	1	8/17/2024 07:34
Surr: 4-Bromofluorobenzene	110			80-120	%REC	1	8/17/2024 07:34
Surr: Dibromofluoromethane	103			80-120	%REC	1	8/17/2024 07:34
Surr: Toluene-d8	93.2			80-120	%REC	1	8/17/2024 07:34

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Sample ID:** 12604523-MW-6R-080724  
**Collection Date:** 8/7/2024 08:55 AM

**Work Order:** 24080622  
**Lab ID:** 24080622-03  
**Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: <b>SW8260D</b>				Analyst: <b>JGV</b>
Benzene	U		0.00046	0.0010	mg/L	1	8/17/2024 07:53
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/17/2024 07:53
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/17/2024 07:53
o-Xylene	U		0.00031	0.0010	mg/L	1	8/17/2024 07:53
Toluene	U		0.00045	0.0010	mg/L	1	8/17/2024 07:53
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/17/2024 07:53
Surr: 1,2-Dichloroethane-d4	101			80-120	%REC	1	8/17/2024 07:53
Surr: 4-Bromofluorobenzene	95.4			80-120	%REC	1	8/17/2024 07:53
Surr: Dibromofluoromethane	105			80-120	%REC	1	8/17/2024 07:53
Surr: Toluene-d8	94.3			80-120	%REC	1	8/17/2024 07:53

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Sample ID:** 12604523-MW-7R-080724  
**Collection Date:** 8/7/2024 09:20 AM

**Work Order:** 24080622  
**Lab ID:** 24080622-04  
**Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: <b>SW8260D</b>				Analyst: <b>JGV</b>
Benzene	U		0.00046	0.0010	mg/L	1	8/17/2024 08:11
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/17/2024 08:11
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/17/2024 08:11
o-Xylene	U		0.00031	0.0010	mg/L	1	8/17/2024 08:11
Toluene	U		0.00045	0.0010	mg/L	1	8/17/2024 08:11
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/17/2024 08:11
Surr: 1,2-Dichloroethane-d4	102			80-120	%REC	1	8/17/2024 08:11
Surr: 4-Bromofluorobenzene	101			80-120	%REC	1	8/17/2024 08:11
Surr: Dibromofluoromethane	103			80-120	%REC	1	8/17/2024 08:11
Surr: Toluene-d8	94.4			80-120	%REC	1	8/17/2024 08:11

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Sample ID:** 12604523-MW-8R-080724  
**Collection Date:** 8/7/2024 09:43 AM

**Work Order:** 24080622  
**Lab ID:** 24080622-05  
**Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: <b>SW8260D</b>				Analyst: <b>JGV</b>
Benzene	U		0.00046	0.0010	mg/L	1	8/17/2024 08:30
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/17/2024 08:30
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/17/2024 08:30
o-Xylene	U		0.00031	0.0010	mg/L	1	8/17/2024 08:30
Toluene	U		0.00045	0.0010	mg/L	1	8/17/2024 08:30
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/17/2024 08:30
Surr: 1,2-Dichloroethane-d4	102			80-120	%REC	1	8/17/2024 08:30
Surr: 4-Bromofluorobenzene	105			80-120	%REC	1	8/17/2024 08:30
Surr: Dibromofluoromethane	104			80-120	%REC	1	8/17/2024 08:30
Surr: Toluene-d8	97.8			80-120	%REC	1	8/17/2024 08:30

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Sample ID:** 12604523-MW-9R-080724  
**Collection Date:** 8/7/2024 10:30 AM

**Work Order:** 24080622  
**Lab ID:** 24080622-06  
**Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: <b>SW8260D</b>				Analyst: <b>JGV</b>
Benzene	U		0.00046	0.0010	mg/L	1	8/17/2024 08:48
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/17/2024 08:48
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/17/2024 08:48
o-Xylene	U		0.00031	0.0010	mg/L	1	8/17/2024 08:48
Toluene	U		0.00045	0.0010	mg/L	1	8/17/2024 08:48
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/17/2024 08:48
Surr: 1,2-Dichloroethane-d4	101			80-120	%REC	1	8/17/2024 08:48
Surr: 4-Bromofluorobenzene	107			80-120	%REC	1	8/17/2024 08:48
Surr: Dibromofluoromethane	102			80-120	%REC	1	8/17/2024 08:48
Surr: Toluene-d8	95.0			80-120	%REC	1	8/17/2024 08:48

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Sample ID:** 12604523-MW-10R-080724  
**Collection Date:** 8/7/2024 11:00 AM

**Work Order:** 24080622  
**Lab ID:** 24080622-07  
**Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: <b>SW8260D</b>				Analyst: <b>JGV</b>
Benzene	U		0.00046	0.0010	mg/L	1	8/17/2024 09:06
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/17/2024 09:06
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/17/2024 09:06
o-Xylene	U		0.00031	0.0010	mg/L	1	8/17/2024 09:06
Toluene	U		0.00045	0.0010	mg/L	1	8/17/2024 09:06
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/17/2024 09:06
Surr: 1,2-Dichloroethane-d4	98.5			80-120	%REC	1	8/17/2024 09:06
Surr: 4-Bromofluorobenzene	101			80-120	%REC	1	8/17/2024 09:06
Surr: Dibromofluoromethane	102			80-120	%REC	1	8/17/2024 09:06
Surr: Toluene-d8	92.5			80-120	%REC	1	8/17/2024 09:06

**Note:** See Qualifiers page for a list of qualifiers and their definitions.



**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Sample ID:** 12604523-MW-12-080724  
**Collection Date:** 8/7/2024 11:25 AM

**Work Order:** 24080622  
**Lab ID:** 24080622-08  
**Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: SW8260D				Analyst: JGV
Benzene	0.092		0.00046	0.0010	mg/L	1	8/17/2024 09:25
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/17/2024 09:25
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/17/2024 09:25
o-Xylene	U		0.00031	0.0010	mg/L	1	8/17/2024 09:25
Toluene	U		0.00045	0.0010	mg/L	1	8/17/2024 09:25
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/17/2024 09:25
Surr: 1,2-Dichloroethane-d4	101			80-120	%REC	1	8/17/2024 09:25
Surr: 4-Bromofluorobenzene	106			80-120	%REC	1	8/17/2024 09:25
Surr: Dibromofluoromethane	104			80-120	%REC	1	8/17/2024 09:25
Surr: Toluene-d8	94.7			80-120	%REC	1	8/17/2024 09:25

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Sample ID:** 12604523-MW-13-080724  
**Collection Date:** 8/7/2024 11:50 AM

**Work Order:** 24080622  
**Lab ID:** 24080622-09  
**Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: <b>SW8260D</b>				Analyst: <b>JGV</b>
Benzene	U		0.00046	0.0010	mg/L	1	8/17/2024 22:23
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/17/2024 22:23
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/17/2024 22:23
o-Xylene	U		0.00031	0.0010	mg/L	1	8/17/2024 22:23
Toluene	U		0.00045	0.0010	mg/L	1	8/17/2024 22:23
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/17/2024 22:23
Surr: 1,2-Dichloroethane-d4	103			80-120	%REC	1	8/17/2024 22:23
Surr: 4-Bromofluorobenzene	101			80-120	%REC	1	8/17/2024 22:23
Surr: Dibromofluoromethane	98.4			80-120	%REC	1	8/17/2024 22:23
Surr: Toluene-d8	92.4			80-120	%REC	1	8/17/2024 22:23

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Sample ID:** 12604523-DUP-1080724  
**Collection Date:** 8/7/2024

