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REVIEWED
By Mike Buchanan at 3:10 pm, Jun 28, 2024

Review of the 2023 Annual Groundwater Monitoring Report for Darr Angell No. 1: Content Satisfactory
1. May transition groundwater monitoring to a semi-annual schedule until COCs are demonstrating allowable concentrations per the WQCC, then transition to quarterly again.
2. Analyze samples for BTEX EPA Method 8021B for all wells.
3. Continue to conduct O&M for the trailer mounted remediation system and utilize as prescribed.
4. Submit the 2024 Annual Report by April 1, 2025.

Your ref: AP-007
Our ref: 12604521-Buchanan-1

May 10, 2024

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

2023 Annual Groundwater Monitoring Report
Darr Angell No. 1
Plains All American Pipeline, L.P.
Lea County, New Mexico
New Mexico Oil Conservation Division Abatement Permit No. AP-007
Incident Number nAPP2108851028

Dear Mr. Buchanan:

On behalf of Plains All American Pipeline, L.P. (Plains), GHD Services Inc. (GHD) is submitting the 2023 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 2023 in accordance with the NMOCD's recommendations in response to the 2022 Annual Groundwater Monitoring Report.

Should you have any questions or comments regarding this submittal, please contact the undersigned.

Regards,

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Project Manager

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HM/mss/1

Encl. 2023 Annual Groundwater Monitoring Report

2023 Annual Groundwater Monitoring Report

Darr Angell No. 1
Lea County, New Mexico
NMOCD AP-007
Incident ID #: nAPP2108851028

Plains All American Pipeline, L.P.

May 10, 2024

→ **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 2023 at the Plains All American Pipeline, L.P. (Plains) Darr Angell No. 1 release site (Site) by GHD Services, Inc. (GHD). The Site is located approximately 11.9 miles northeast of Lovington in the NW ¼, SE ¼, Section 11, Township 15 South, Range 37 East in Lea County, New Mexico (Site). The coordinates of this Site are 33.0266°N and 103.1666°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 nAPP2108851028.

A crude oil release occurred on May 1, 1997, from an 8-inch Enron Oil Trading and Transportation (EOTT) pipeline. The cause of the release was reportedly due to internal pipeline corrosion. On May 5, 1997, an Initial Release Notification and Corrective Action, Form C-141 was submitted to the NMOCD and the release was assigned AP No. AP-007. The Form C-141 reported the release of approximately 25 barrels (bbls) of crude oil with 15 bbls recovered during initial response actions. A copy of the Release Notification and Corrective Action, Form C-141 is attached as Appendix A.

On May 29, 2004, Nova Training and Environmental (NOVA) assumed Site groundwater project management and remediation responsibilities. NOVA installed 30 monitoring and recovery wells (MW-1 through MW-20 and RW-1 through RW-10) at the site 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 May 2, 2011, Conestoga Rovers and 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 plugging and abandonment (P&A) of three monitoring wells (MW-17, MW-19, MW-20) and the installation of three new monitoring wells (MW-17R, MW-19R, MW-20R) and two recovery wells (RW-13, RW-14) to further delineate the extent of the LNAPL plume and COCs in groundwater. In February 2017, GHD provided oversight of the P&A of four monitoring wells (MW-12, MW-15, MW-16, MW-18) and the installation of five new monitoring wells (MW-12R, MW-16R, MW-8R, MW-22, and MW-23) and one recovery well (RW-12). In February and March 2020, GHD provided oversight to the plugging and abandonment of five monitoring wells (MW-3, MW-11, MW-13, MW-14, MW-21) and two recovery wells (RW-1, RW-2) and the installation of four monitoring wells (MW-11R, MW-21R, MW-24, MW-25) and six recovery wells (RW-1R, RW-15, RW-16, RW-17, RW-18, RW-19) 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 and New Mexico Office of the State Engineer (NMOSE) approval.