**Work Order:** 24080622  
**Lab ID:** 24080622-10  
**Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: <b>SW8260D</b>				Analyst: <b>EZH</b>
Benzene	U		0.00046	0.0010	mg/L	1	8/19/2024 23:14
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/19/2024 23:14
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/19/2024 23:14
o-Xylene	U		0.00031	0.0010	mg/L	1	8/19/2024 23:14
Toluene	U		0.00045	0.0010	mg/L	1	8/19/2024 23:14
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/19/2024 23:14
Surr: 1,2-Dichloroethane-d4	91.4			80-120	%REC	1	8/19/2024 23:14
Surr: 4-Bromofluorobenzene	92.6			80-120	%REC	1	8/19/2024 23:14
Surr: Dibromofluoromethane	95.6			80-120	%REC	1	8/19/2024 23:14
Surr: Toluene-d8	97.2			80-120	%REC	1	8/19/2024 23:14

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group, USA**

Date: 23-Aug-24

**Client:** ALS Environmental  
**Project:** HS24080684  
**Sample ID:** Trip Blank  
**Collection Date:** 8/7/2024

**Work Order:** 24080622  
**Lab ID:** 24080622-11  
**Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: <b>SW8260D</b>				Analyst: <b>JGV</b>
Benzene	U		0.00046	0.0010	mg/L	1	8/17/2024 21:15
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/17/2024 21:15
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/17/2024 21:15
o-Xylene	U		0.00031	0.0010	mg/L	1	8/17/2024 21:15
Toluene	U		0.00045	0.0010	mg/L	1	8/17/2024 21:15
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/17/2024 21:15
Surr: 1,2-Dichloroethane-d4	101			80-120	%REC	1	8/17/2024 21:15
Surr: 4-Bromofluorobenzene	102			80-120	%REC	1	8/17/2024 21:15
Surr: Dibromofluoromethane	101			80-120	%REC	1	8/17/2024 21:15
Surr: Toluene-d8	102			80-120	%REC	1	8/17/2024 21:15

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: 23-Aug-24

Client: ALS Environmental  
 Work Order: 24080622  
 Project: HS24080684

QC BATCH REPORT

Batch ID: R409903 Instrument ID VMS7 Method: SW8260D

MBLK		Sample ID: 7V-BLKW2-240816-R409903				Units: µg/L		Analysis Date: 8/17/2024 02:59 AM			
Client ID:		Run ID: VMS7_240816B				SeqNo: 11043213		Prep Date:		DF: 1	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	0.46	1.0								
Ethylbenzene	U	0.34	1.0								
m,p-Xylene	U	0.81	2.0								
o-Xylene	U	0.31	1.0								
Toluene	U	0.45	1.0								
Xylenes, Total	U	0.81	3.0								
Surr: 1,2-Dichloroethane-d4	20.27	0	0	20	0	101	80-120		0		
Surr: 4-Bromofluorobenzene	19.91	0	0	20	0	99.6	80-120		0		
Surr: Dibromofluoromethane	20.93	0	0	20	0	105	80-120		0		
Surr: Toluene-d8	19.3	0	0	20	0	96.5	80-120		0		

LCS		Sample ID: 7V-LCSW2-240816-R409903				Units: µg/L		Analysis Date: 8/17/2024 02:23 AM			
Client ID:		Run ID: VMS7_240816B				SeqNo: 11043241		Prep Date:		DF: 1	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	17.35	0.46	1.0	20	0	86.8	78-120		0		
Ethylbenzene	15.93	0.34	1.0	20	0	79.6	76-116		0		
m,p-Xylene	30.44	0.81	2.0	40	0	76.1	76-119		0		
o-Xylene	15.59	0.31	1.0	20	0	78	77-116		0		
Toluene	16.21	0.45	1.0	20	0	81	78-116		0		
Xylenes, Total	46.03	0.81	3.0	60	0	76.7	77-119		0		S
Surr: 1,2-Dichloroethane-d4	20.7	0	0	20	0	104	80-120		0		
Surr: 4-Bromofluorobenzene	19.71	0	0	20	0	98.6	80-120		0		
Surr: Dibromofluoromethane	20.46	0	0	20	0	102	80-120		0		
Surr: Toluene-d8	19.65	0	0	20	0	98.2	80-120		0		

MS		Sample ID: 24080608-07A MS				Units: µg/L		Analysis Date: 8/17/2024 09:43 AM			
Client ID:		Run ID: VMS7_240816B				SeqNo: 11043235		Prep Date:		DF: 1000	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	16920	460	1,000	20000	0	84.6	78-120		0		
Ethylbenzene	14980	340	1,000	20000	0	74.9	76-116		0		S
m,p-Xylene	29560	810	2,000	40000	0	73.9	76-119		0		S
o-Xylene	14910	310	1,000	20000	0	74.6	77-116		0		S
Toluene	15740	450	1,000	20000	0	78.7	78-116		0		
Xylenes, Total	44470	810	3,000	60000	0	74.1	77-119		0		S
Surr: 1,2-Dichloroethane-d4	20060	0	0	20000	0	100	80-120		0		
Surr: 4-Bromofluorobenzene	20220	0	0	20000	0	101	80-120		0		
Surr: Dibromofluoromethane	20930	0	0	20000	0	105	80-120		0		
Surr: Toluene-d8	19550	0	0	20000	0	97.8	80-120		0		

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

**Client:** ALS Environmental  
**Work Order:** 24080622  
**Project:** HS24080684

# QC BATCH REPORT

Batch ID: **R409903** Instrument ID **VMS7** Method: **SW8260D**

MSD		Sample ID: 24080608-07A MSD				Units: µg/L		Analysis Date: 8/17/2024 10:02 AM			
Client ID:		Run ID: VMS7_240816B		SeqNo: 11043236		Prep Date:		DF: 1000			
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	16730	460	1,000	20000	0	83.6	78-120	16920	1.13	30	
Ethylbenzene	14950	340	1,000	20000	0	74.8	76-116	14980	0.2	30	S
m,p-Xylene	29290	810	2,000	40000	0	73.2	76-119	29560	0.918	30	S
o-Xylene	14900	310	1,000	20000	0	74.5	77-116	14910	0.0671	30	S
Toluene	15340	450	1,000	20000	0	76.7	78-116	15740	2.57	30	S
Xylenes, Total	44190	810	3,000	60000	0	73.6	77-119	44470	0.632	30	S
Surr: 1,2-Dichloroethane-d4	19010	0	0	20000	0	95	80-120	20060	5.37	30	
Surr: 4-Bromofluorobenzene	20460	0	0	20000	0	102	80-120	20220	1.18	30	
Surr: Dibromofluoromethane	20530	0	0	20000	0	103	80-120	20930	1.93	30	
Surr: Toluene-d8	18400	0	0	20000	0	92	80-120	19550	6.06	30	

The following samples were analyzed in this batch:

24080622-01A	24080622-02A	24080622-03A
24080622-04A	24080622-05A	24080622-06A
24080622-07A	24080622-08A	

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

**Client:** ALS Environmental  
**Work Order:** 24080622  
**Project:** HS24080684

# QC BATCH REPORT

Batch ID: **R409954c** Instrument ID **VMS11** Method: **SW8260D**

MBLK		Sample ID: 11V-BLKW1-240816-R409954c				Units: µg/L		Analysis Date: 8/17/2024 06:59 PM			
Client ID:		Run ID: VMS11_240816C				SeqNo: 11045463		Prep Date:		DF: 1	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	0.46	1.0								
Ethylbenzene	U	0.34	1.0								
m,p-Xylene	U	0.81	2.0								
o-Xylene	U	0.31	1.0								
Toluene	U	0.45	1.0								
Xylenes, Total	U	0.81	3.0								
Surr: 1,2-Dichloroethane-d4	21.55	0	0	20	0	108	80-120	0			
Surr: 4-Bromofluorobenzene	21.24	0	0	20	0	106	80-120	0			
Surr: Dibromofluoromethane	21.16	0	0	20	0	106	80-120	0			
Surr: Toluene-d8	19.34	0	0	20	0	96.7	80-120	0			