Currently, the Site has a network of thirty-nine (39) monitoring and recovery wells which are monitored quarterly 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 PAH by the United States Environmental Protection Agency (EPA) 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 compounds being below the New Mexico Water Quality Control Commission (NMWQCC) standards and below 0.001 mg/L for PAH compounds with no NMWQCC standard, as required by the NMOCD. Groundwater samples were not collected for analysis of PAHs in 2023 due to the absence of monitoring and recovery well analytical results meeting the criteria of two consecutive years with concentrations less than the NMWQCC Human Health Standard. Historical PAH data is summarized in Table 3.

2. Groundwater Monitoring

Quarterly groundwater monitoring events were performed on February 8 – 10 and 13, May 4 – 5, August 8 – 10, and November 8 – 9, 2023. The monitoring program included quarterly groundwater gauging and sampling of monitoring and recovery wells.

2.1 Monitoring Well Gauging

On February 8 – 9, May 4, August 9, and November 8, 2023, 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 2023, groundwater flow is generally southeast and is consistent with historical data for the Site. The groundwater gradient was calculated at 0.0010 foot per linear foot (ft/ft) in February, 0.0011 ft/ft in May, 0.00079 ft/ft in August, and 0.0012 ft/ft in November. The potentiometric surface indicates groundwater elevations declined an average of 0.69 ft. between November 2022 and November 2023. 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.

Fourteen (MW-5, MW-8, MW-9, MW-23, RW-1R, RW-9, RW-11, RW-13, RW-14, RW-15, RW-16, RW-17, RW-18, RW-19) of the thirty-nine monitoring and recovery wells at the Site contained LNAPL throughout 2023 with measurable thicknesses ranging from 0.01 feet (ft.) in MW-8 during September 2023 to 6.51 ft. in RW-17 during November 2023. LNAPL thickness declined an average of 0.66 ft. between November 2022 and November 2023. 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 2023, GHD personnel utilized clean, disposable, polyvinyl chloride (PVC) bailers 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, 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. Samples collected for each quarterly monitoring event were submitted for analysis of BTEX by EPA Method SW846-8021B. Monitoring well MW-7 was only sampled during the second and fourth quarterly events due to a semi-annual sampling schedule approved by the NMOCD.

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 submitted 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 (20.6.2.3103 NMAC).

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 2023 are included in Appendix B. COC concentration maps are presented as Figures 7 through 10. Analytical results are summarized as follows:

– Benzene, 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 of 2023.

3. Remediation Activities

GHD field personnel conducted weekly LNAPL abatement via hand bailing or monsoon pump on monitoring and recovery wells containing LNAPL. During each weekly abatement event, GHD personnel measured the depth to groundwater using an IP. The IP was cleaned with laboratory grade soap and purified water prior to gauging each monitoring well. Following gauging, GHD personnel utilized PVC bailers to purge three well volumes of groundwater in monitoring or recovery wells that did not have pumps installed and had ≥ 1.0 ft. of LNAPL on the groundwater. Purged water recovered during the abatement events was placed into the Site's above-ground storage tank (AST) for disposal. Purge water was periodically transported off-Site to a NMOCD-approved disposal facility. Disposal records are available upon request. Approximately 715 gallons of LNAPL was recovered during 2023.

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-13, RW-16, and RW-18 throughout 2023. The fourth pump did not operate during 2023 and is presently being evaluated for repairs and/or replacement. 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. For 2023, the remediation system operated for 101 days with approximately 1,400 gallons of LNAPL and approximately 12,414 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 fourteen of the thirty-nine monitoring and recovery wells at the Site with thicknesses ranging from 0.01 ft. in MW-8 during September 2023 to 6.51 ft. during RW-17 in November 2023. Overall, the LNAPL thickness decreased by a net average of 0.66 ft. between November 2022 and November 2023.
– The potentiometric surface indicates groundwater elevations have declined an average of 0.69 ft. between November 2022 and November 2023.
– BTEX concentrations were below NMWQCC criteria for all monitoring and recovery wells sampled during the quarterly events in 2023.

- Weekly LNAPL abatement was conducted during 2023 with approximately 715 gallons of LNAPL recovered.
- The on-Site remediation system operated for 101 days. Remediation pumps operated in three recovery wells and recovered approximately 1,400 gallons of LNAPL.

4.2 Recommendations

Based on the results of the 2023 groundwater monitoring events, GHD recommends the following in 2024:

- Modify sampling plan from a quarterly to a semi-annual sampling schedule. Perform semi-annual groundwater monitoring events for sampling of groundwater and analysis of BTEX by EPA Method SW846 8021B 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.

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-1	1/8/20	3790.02	--	--	--	--	--
MW-1	1/15/20	3790.02	--	--	--	--	--
MW-1	1/29/20	3790.02	--	--	--	--	--
MW-1	2/11/20	3790.02	LNAPL	66.85	2.05	--	68.90
MW-1	4/28/20	3790.02	LNAPL	66.17	1.93	--	68.10
MW-1	5/12/20	3790.02	LNAPL	67.17	1.73	--	68.90
MW-1	6/19/20	3790.02	LNAPL	67.25	1.65	--	68.90
MW-1	7/29/20	3790.02	LNAPL	67.36	1.84	--	69.20
MW-1	8/27/20	3790.02	LNAPL	67.41	1.60	--	69.01
MW-1	9/14/20	3790.02	LNAPL	66.48	1.85	--	68.33
MW-1	10/29/20	3790.02	LNAPL	66.59	1.77	--	68.36
MW-1	12/7/20	3790.02	LNAPL	67.63	1.45	--	69.08
MW-1	1/25/21	3790.02	LNAPL	67.77	1.25	--	69.02
MW-1	2/8/21	3790.02	LNAPL	67.80	1.51	--	69.31
MW-1	3/22/21	3790.02	LNAPL	66.90	1.42	--	68.32
MW-1	5/3/21	3790.02	LNAPL	68.00	1.02	--	69.02
MW-1	5/10/21	3790.02	LNAPL	67.99	1.31	--	69.30
MW-1	7/28/21	3790.02	LNAPL	68.19	0.83	--	69.02
MW-1	8/10/21	3790.02	LNAPL	67.21	2.10	--	69.31
MW-1	9/29/21	3790.02	LNAPL	68.33	0.98	--	69.31
MW-1	10/27/21	3790.02	LNAPL	68.37	0.94	--	69.31
MW-1	11/10/21	3790.02	LNAPL	68.37	0.94	--	69.31
MW-1	12/21/21	3790.02	LNAPL	68.49	0.82	--	69.31
MW-1	1/24/22	3790.02	LNAPL	68.63	0.68	--	69.31
MW-1	2/10/22	3790.02	LNAPL	68.58	0.72	--	69.30
MW-1	3/10/22	3790.02	LNAPL	67.68	1.62	--	69.30
MW-1	3/10/22	3790.02	LNAPL	68.02	1.28	--	69.30
MW-1	3/17/22	3790.02	LNAPL	67.68	1.62	--	69.30
MW-1	3/25/22	3790.02	LNAPL	67.72	0.23	--	67.95
MW-1	3/31/22	3790.02	Dry	--	--	--	67.95
MW-1	4/7/22	3790.02	LNAPL	67.72	0.59	--	68.31
MW-1	4/13/22	3790.02	Dry	--	--	--	67.95
MW-1	4/21/22	3790.02	69.30	68.98	0.32	3720.98	67.95