LCS		Sample ID: 11V-LCSW1-240816-R409954c				Units: µg/L		Analysis Date: 8/17/2024 05:52 PM			
Client ID:		Run ID: VMS11_240816C				SeqNo: 11045461		Prep Date:		DF: 1	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.18	0.46	1.0	20	0	90.9	78-120	0			
Ethylbenzene	18.31	0.34	1.0	20	0	91.6	76-116	0			
m,p-Xylene	36.99	0.81	2.0	40	0	92.5	76-119	0			
o-Xylene	17.58	0.31	1.0	20	0	87.9	77-116	0			
Toluene	18.16	0.45	1.0	20	0	90.8	78-116	0			
Xylenes, Total	54.57	0.81	3.0	60	0	91	77-119	0			
Surr: 1,2-Dichloroethane-d4	21.45	0	0	20	0	107	80-120	0			
Surr: 4-Bromofluorobenzene	18.77	0	0	20	0	93.8	80-120	0			
Surr: Dibromofluoromethane	19.65	0	0	20	0	98.2	80-120	0			
Surr: Toluene-d8	20.04	0	0	20	0	100	80-120	0			

MS		Sample ID: 24080519-01A MS				Units: µg/L		Analysis Date: 8/18/2024 03:16 AM			
Client ID:		Run ID: VMS11_240816C				SeqNo: 11045485		Prep Date:		DF: 50	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1436	23	50	1000	394	104	78-120	0			
Ethylbenzene	1648	17	50	1000	626	102	76-116	0			
m,p-Xylene	2612	40	100	2000	719	94.7	76-119	0			
o-Xylene	917	16	50	1000	0	91.7	77-116	0			
Toluene	880	22	50	1000	0	88	78-116	0			
Xylenes, Total	3530	40	150	3000	719	93.7	77-119	0			
Surr: 1,2-Dichloroethane-d4	1040	0	0	1000	0	104	80-120	0			
Surr: 4-Bromofluorobenzene	1025	0	0	1000	0	102	80-120	0			
Surr: Dibromofluoromethane	1005	0	0	1000	0	100	80-120	0			
Surr: Toluene-d8	946	0	0	1000	0	94.6	80-120	0			

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

**Client:** ALS Environmental  
**Work Order:** 24080622  
**Project:** HS24080684

# QC BATCH REPORT

Batch ID: **R409954c** Instrument ID **VMS11** Method: **SW8260D**

MSD		Sample ID: 24080519-01A MSD				Units: µg/L		Analysis Date: 8/18/2024 03:39 AM			
Client ID:		Run ID: VMS11_240816C			SeqNo: 11045486		Prep Date:		DF: 50		
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1450	23	50	1000	394	106	78-120	1436	0.901	30	
Ethylbenzene	1610	17	50	1000	626	98.4	76-116	1648	2.39	30	
m,p-Xylene	2680	40	100	2000	719	98	76-119	2612	2.55	30	
o-Xylene	977	16	50	1000	0	97.7	77-116	917	6.34	30	
Toluene	907	22	50	1000	0	90.7	78-116	880	3.02	30	
Xylenes, Total	3657	40	150	3000	719	97.9	77-119	3530	3.55	30	
Surr: 1,2-Dichloroethane-d4	1025	0	0	1000	0	102	80-120	1040	1.4	30	
Surr: 4-Bromofluorobenzene	988.5	0	0	1000	0	98.8	80-120	1025	3.63	30	
Surr: Dibromofluoromethane	931	0	0	1000	0	93.1	80-120	1005	7.64	30	
Surr: Toluene-d8	942.5	0	0	1000	0	94.2	80-120	946	0.371	30	

The following samples were analyzed in this batch: | 24080622-09A | 24080622-10A | 24080622-11A |

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



**Client:** ALS Environmental  
**Work Order:** 24080622  
**Project:** HS24080684

# QC BATCH REPORT

Batch ID: **R409980a** Instrument ID **VMS12** Method: **SW8260D**

MBLK		Sample ID: 12-BLKW2-240819-R409980a				Units: µg/L		Analysis Date: 8/19/2024 07:19 PM			
Client ID:		Run ID: VMS12_240819A				SeqNo: 11046258		Prep Date:		DF: 1	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	0.46	1.0								
Ethylbenzene	U	0.34	1.0								
m,p-Xylene	U	0.81	2.0								
o-Xylene	U	0.31	1.0								
Toluene	U	0.45	1.0								
Xylenes, Total	U	0.81	3.0								
Surr: 1,2-Dichloroethane-d4	20.48	0	0	20	0	102	80-120	0			
Surr: 4-Bromofluorobenzene	17.91	0	0	20	0	89.6	80-120	0			
Surr: Dibromofluoromethane	20.25	0	0	20	0	101	80-120	0			
Surr: Toluene-d8	20.18	0	0	20	0	101	80-120	0			

LCS		Sample ID: 12V-LCSW1-240819-R409980a				Units: µg/L		Analysis Date: 8/19/2024 06:09 PM			
Client ID:		Run ID: VMS12_240819A				SeqNo: 11046256		Prep Date:		DF: 1	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.51	0.46	1.0	20	0	97.6	78-120	0			
Ethylbenzene	18.43	0.34	1.0	20	0	92.2	76-116	0			
m,p-Xylene	36.03	0.81	2.0	40	0	90.1	76-119	0			
o-Xylene	17.48	0.31	1.0	20	0	87.4	77-116	0			
Toluene	18.47	0.45	1.0	20	0	92.4	78-116	0			
Xylenes, Total	53.51	0.81	3.0	60	0	89.2	77-119	0			
Surr: 1,2-Dichloroethane-d4	19.82	0	0	20	0	99.1	80-120	0			
Surr: 4-Bromofluorobenzene	19.39	0	0	20	0	97	80-120	0			
Surr: Dibromofluoromethane	19.34	0	0	20	0	96.7	80-120	0			
Surr: Toluene-d8	19.58	0	0	20	0	97.9	80-120	0			

MS		Sample ID: 24080588-04A MS				Units: µg/L		Analysis Date: 8/20/2024 03:54 AM			
Client ID:		Run ID: VMS12_240819A				SeqNo: 11046280		Prep Date:		DF: 500	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	13560	230	500	10000	5014	85.5	78-120	0			
Ethylbenzene	9170	170	500	10000	615	85.6	76-116	0			
m,p-Xylene	19270	400	1,000	20000	2402	84.3	76-119	0			
o-Xylene	9195	160	500	10000	1230	79.6	77-116	0			
Toluene	18730	220	500	10000	10130	86	78-116	0			
Xylenes, Total	28460	400	1,500	30000	3632	82.8	77-119	0			
Surr: 1,2-Dichloroethane-d4	9355	0	0	10000	0	93.6	80-120	0			
Surr: 4-Bromofluorobenzene	9670	0	0	10000	0	96.7	80-120	0			
Surr: Dibromofluoromethane	9715	0	0	10000	0	97.2	80-120	0			
Surr: Toluene-d8	9915	0	0	10000	0	99.2	80-120	0			

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

**Client:** ALS Environmental  
**Work Order:** 24080622  
**Project:** HS24080684

# QC BATCH REPORT

Batch ID: **R409980a** Instrument ID **VMS12** Method: **SW8260D**

MSD		Sample ID: 24080588-04A MSD				Units: µg/L		Analysis Date: 8/20/2024 04:18 AM			
Client ID:		Run ID: VMS12_240819A			SeqNo: 11046281		Prep Date:		DF: 500		
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	14000	230	500	10000	5014	89.9	78-120	13560	3.23	30	
Ethylbenzene	9110	170	500	10000	615	85	76-116	9170	0.656	30	
m,p-Xylene	19360	400	1,000	20000	2402	84.8	76-119	19270	0.44	30	
o-Xylene	9205	160	500	10000	1230	79.8	77-116	9195	0.109	30	
Toluene	17680	220	500	10000	10130	75.5	78-116	18730	5.74	30	S
Xylenes, Total	28560	400	1,500	30000	3632	83.1	77-119	28460	0.333	30	
Surr: 1,2-Dichloroethane-d4	10080	0	0	10000	0	101	80-120	9355	7.51	30	
Surr: 4-Bromofluorobenzene	9310	0	0	10000	0	93.1	80-120	9670	3.79	30	
Surr: Dibromofluoromethane	9685	0	0	10000	0	96.8	80-120	9715	0.309	30	
Surr: Toluene-d8	9835	0	0	10000	0	98.4	80-120	9915	0.81	30	

The following samples were analyzed in this batch: | 24080622-10A |

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

24080622

ALS - HOUSTON: ALS Environmental  
Project: HS24080684



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www.alsglobal.com

### Subcontract Chain of Custody

**SAMPLING STATE:** New Mexico

**COC ID:** 26659

**SUBCONTRACT TO:**

ALS Group USA, Corp.  
3352 - 128th Ave  
Holland, MI 494249263

**Phone:** +1 616 399 6070

**CUSTOMER INFORMATION:**

**Company:** ALS Houston  
**Contact:** Luis.Aguilar  
**Address:** 10450 Stancliff Rd, Ste 210  
**Phone:** +1 281 530 5656  
**Email:** luis.aguilar@alsglobal.com  
**Alternate Contact:** Jumoke M. Lawal  
**Email:** jumoke.lawal@alsglobal.com

**INVOICE INFORMATION:**

**Company:** ALS Houston  
**Contact:** Accounts Payable  
**Address:** 10450 Stancliff Rd, Ste 210  
**Phone:** +1 281 530 5656  
**Reference:** HS24080684  
**TSR:** Ron Martino

	LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	COLLECT DATE
	ANALYSIS REQUESTED			DUE DATE
1.	HS24080684-01	12604523-MW-3R-080724	GW	07 Aug 2024 08:10
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			23 Aug 2024
2.	HS24080684-02	12604523-MW-4R-080724	GW	07 Aug 2024 08:30
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			23 Aug 2024
3.	HS24080684-03	12604523-MW-6R-080724	GW	07 Aug 2024 08:55
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			23 Aug 2024
4.	HS24080684-04	12604523-MW-7R-080724	GW	07 Aug 2024 09:20
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			23 Aug 2024
5.	HS24080684-05	12604523-MW-8R-080724	GW	07 Aug 2024 09:43
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			23 Aug 2024
6.	HS24080684-06	12604523-MW-9R-080724	GW	07 Aug 2024 10:30
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			23 Aug 2024
7.	HS24080684-07	12604523-MW-10R-080724	GW	07 Aug 2024 11:00
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			23 Aug 2024
8.	HS24080684-08	12604523-MW-12-080724	GW	07 Aug 2024 11:25
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			23 Aug 2024
9.	HS24080684-09	12604523-MW-13-080724	GW	07 Aug 2024 11:50

RIGHT SOLUTIONS | RIGHT PARTNER



### Subcontract Chain of Custody

**SAMPLING STATE:** New Mexico

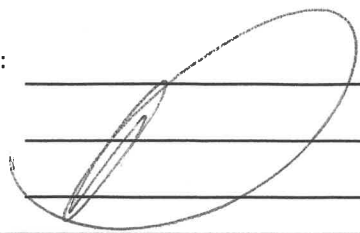
**COC ID:** 26659

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	COLLECT DATE
ANALYSIS REQUESTED			DUE DATE
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD		23 Aug 2024
<b>10. HS24080684-10</b>	<b>12604523-DUP-1080724</b>	<b>GW</b>	<b>07 Aug 2024 00:00</b>
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD		23 Aug 2024
<b>11. HS24080684-11</b>	<b>Trip Blank</b>	<b>Water</b>	<b>07 Aug 2024 00:00</b>
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD		23 Aug 2024

**Comments:** Please analyze for the analysis listed above.  
Send report to the emails shown above.

**QC Level:** STD (Laboratory Standard QC: method blank and LCS required)

Relinquished By: \_\_\_\_\_  
 Received By: \_\_\_\_\_  
 Cooler ID(s): \_\_\_\_\_



Date/Time: \_\_\_\_\_  
 Date/Time: 8-16-24 0900  
 Temperature(s): 1.6 JIS

ALS Group, USA  
Holland, Michigan

Sample Receipt Checklist

Client Name: **ALS - HOUSTON**

Date/Time Received: **16-Aug-24 09:00**

Work Order: **24080622**

Received by: **JD**

Checklist completed by Jason Delinger 16-Aug-24  
eSignature Date

Reviewed by: Chelsey Cook 21-Aug-24  
eSignature Date

Matrices: Water  
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample(s) received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<input type="text" value="1.6/2.6 c"/>		<input type="text" value="ir3"/>
Cooler(s)/Kit(s):	<input type="text"/>		
Date/Time sample(s) sent to storage:	<input type="text" value="8/16/2024 3:59:53 PM"/>		
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:	<input type="text"/>		

Login Notes:

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Client Contacted: Date Contacted: Person Contacted:  
Contacted By: Regarding:

Comments:

CorrectiveAction:



---

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

November 08, 2024

Chris Knight  
GHDHouston  
11451 Katy Freeway  
Suite 400  
Houston, TX 77079

Work Order: **HS24110262**

Laboratory Results for: **Darr Angell No.2 SRS #LF 1999-62**

Dear Chris Knight,

ALS Environmental received 11 sample(s) on Nov 06, 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: DAYNA.FISHER  
Alexis Dorenbosch

**ALS Houston, US**

Date: 08-Nov-24

**Client:** GHDHouston  
**Project:** Darr Angell No.2 SRS #LF 1999-62  
**Work Order:** HS24110262

**SAMPLE SUMMARY**

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24110262-01	12604523-MW-3R-20241105	Groundwater		05-Nov-2024 11:55	06-Nov-2024 09:25	<input type="checkbox"/>
HS24110262-02	12604523-MW-4R-20241105	Groundwater		05-Nov-2024 12:29	06-Nov-2024 09:25	<input type="checkbox"/>
HS24110262-03	12604523-MW-6R-20241105	Groundwater		05-Nov-2024 13:44	06-Nov-2024 09:25	<input type="checkbox"/>
HS24110262-04	12604523-MW-7R-20241105	Groundwater		05-Nov-2024 14:10	06-Nov-2024 09:25	<input type="checkbox"/>
HS24110262-05	12604523-MW-8R-20241105	Groundwater		05-Nov-2024 13:05	06-Nov-2024 09:25	<input type="checkbox"/>
HS24110262-06	12604523-MW-9R-20241105	Groundwater		05-Nov-2024 10:50	06-Nov-2024 09:25	<input type="checkbox"/>
HS24110262-07	12604523-MW-10R-20241105	Groundwater		05-Nov-2024 11:12	06-Nov-2024 09:25	<input type="checkbox"/>
HS24110262-08	12604523-MW-12-20241105	Groundwater		05-Nov-2024 11:35	06-Nov-2024 09:25	<input type="checkbox"/>
HS24110262-09	12604523-MW-13-20241105	Groundwater		05-Nov-2024 12:40	06-Nov-2024 09:25	<input type="checkbox"/>
HS24110262-10	12604523-Dup-01-20241105	Groundwater		05-Nov-2024 00:00	06-Nov-2024 09:25	<input type="checkbox"/>
HS24110262-11	Trip Blank	Water	CG-082224 -790	05-Nov-2024 00:00	06-Nov-2024 09:25	<input type="checkbox"/>