MW-1	4/25/22	3790.02	LNAPL	68.98	0.35	--	69.33
MW-1	5/4/22	3790.02	LNAPL	68.76	0.54	--	69.30
MW-1	6/14/22	3790.02	LNAPL	68.84	0.46	--	69.30
MW-1	7/26/22	3790.02	LNAPL	68.91	0.07	--	68.98
MW-1	8/23/22	3790.02	Dry	--	--	--	69.30
MW-1	11/7/22	3790.02	69.41	69.23	0.18	3720.76	69.30
MW-1	2/9/23	3790.02	Dry	--	--	--	67.02
MW-1	5/4/23	3790.02	Dry	--	--	--	68.02
MW-1	8/9/23	3790.02	Dry	--	--	--	--
MW-1	11/8/23	3790.02	--	--	--	--	--
MW-2	2/11/20	3790.83	67.61	--	--	3723.22	74.01
MW-2	3/17/20	3790.83	--	--	--	--	--
MW-2	4/28/20	3790.83	68.06	--	--	3722.77	--
MW-2	5/12/20	3790.83	67.92	--	--	3722.91	--
MW-2	6/19/20	3790.83	67.83	--	--	3723.00	--
MW-2	7/29/20	3790.83	68.12	--	--	3722.71	--
MW-2	8/27/20	3790.83	68.18	--	--	3722.65	--
MW-2	9/14/20	3790.83	68.22	--	--	3722.61	--
MW-2	10/29/20	3790.83	68.30	--	--	3722.53	--
MW-2	12/7/20	3790.83	68.21	--	--	3722.62	--
MW-2	1/25/21	3790.83	68.32	--	--	3722.51	--
MW-2	2/8/21	3790.83	68.36	--	--	3722.47	71.49
MW-2	3/22/21	3790.83	68.64	--	--	3722.19	--
MW-2	5/3/21	3790.83	68.53	--	--	3722.30	--
MW-2	5/10/21	3790.83	67.83	--	--	3723.00	--
MW-2	7/28/21	3790.83	68.93	--	--	3721.90	--
MW-2	8/10/21	3790.83	68.95	--	--	3721.88	71.53
MW-2	9/29/21	3790.83	69.08	--	--	3721.75	71.53
MW-2	10/27/21	3790.83	69.12	--	--	3721.71	71.53
MW-2	11/10/21	3790.83	69.12	--	--	3721.71	71.53
MW-2	12/21/21	3790.83	69.20	--	--	3721.63	71.53
MW-2	1/24/22	3790.83	69.27	--	--	3721.56	71.53
MW-2	2/10/22	3790.83	69.32	--	--	3721.51	71.55
MW-2	3/17/22	3790.83	69.42	--	--	3721.41	71.55
MW-2	4/13/22	3790.83	69.53	--	--	3721.30	71.55
MW-2	5/4/22	3790.83	69.52	--	--	3721.31	71.55
MW-2	6/14/22	3790.83	69.61	--	--	3721.22	71.55
MW-2	7/26/22	3790.83	69.69	--	--	3721.14	71.55
MW-2	8/22/22	3790.83	69.74	--	--	3721.09	71.55
MW-2	11/7/22	3790.83	Dry	--	--	--	71.55
MW-2	2/9/23	3790.83	70.13	--	--	3720.70	71.82
MW-2	5/4/23	3790.83	Dry	--	--	--	71.82
MW-2	8/9/23	3790.83	70.49	--	--	3720.34	--
MW-2	11/8/23	3790.83	70.68	--	--	3720.15	--
MW-3	2/19/20	P&A	--	--	--	--	--
MW-4	2/11/20	3792.51	69.06	--	--	3723.45	74.09
MW-4	4/28/20	3792.51	69.21	--	--	3723.30	--
MW-4	5/12/20	3792.51	69.24	--	--	3723.27	--
MW-4	6/19/20	3792.51	69.34	--	--	3723.17	--