**ALS Houston, US**

Date: 08-Nov-24

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**Client:** GHDHouston  
**Project:** Darr Angell No.2 SRS #LF 1999-62  
**Work Order:** HS24110262

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**CASE NARRATIVE**

**GCMS Volatiles by Method SW8260**

**Batch ID: R499424**

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



**ALS Houston, US**

Date: 08-Nov-24

Client: GHDHouston  
 Project: Darr Angell No.2 SRS #LF 1999-62  
 Sample ID: 12604523-MW-3R-20241105  
 Collection Date: 05-Nov-2024 11:55

**ANALYTICAL REPORT**

WorkOrder:HS24110262  
 Lab ID:HS24110262-01  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 00:33
Ethylbenzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 00:33
Toluene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 00:33
Xylenes, Total	< 0.0030		0.0030	mg/L	1	08-Nov-2024 00:33
Surr: 1,2-Dichloroethane-d4	91.6		70-126	%REC	1	08-Nov-2024 00:33
Surr: 4-Bromofluorobenzene	98.3		77-113	%REC	1	08-Nov-2024 00:33
Surr: Dibromofluoromethane	94.9		77-123	%REC	1	08-Nov-2024 00:33
Surr: Toluene-d8	99.2		82-127	%REC	1	08-Nov-2024 00:33

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

**ALS Houston, US**

Date: 08-Nov-24

Client: GHDHouston  
 Project: Darr Angell No.2 SRS #LF 1999-62  
 Sample ID: 12604523-MW-4R-20241105  
 Collection Date: 05-Nov-2024 12:29

**ANALYTICAL REPORT**

WorkOrder:HS24110262  
 Lab ID:HS24110262-02  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
<b>Benzene</b>	<b>0.0023</b>		<b>0.0010</b>	<b>mg/L</b>	1	08-Nov-2024 00:55
Ethylbenzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 00:55
Toluene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 00:55
Xylenes, Total	< 0.0030		0.0030	mg/L	1	08-Nov-2024 00:55
Surr: 1,2-Dichloroethane-d4	94.8		70-126	%REC	1	08-Nov-2024 00:55
Surr: 4-Bromofluorobenzene	97.0		77-113	%REC	1	08-Nov-2024 00:55
Surr: Dibromofluoromethane	100.0		77-123	%REC	1	08-Nov-2024 00:55
Surr: Toluene-d8	97.1		82-127	%REC	1	08-Nov-2024 00:55

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

**ALS Houston, US**

Date: 08-Nov-24

Client: GHDHouston  
 Project: Darr Angell No.2 SRS #LF 1999-62  
 Sample ID: 12604523-MW-6R-20241105  
 Collection Date: 05-Nov-2024 13:44

**ANALYTICAL REPORT**

WorkOrder:HS24110262  
 Lab ID:HS24110262-03  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 01:17
Ethylbenzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 01:17
Toluene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 01:17
Xylenes, Total	< 0.0030		0.0030	mg/L	1	08-Nov-2024 01:17
Surr: 1,2-Dichloroethane-d4	94.7		70-126	%REC	1	08-Nov-2024 01:17
Surr: 4-Bromofluorobenzene	94.9		77-113	%REC	1	08-Nov-2024 01:17
Surr: Dibromofluoromethane	100		77-123	%REC	1	08-Nov-2024 01:17
Surr: Toluene-d8	96.4		82-127	%REC	1	08-Nov-2024 01:17

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

**ALS Houston, US**

Date: 08-Nov-24

Client: GHDHouston  
 Project: Darr Angell No.2 SRS #LF 1999-62  
 Sample ID: 12604523-MW-7R-20241105  
 Collection Date: 05-Nov-2024 14:10

**ANALYTICAL REPORT**

WorkOrder:HS24110262  
 Lab ID:HS24110262-04  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 01:39
Ethylbenzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 01:39
Toluene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 01:39
Xylenes, Total	< 0.0030		0.0030	mg/L	1	08-Nov-2024 01:39
Surr: 1,2-Dichloroethane-d4	96.3		70-126	%REC	1	08-Nov-2024 01:39
Surr: 4-Bromofluorobenzene	95.3		77-113	%REC	1	08-Nov-2024 01:39
Surr: Dibromofluoromethane	99.7		77-123	%REC	1	08-Nov-2024 01:39
Surr: Toluene-d8	97.3		82-127	%REC	1	08-Nov-2024 01:39

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

**ALS Houston, US**

Date: 08-Nov-24

Client: GHDHouston  
 Project: Darr Angell No.2 SRS #LF 1999-62  
 Sample ID: 12604523-MW-8R-20241105  
 Collection Date: 05-Nov-2024 13:05

**ANALYTICAL REPORT**  
 WorkOrder:HS24110262  
 Lab ID:HS24110262-05  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 02:01
Ethylbenzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 02:01
Toluene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 02:01
Xylenes, Total	< 0.0030		0.0030	mg/L	1	08-Nov-2024 02:01
Surr: 1,2-Dichloroethane-d4	94.9		70-126	%REC	1	08-Nov-2024 02:01
Surr: 4-Bromofluorobenzene	96.1		77-113	%REC	1	08-Nov-2024 02:01
Surr: Dibromofluoromethane	98.5		77-123	%REC	1	08-Nov-2024 02:01
Surr: Toluene-d8	97.2		82-127	%REC	1	08-Nov-2024 02:01

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

**ALS Houston, US**

Date: 08-Nov-24

Client: GHDHouston  
 Project: Darr Angell No.2 SRS #LF 1999-62  
 Sample ID: 12604523-MW-9R-20241105  
 Collection Date: 05-Nov-2024 10:50

**ANALYTICAL REPORT**

WorkOrder:HS24110262  
 Lab ID:HS24110262-06  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 02:22
Ethylbenzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 02:22
Toluene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 02:22
Xylenes, Total	< 0.0030		0.0030	mg/L	1	08-Nov-2024 02:22
Surr: 1,2-Dichloroethane-d4	97.6		70-126	%REC	1	08-Nov-2024 02:22
Surr: 4-Bromofluorobenzene	95.6		77-113	%REC	1	08-Nov-2024 02:22
Surr: Dibromofluoromethane	102		77-123	%REC	1	08-Nov-2024 02:22
Surr: Toluene-d8	96.2		82-127	%REC	1	08-Nov-2024 02:22

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

**ALS Houston, US**

Date: 08-Nov-24

Client: GHDHouston  
 Project: Darr Angell No.2 SRS #LF 1999-62  
 Sample ID: 12604523-MW-10R-20241105  
 Collection Date: 05-Nov-2024 11:12

**ANALYTICAL REPORT**

WorkOrder:HS24110262  
 Lab ID:HS24110262-07  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 02:44
Ethylbenzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 02:44
Toluene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 02:44
Xylenes, Total	< 0.0030		0.0030	mg/L	1	08-Nov-2024 02:44
Surr: 1,2-Dichloroethane-d4	96.7		70-126	%REC	1	08-Nov-2024 02:44
Surr: 4-Bromofluorobenzene	95.7		77-113	%REC	1	08-Nov-2024 02:44
Surr: Dibromofluoromethane	102		77-123	%REC	1	08-Nov-2024 02:44
Surr: Toluene-d8	96.3		82-127	%REC	1	08-Nov-2024 02:44

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

**ALS Houston, US**

Date: 08-Nov-24

Client: GHDHouston  
 Project: Darr Angell No.2 SRS #LF 1999-62  
 Sample ID: 12604523-MW-12-20241105  
 Collection Date: 05-Nov-2024 11:35

**ANALYTICAL REPORT**

WorkOrder:HS24110262  
 Lab ID:HS24110262-08  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
<b>Benzene</b>	<b>0.080</b>		<b>0.0010</b>	<b>mg/L</b>	1	08-Nov-2024 03:06
Ethylbenzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 03:06
Toluene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 03:06
Xylenes, Total	< 0.0030		0.0030	mg/L	1	08-Nov-2024 03:06
Surr: 1,2-Dichloroethane-d4	94.2		70-126	%REC	1	08-Nov-2024 03:06
Surr: 4-Bromofluorobenzene	96.9		77-113	%REC	1	08-Nov-2024 03:06
Surr: Dibromofluoromethane	98.2		77-123	%REC	1	08-Nov-2024 03:06
Surr: Toluene-d8	96.4		82-127	%REC	1	08-Nov-2024 03:06

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



**ALS Houston, US**

Date: 08-Nov-24

Client: GHDHouston  
 Project: Darr Angell No.2 SRS #LF 1999-62  
 Sample ID: 12604523-MW-13-20241105  
 Collection Date: 05-Nov-2024 12:40

**ANALYTICAL REPORT**

WorkOrder:HS24110262  
 Lab ID:HS24110262-09  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 03:28
Ethylbenzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 03:28
Toluene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 03:28
Xylenes, Total	< 0.0030		0.0030	mg/L	1	08-Nov-2024 03:28
Surr: 1,2-Dichloroethane-d4	95.9		70-126	%REC	1	08-Nov-2024 03:28
Surr: 4-Bromofluorobenzene	95.1		77-113	%REC	1	08-Nov-2024 03:28
Surr: Dibromofluoromethane	102		77-123	%REC	1	08-Nov-2024 03:28
Surr: Toluene-d8	96.6		82-127	%REC	1	08-Nov-2024 03:28

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

**ALS Houston, US**

Date: 08-Nov-24

Client: GHDHouston  
 Project: Darr Angell No.2 SRS #LF 1999-62  
 Sample ID: 12604523-Dup-01-20241105  
 Collection Date: 05-Nov-2024 00:00

**ANALYTICAL REPORT**

WorkOrder:HS24110262  
 Lab ID:HS24110262-10  
 Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 03:50
Ethylbenzene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 03:50
Toluene	< 0.0010		0.0010	mg/L	1	08-Nov-2024 03:50
Xylenes, Total	< 0.0030		0.0030	mg/L	1	08-Nov-2024 03:50
Surr: 1,2-Dichloroethane-d4	91.4		70-126	%REC	1	08-Nov-2024 03:50
Surr: 4-Bromofluorobenzene	98.0		77-113	%REC	1	08-Nov-2024 03:50
Surr: Dibromofluoromethane	96.0		77-123	%REC	1	08-Nov-2024 03:50
Surr: Toluene-d8	98.1		82-127	%REC	1	08-Nov-2024 03:50

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

**ALS Houston, US**

Date: 08-Nov-24

Client: GHDHouston  
 Project: Darr Angell No.2 SRS #LF 1999-62  
 Sample ID: Trip Blank  
 Collection Date: 05-Nov-2024 00:00

**ANALYTICAL REPORT**

WorkOrder:HS24110262  
 Lab ID:HS24110262-11  
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>LOW LEVEL VOLATILES BY SW8260C</b>		<b>Method:SW8260</b>				Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	07-Nov-2024 23:06
Ethylbenzene	< 0.0010		0.0010	mg/L	1	07-Nov-2024 23:06
Toluene	< 0.0010		0.0010	mg/L	1	07-Nov-2024 23:06
Xylenes, Total	< 0.0030		0.0030	mg/L	1	07-Nov-2024 23:06
Surr: 1,2-Dichloroethane-d4	96.3		70-126	%REC	1	07-Nov-2024 23:06
Surr: 4-Bromofluorobenzene	96.0		77-113	%REC	1	07-Nov-2024 23:06
Surr: Dibromofluoromethane	101		77-123	%REC	1	07-Nov-2024 23:06
Surr: Toluene-d8	97.1		82-127	%REC	1	07-Nov-2024 23:06

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

ALS Houston, US

Date: 08-Nov-24

**Client:** GHDHouston  
**Project:** Darr Angell No.2 SRS #LF 1999-62  
**WorkOrder:** HS24110262

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
<b>Batch ID:</b> R499424 ( 0 )		<b>Test Name :</b> LOW LEVEL VOLATILES BY SW8260C			<b>Matrix:</b> Water	
HS24110262-11	Trip Blank	05 Nov 2024 00:00			07 Nov 2024 23:06	1
<b>Batch ID:</b> R499424 ( 0 )		<b>Test Name :</b> LOW LEVEL VOLATILES BY SW8260C			<b>Matrix:</b> Groundwater	
HS24110262-01	12604523-MW-3R-20241105	05 Nov 2024 11:55			08 Nov 2024 00:33	1
HS24110262-02	12604523-MW-4R-20241105	05 Nov 2024 12:29			08 Nov 2024 00:55	1
HS24110262-03	12604523-MW-6R-20241105	05 Nov 2024 13:44			08 Nov 2024 01:17	1
HS24110262-04	12604523-MW-7R-20241105	05 Nov 2024 14:10			08 Nov 2024 01:39	1
HS24110262-05	12604523-MW-8R-20241105	05 Nov 2024 13:05			08 Nov 2024 02:01	1
HS24110262-06	12604523-MW-9R-20241105	05 Nov 2024 10:50			08 Nov 2024 02:22	1
HS24110262-07	12604523-MW-10R-20241105	05 Nov 2024 11:12			08 Nov 2024 02:44	1
HS24110262-08	12604523-MW-12-20241105	05 Nov 2024 11:35			08 Nov 2024 03:06	1
HS24110262-09	12604523-MW-13-20241105	05 Nov 2024 12:40			08 Nov 2024 03:28	1
HS24110262-10	12604523-Dup-01-20241105	05 Nov 2024 00:00			08 Nov 2024 03:50	1

**ALS Houston, US**

Date: 08-Nov-24

**Client:** GHDHouston  
**Project:** Darr Angell No.2 SRS #LF 1999-62  
**WorkOrder:** HS24110262

**QC BATCH REPORT**

**Batch ID:** R499424 ( 0 )      **Instrument:** VOA4      **Method:** LOW LEVEL VOLATILES BY SW8260C

<b>MBLK</b>		Sample ID: <b>VBLKW-241107</b>		Units: <b>ug/L</b>		Analysis Date: <b>07-Nov-2024 22:01</b>			
Client ID:		Run ID: <b>VOA4_499424</b>		SeqNo: <b>8503502</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	< 1.0	1.0							
Ethylbenzene	< 1.0	1.0							
Toluene	< 1.0	1.0							
Xylenes, Total	< 3.0	3.0							
Surr: 1,2-Dichloroethane-d4	47.61	1.0	50	0	95.2	70 - 123			
Surr: 4-Bromofluorobenzene	48.14	1.0	50	0	96.3	77 - 113			
Surr: Dibromofluoromethane	50.27	1.0	50	0	101	73 - 126			
Surr: Toluene-d8	48.42	1.0	50	0	96.8	81 - 120			

<b>LCS</b>		Sample ID: <b>VLCSW-241107</b>		Units: <b>ug/L</b>		Analysis Date: <b>07-Nov-2024 20:56</b>			
Client ID:		Run ID: <b>VOA4_499424</b>		SeqNo: <b>8503500</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	18.58	1.0	20	0	92.9	74 - 120			
Ethylbenzene	19.22	1.0	20	0	96.1	77 - 117			
Toluene	19.13	1.0	20	0	95.6	77 - 118			
Xylenes, Total	62.31	3.0	60	0	104	75 - 122			
Surr: 1,2-Dichloroethane-d4	45.94	1.0	50	0	91.9	70 - 123			
Surr: 4-Bromofluorobenzene	50.08	1.0	50	0	100	77 - 113			
Surr: Dibromofluoromethane	48.14	1.0	50	0	96.3	73 - 126			
Surr: Toluene-d8	50.39	1.0	50	0	101	81 - 120			