MW-4	7/29/20	3792.51	69.40	--	--	3723.11	--
MW-4	8/27/20	3792.51	69.48	--	--	3723.03	--
MW-4	9/14/20	3792.51	69.52	--	--	3722.99	--
MW-4	10/29/20	3792.51	69.61	--	--	3722.90	69.94
MW-4	12/7/20	3792.51	69.70	--	--	3722.81	--
MW-4	1/25/21	3792.51	69.81	--	--	3722.70	--
MW-4	2/8/21	3792.51	69.85	--	--	3722.66	69.95
MW-4	3/22/21	3792.51	Dry	--	--	--	69.96
MW-4	5/3/21	3792.51	70.04	--	--	3722.47	-
MW-4	5/10/21	3792.51	Dry	--	--	--	69.95
MW-4	7/28/21	3792.51	Dry	--	--	--	69.94
MW-4	8/10/21	3792.51	70.27	--	--	3722.24	71.77
MW-4	9/29/21	3792.51	69.90	--	--	3722.61	69.95
MW-4	10/27/21	3792.51	Dry	--	--	--	69.95
MW-4	11/10/21	3792.51	Dry	--	--	--	69.95
MW-4	12/21/21	3792.51	Dry	--	--	--	69.95
MW-4	1/24/22	3792.51	Dry	--	--	--	69.95
MW-4	2/25/22	3792.51	Dry	--	--	--	69.94
MW-4	3/17/22	3792.51	Dry	--	--	--	69.94
MW-4	4/13/22	3792.51	Dry	--	--	--	69.94
MW-4	5/4/22	3792.51	Dry	--	--	--	69.94
MW-4	6/14/22	3792.51	Dry	--	--	--	69.94
MW-4	7/26/22	3792.51	Dry	--	--	--	69.94
MW-4	8/22/22	3792.51	Dry	--	--	--	69.94
MW-4	11/7/22	3792.51	Dry	--	--	--	69.94
MW-4	2/9/23	3792.51	Dry	--	--	--	69.96
MW-4	5/4/23	3792.51	Dry	--	--	--	69.96
MW-4	8/9/23	3792.51	71.81	--	--	3720.70	--
MW-4	11/8/23	3792.51	--	--	--	--	--
MW-5	1/29/20	3789.50	--	--	--	--	--
MW-5	2/11/20	3789.50	67.76	66.84	0.92	3722.49	73.85
MW-5	4/28/20	3789.50	69.07	66.74	2.33	3722.32	--
MW-5	5/12/20	3789.50	69.26	66.70	2.56	3722.31	--
MW-5	6/19/20	3789.50	69.94	66.66	3.28	3722.22	--
MW-5	7/29/20	3789.50	70.70	66.62	4.08	3722.10	--
MW-5	8/27/20	3789.50	71.16	66.59	4.57	3722.04	--
MW-5	9/14/20	3789.50	LNAPL	66.58	4.73	--	71.31
MW-5	10/29/20	3789.50	LNAPL	66.47	4.88	--	71.35
MW-5	12/7/20	3789.50	LNAPL	66.49	4.98	--	71.47
MW-5	1/25/21	3789.50	LNAPL	66.61	4.68	--	71.29
MW-5	2/8/21	3789.50	LNAPL	66.64	4.66	--	71.3
MW-5	3/22/21	3789.50	LNAPL	66.71	4.59	--	71.3
MW-5	5/3/21	3789.50	71.28	66.80	4.48	3721.85	--
MW-5	5/10/21	3789.50	LNAPL	66.82	4.48	--	71.30
MW-5	7/28/21	3789.50	LNAPL	66.99	4.31	--	71.30
MW-5	8/10/21	3789.50	LNAPL	67.01	4.29	--	71.30
MW-5	9/29/21	3789.50	LNAPL	67.10	4.20	--	71.30
MW-5	10/27/21	3789.50	LNAPL	67.18	4.12	--	71.30
MW-5	11/10/21	3789.50	LNAPL	67.20	4.10	--	71.30
MW-5	12/21/21	3789.50	LNAPL	67.28	4.02	--	71.30