<b>LCSD</b>		Sample ID: <b>VLCSDW-241107</b>		Units: <b>ug/L</b>		Analysis Date: <b>07-Nov-2024 21:17</b>			
Client ID:		Run ID: <b>VOA4_499424</b>		SeqNo: <b>8503501</b>		PrepDate:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	17.58	1.0	20	0	87.9	74 - 120	18.58	5.49	20
Ethylbenzene	18.82	1.0	20	0	94.1	77 - 117	19.22	2.12	20
Toluene	18.47	1.0	20	0	92.3	77 - 118	19.13	3.53	20
Xylenes, Total	60.9	3.0	60	0	102	75 - 122	62.31	2.28	20
Surr: 1,2-Dichloroethane-d4	45.68	1.0	50	0	91.4	70 - 123	45.94	0.588	20
Surr: 4-Bromofluorobenzene	50.24	1.0	50	0	100	77 - 113	50.08	0.305	20
Surr: Dibromofluoromethane	47.35	1.0	50	0	94.7	73 - 126	48.14	1.66	20
Surr: Toluene-d8	50.9	1.0	50	0	102	81 - 120	50.39	1.02	20

ALS Houston, US

Date: 08-Nov-24

**Client:** GHDHouston  
**Project:** Darr Angell No.2 SRS #LF 1999-62  
**WorkOrder:** HS24110262

**QC BATCH REPORT**

**Batch ID:** R499424 ( 0 )      **Instrument:** VOA4      **Method:** LOW LEVEL VOLATILES BY SW8260C

MS		Sample ID: HS24110262-01MS			Units: ug/L		Analysis Date: 08-Nov-2024 05:39			
Client ID: 12604523-MW-3R-20241105		Run ID: VOA4_499424			SeqNo: 8503523		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	16.84	1.0	20	0.3854	82.3	70 - 127				
Ethylbenzene	17.53	1.0	20	0.6197	84.5	70 - 124				
Toluene	16.97	1.0	20	0	84.8	70 - 123				
Xylenes, Total	55.61	3.0	60	0	92.7	70 - 130				
Surr: 1,2-Dichloroethane-d4	45.16	1.0	50	0	90.3	70 - 126				
Surr: 4-Bromofluorobenzene	50.69	1.0	50	0	101	77 - 113				
Surr: Dibromofluoromethane	47.39	1.0	50	0	94.8	77 - 123				
Surr: Toluene-d8	49.31	1.0	50	0	98.6	82 - 127				

MSD		Sample ID: HS24110262-01MSD			Units: ug/L		Analysis Date: 08-Nov-2024 06:00			
Client ID: 12604523-MW-3R-20241105		Run ID: VOA4_499424			SeqNo: 8503524		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	16.09	1.0	20	0.3854	78.5	70 - 127	16.84	4.55	20	
Ethylbenzene	17.2	1.0	20	0.6197	82.9	70 - 124	17.53	1.87	20	
Toluene	16.55	1.0	20	0	82.8	70 - 123	16.97	2.49	20	
Xylenes, Total	54.42	3.0	60	0	90.7	70 - 130	55.61	2.17	20	
Surr: 1,2-Dichloroethane-d4	45.67	1.0	50	0	91.3	70 - 126	45.16	1.12	20	
Surr: 4-Bromofluorobenzene	50.14	1.0	50	0	100	77 - 113	50.69	1.08	20	
Surr: Dibromofluoromethane	47.67	1.0	50	0	95.3	77 - 123	47.39	0.59	20	
Surr: Toluene-d8	49.78	1.0	50	0	99.6	82 - 127	49.31	0.957	20	

The following samples were analyzed in this batch:

HS24110262-01	HS24110262-02	HS24110262-03	HS24110262-04
HS24110262-05	HS24110262-06	HS24110262-07	HS24110262-08
HS24110262-09	HS24110262-10	HS24110262-11	

**ALS Houston, US**

Date: 08-Nov-24

**Client:** GHDHouston  
**Project:** Darr Angell No.2 SRS #LF 1999-62  
**WorkOrder:** HS24110262

**QUALIFIERS,  
ACRONYMS, UNITS**

<b>Qualifier</b>	<b>Description</b>
*	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

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

<b>Unit Reported</b>	<b>Description</b>
mg/L	Milligrams per Liter

ALS Houston, US

Date: 08-Nov-24

**CERTIFICATIONS,ACCREDITATIONS & LICENSES**

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2024
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025



ALS Houston, US

Date: 08-Nov-24

Sample Receipt Checklist

Work Order ID: HS24110262

Date/Time Received: 06-Nov-2024 09:25

Client Name: GHDHouston

Received by: Jacob Coronado

Completed By: <u>/S/ Travis Appling</u>	06-Nov-2024 12:48	Reviewed by: <u>/S/ Alexis Dorenbosch</u>	06-Nov-2024 14:30
eSignature	Date/Time	eSignature	Date/Time

Matrices: **W**

Carrier name: **FedEx**

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- VOA/TX1005/TX1006 Solids in hermetically sealed vials? Yes  No  Not Present
- Chain of custody present? Yes  No  2 Page(s)
- Chain of custody signed when relinquished and received? Yes  No  COC IDs:329772, 329771
- Samplers name present on COC? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No

Temperature(s)/Thermometer(s):	1.9UC/ 1.9C	IR34
Cooler(s)/Kit(s):	48207	
Date/Time sample(s) sent to storage:	11/6/2024 12:49	
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

# Chain of Custody Form



COC ID: 329772

GHDHouston  
12604523 - Darr Angell No.2



ALS Project Manager:

Customer Information		Project Information		
Purchase Order	SSOW-12604523-2023.1-2024-02	Project Name	Darr Angell No.2 SRS #LF 1999-62	A 8260_LL_W(8260 3TEX)
Work Order		Project Number	SRS #LF 1999-62	B
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C
Send Report To	Chris Knight	Invoice Attn	Kerolanne Hudgens	D
Address	11451 Katy Fwy	Address	c/o ENV-00, Accounts Payable	E
	Suite 400		P.O. Box 4648	F
City/State/Zip	Houston, TX 77079	City/State/Zip	Houston TX 77210-4648	G
Phone	(713) 734-3090	Phone	(713) 646-4610	H
Fax	(713) 734-3391	Fax	(713) 646-4199	I
e-Mail Address	Christopher.Knight@ghd.com	e-Mail Address	Kerolanne.hudgens@plains.com	J

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12604523-MW-3R-20241105	11-05-24	11:55	GW	Ice	3	✓										
2	12604523-MW-4R-20241105	11-05-24	12:29	GW	Ice	3	✓										
3	12604523-MW-6R-20241105	11-05-24	13:44	GW	Ice	3	✓										
4	12604523-MW-7R-20241105	11-05-24	14:10	GW	Ice	3	✓										
5	12604523-MW-8R-20241105	11-05-24	13:05	GW	Ice	3	✓										
6	12604523-MW-9R-20241105	11-05-24	10:50	GW	Ice	3	✓										
7	12604523-MW-10R-20241105	11-5-24	11:12	GW	Ice	3	✓										
8	12604523-MW-12-20241105	11-05-24	11:35	GW	Ice	3	✓										
9	12604523-MW-13-20241105	11-05-24	12:40	GW	Ice	3	✓										
10	12604523-DYP-01-20241105	11-05-24	-	GW	Ice	3	✓										

<b>Sampler(s) Please Print &amp; Sign</b> Krystle Fitzgerald KB    Jairo Flores		<b>Shipment Method</b>	<b>Required Turnaround Time: (Check Box)</b> <input checked="" type="checkbox"/> STD 10 Wk Days <input type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour	<b>Results Due Date:</b>
<b>Relinquished by:</b> [Signature]	<b>Date:</b> 11-5-24 <b>Time:</b> 15:00	<b>Received by:</b>	<b>Notes:</b> 12604523 - Darr Angell No.2	
<b>Relinquished by:</b> [Signature]	<b>Date:</b> 11/6/24 <b>Time:</b> 09:25	<b>Received by (Laboratory):</b> [Signature]	<b>Cooler ID:</b> 98207	<b>Cooler Temp:</b> 1.9
<b>Logged by (Laboratory):</b>	<b>Date:</b> <b>Time:</b>	<b>Checked by (Laboratory):</b>	<b>QC Package: (Check One Box Below)</b> <input checked="" type="checkbox"/> Level II Std. QC <input type="checkbox"/> TRRP Checklist <input type="checkbox"/> Level II Std. OC/RAW Date <input type="checkbox"/> TRRP Level IV <input type="checkbox"/> Level IV SW-B/CLP Other:	
<b>Preservative Key:</b> 1-HCl    2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH    5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other    8-4°C    9-5035				

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.  
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.  
 3. The Chain of Custody is a legal document. All information must be completed accurately.

1179

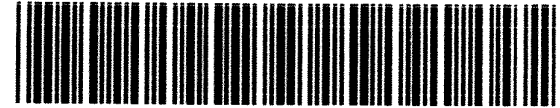
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# Chain of Custody Form



COC ID: 329771

GHDHouston  
12604523 - Darr Angell No.2



ALS Project Manager:

Customer Information		Project Information		
Purchase Order	SSOW-12604523-2023.1-2024-02	Project Name	Darr Angell No.2 SRS #LF 1999-62	A 8260_LL_W (8260 STEX)
Work Order		Project Number	SRS #LF 1999-62	B
Company Name	GHD	Bill To Company	Plains All American Pipeline LP	C
Send Report To	Chris Knight	Invoice Attn	Karolanne Hudgens	D
Address	11451 Katy Fwy Suite 400	Address	c/o ENV-00, Accounts Payable P.O. Box 4648	E
				F
City/State/Zip	Houston, TX 77079	City/State/Zip	Houston TX 77210-4648	G
Phone	(713) 734-3090	Phone	(713) 646-4610	H
Fax	(713) 734-3391	Fax	(713) 646-4199	I
e-Mail Address	Christopher.Knight@ghd.com	e-Mail Address	Karolanne.hudgens@plains.com	J

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	126045 Trip Blank	-	-	-	1cc	2	✓										
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

**Sampler(s) Please Print & Sign**  
*Krista Fisher* *Jairo Flores*

**Shipment Method**

**Required Turnaround Time: (Check Box)**  
 STD: 10 Wk Days  5 Wk Days  2 Wk Days  24 Hour

**Results Due Date:**

Relinquished by: *[Signature]* Date: 11-5-24 Time: 28:00 Received by: \_\_\_\_\_ Notes: 12604523 - Darr Ange I No.2

Relinquished by: \_\_\_\_\_ Date: 11/6/24 Time: 0925 Received by (Laboratory): \_\_\_\_\_

Logged by (Laboratory): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Checked by (Laboratory): \_\_\_\_\_


**Preservative Key:** 1-HCl 2-HNO<sub>3</sub> 3-H<sub>2</sub>SO<sub>4</sub> 4-NaOH 5-Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> 6-NaHSO<sub>4</sub> 7-Other 8-4°C 9-5035


**Cooler ID:** 48207 **Cooler Temp.:** 1.9

**QC Package: (Check One Box Below)**  
 Level II Std CL  TRRP Checklist  
 Level II Std GC/Raw Data  TRRP Level IV  
 Level II SWB/CLP  
 Other \_\_\_\_\_

- Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.  
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.  
 3. The Chain of Custody is a legal document. All information must be completed accurately.

1134

 <b>ALS</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	<b>CUSTODY SEAL</b>		Seal Broken By:
	Date: 11-5-24	Time: 17:11	Date:
	Name: Jairo F.	Company: GHD	

 <b>ALS</b> 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	<b>CUSTODY SEAL</b>	
	Date: 11-5-24	Time: 17:11
	Name: Jairo F.	Company: GHD

Seal Broken By:
Date:



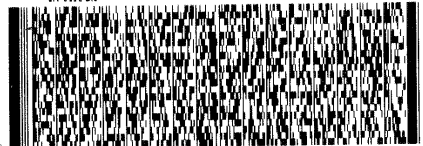
ORIGIN ID: SGRA (713) 734-3090  
 JAIRO FLORES  
 GHD  
 2135 S LOOP 250 WEST  
 MIDLAND, TX 79703  
 UNITED STATES US

SHIP DATE: 26OCT24  
 ACTWGT: 1.00 LB MAN  
 CAD: 0221247/CAFE3855

TO **SAMPLE RECEIVING**  
**ALS GROUP USA, CORP**  
**10450 STANCLIFF ROAD**  
**SUITE 210**  
**HOUSTON TX 77099**

(281) 530-5656  
 REF: DARR ANGELL - B0104140 - LA

RMA: ||| ||| |||



**FedEx**  
Express

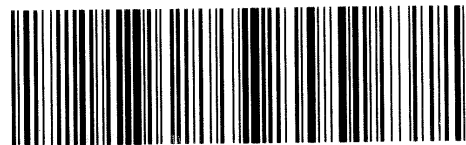


**FedEx**  
7386 7928 3667

**WED - 06 NOV 10:30A**  
**PRIORITY OVERNIGHT**

**AB SGRA**

**77099**  
TX - US IAN



#5484731 11/05 5BCJ4/F74C/C6C4



Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 498428

**CONDITIONS**

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID: 34053
	Action Number: 498428
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

**CONDITIONS**

Created By	Condition	Condition Date
shanna.smith	Pursuant to 19.15.30 NMAC, update Stage 2 Abatement Plan dated September 2002. Plan will be submitted as a report by October 24, 2025.	9/24/2025
shanna.smith	Pursuant to 19.15.30.13 C.2.a "site investigation should define the vertical and horizontal extent and magnitude of vadose zone and ground-water contamination". The release site is not fully delineated.	9/24/2025
shanna.smith	Pursuant to 19.15.30.11 Subsection A states "Unless otherwise provided by 19.15.30 NMAC responsible persons who are abating, or who are required to abate, water pollution in excess of the standards and requirements set forth in 19.15.30.9 NMAC shall do so pursuant to an abatement plan the director approves. When the director has approved an abatement plan, the responsible person's actions leading to and including abatement shall be consistent with the abatement plan's terms and conditions."	9/24/2025
shanna.smith	Pursuant to 19.15.30.11 Subsection B paragraph 3 states "If the director determines that the designated responsible person has failed to conduct the actions 19.15.30 NMAC requires, the director shall notify all responsible persons of this failure in writing and allow them 30 days, or longer for good cause shown, to conduct the required actions before setting a show cause hearing requiring those responsible persons to appear and show cause why they should not be ordered to comply, a penalty should not be assessed, a civil action should not be commenced in district court or the division should not take other appropriate action."	9/24/2025
shanna.smith	Continue submitting quarterly monitoring and sampling reports.	9/24/2025
shanna.smith	14 monitor wells out of 23 monitor wells contain NAPL or contained NAPL before going dry. 8 recovery wells have 1.27' to 7.23' NAPL after 26 years.	9/24/2025
shanna.smith	Continue to sample for BTEX EPA Method 8260 and add Total Dissolved Solids (TDS) and pH to sampling events/plan for all wells applicable.	9/24/2025
shanna.smith	2024 AGWMR approval does not relieve the owner/operator of responsibility for compliance with OCD, federal, state, or local laws and/or regulations.	9/24/2025