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-5	1/24/22	3789.50	LNAPL	67.33	3.97	--	71.30
MW-5	2/10/22	3789.50	LNAPL	67.36	3.92	--	71.28
MW-5	3/10/22	3789.50	LNAPL	67.46	3.82	--	71.28
MW-5	3/10/22	3789.50	Dry	--	--	--	71.28
MW-5	3/17/22	3789.50	--	--	--	--	--
MW-5	3/25/22	3789.50	LNAPL	68.05	3.23	--	71.28
MW-5	3/25/22	3789.50	70.35	70.10	0.25	3719.35	71.28
MW-5	3/31/22	3789.50	69.97	68.37	1.60	3720.83	71.28
MW-5	3/31/22	3789.50	70.41	70.06	0.35	3719.37	71.28
MW-5	4/7/22	3789.50	69.52	68.43	1.09	3720.86	71.28
MW-5	4/7/22	3789.50	70.45	70.21	0.24	3719.24	71.28
MW-5	4/13/22	3789.50	69.57	68.50	1.07	3720.80	71.28
MW-5	4/21/22	3789.50	69.86	68.47	1.39	3720.77	71.28
MW-5	4/21/22	3789.50	69.76	69.55	0.21	3719.91	71.28
MW-5	5/4/22	3789.50	69.84	68.48	1.36	3720.76	71.28
MW-5	6/14/22	3789.50	LNAPL	67.99	3.29	--	71.28
MW-5	6/30/22	3789.50	LNAPL	67.90	3.38	--	71.28
MW-5	6/30/22	3789.50	LNAPL	69.78	1.50	--	71.28
MW-5	7/7/22	3789.50	70.89	68.42	2.47	3720.61	71.28
MW-5	7/7/22	3789.50	71.12	70.18	0.94	3719.14	71.28
MW-5	7/20/22	3789.50	70.37	68.52	1.85	3720.63	71.28
MW-5	7/20/22	3789.50	70.34	70.13	0.21	3719.33	71.28
MW-5	7/26/22	3789.50	69.78	69.58	0.20	3719.88	71.28
MW-5	8/8/22	3789.50	70.31	68.59	1.72	3720.58	71.28
MW-5	8/8/22	3789.50	70.02	69.59	0.43	3719.83	71.28
MW-5	8/23/22	3789.50	70.16	68.68	1.48	3720.54	71.28
MW-5	8/29/22	3789.50	70.51	68.61	1.90	3720.53	71.28
MW-5	9/6/22	3789.50	69.67	68.81	0.86	3720.53	71.28
MW-5	9/12/22	3789.50	70.25	68.78	1.47	3720.44	71.28
MW-5	9/12/22	3789.50	70.72	69.69	1.03	3719.61	71.28
MW-5	9/19/22	3789.50	70.23	68.71	1.52	3720.50	71.28
MW-5	9/19/22	3789.50	70.35	69.73	0.62	3719.65	71.28
MW-5	10/10/22	3789.50	71.32	68.64	2.68	3720.35	71.28
MW-5	10/10/22	3789.50	70.45	69.92	0.53	3719.48	71.28
MW-5	10/17/22	3789.50	70.65	68.04	2.61	3720.96	71.28
MW-5	10/17/22	3789.50	70.11	69.84	0.27	3719.61	71.28
MW-5	10/23/22	3789.50	71.17	68.59	2.58	3720.42	71.28
MW-5	10/23/22	3789.50	71.14	70.36	0.78	3718.99	71.28
MW-5	11/7/22	3789.50	69.85	68.98	0.87	3720.35	71.28
MW-5	11/21/22	3789.50	70.37	68.89	1.48	3720.33	71.28
MW-5	12/2/22	3789.50	69.89	69.04	0.85	3720.30	71.28
MW-5	12/5/22	3789.50	69.96	69.02	0.94	3720.30	71.28
MW-5	12/12/22	3789.50	69.83	69.12	0.71	3720.25	71.28
MW-5	12/20/22	3789.50	69.93	69.11	0.82	3720.23	71.28
MW-5	1/16/23	3789.50	69.78	69.12	0.66	3720.25	71.28
MW-5	2/9/23	3789.50	70.16	69.13	1.03	3720.17	71.28
MW-5	2/27/23	3789.50	70.69	69.07	1.62	3720.12	71.28
MW-5	3/23/23	3789.50	70.47	69.26	1.21	3720.01	71.28
MW-5	3/30/23	3789.50	Dry	--	--	--	71.28
MW-5	4/4/23	3789.50	70.73	69.13	1.60	3720.07	71.28
MW-5	4/10/23	3789.50	70.89	69.11	1.78	3720.05	71.28
MW-5	5/4/23	3789.50	70.49	68.23	2.26	3720.84	71.28
MW-5	5/18/23	3789.50	71.12	69.18	1.94	3719.95	71.28
MW-5	6/15/23	3789.50	71.10	69.21	1.89	3719.93	71.28
MW-5	6/19/23	3789.50	71.12	69.19	1.93	3719.94	71.28
MW-5	7/11/23	3789.50	71.09	69.26	1.83	3719.89	71.28
MW-5	7/17/23	3789.50	71.02	69.14	1.88	3720.00	71.28
MW-5	7/31/23	3789.50	--	69.34	2.05	--	71.39
MW-5	8/9/23	3789.50	Dry	--	--	--	--
MW-5	8/15/23	3789.50	71.13	69.26	1.87	3719.89	--
MW-5	8/21/23	3789.50	71.16	69.32	1.84	3719.83	--
MW-5	8/29/23	3789.50	--	69.13	2.22	--	71.35
MW-5	9/5/23	3789.50	--	69.17	2.18	--	71.35
MW-5	9/11/23	3789.50	--	69.07	2.28	--	71.35
MW-5	9/18/23	3789.50	--	69.10	2.28	--	71.38
MW-5	9/26/23	3789.50	--	69.06	2.32	--	71.38
MW-5	10/2/23	3789.50	--	69.02	2.36	--	71.38
MW-5	10/9/23	3789.50	--	69.08	2.27	--	71.35
MW-5	10/16/23	3789.50	--	69.09	2.30	--	71.39
MW-5	10/26/23	3789.50	--	69.10	2.29	--	71.39
MW-5	10/30/23	3789.50	--	69.11	2.27	--	71.38
MW-5	11/8/23	3789.50	71.28	69.12	2.16	3719.97	--
MW-5	11/27/23	3789.50	--	69.07	2.31	--	71.38
MW-5	12/4/23	3789.50	--	69.07	2.31	--	71.38
MW-5	12/18/23	3789.50	--	69.13	2.25	--	71.38
MW-6	2/11/20	3789.27	67.01	-	--	3722.26	74.3
MW-6	3/17/20	3789.27	--	--	--	--	--
MW-6	4/28/20	3789.27	67.19	--	--	3722.08	--
MW-6	5/12/20	3789.27	67.20	--	--	3722.07	--
MW-6	6/19/20	3789.27	67.28	--	--	3721.99	--
MW-6	7/29/20	3789.27	67.43	--	--	3721.84	--
MW-6	8/27/20	3789.27	67.42	--	--	3721.85	--
MW-6	9/14/20	3789.27	67.45	--	--	3721.82	--
MW-6	10/29/20	3789.27	67.55	--	--	3721.72	--
MW-6	12/7/20	3789.27	67.63	--	--	3721.64	--
MW-6	1/25/21	3789.27	67.73	--	--	3721.54	--
MW-6	2/8/21	3789.27	67.79	--	--	3721.48	71.55
MW-6	3/22/21	3789.27	67.87	--	--	3721.40	--
MW-6	5/3/21	3789.27	67.95	--	--	3721.32	--
MW-6	5/10/21	3789.27	67.97	--	--	3721.30	--
MW-6	7/28/21	3789.27	68.15	--	--	3721.12	--
MW-6	8/10/21	3789.27	68.18	--	--	3721.09	71.68
MW-6	9/29/21	3789.27	68.29	--	--	3720.98	71.68
MW-6	10/27/21	3789.27	68.34	--	--	3720.93	71.68
MW-6	11/10/21	3789.27	68.35	--	--	3720.92	71.68
MW-6	12/21/21	3789.27	68.44	--	--	3720.83	71.68
MW-6	1/24/22	3789.27	68.52	--	--	3720.75	71.68
MW-6	2/10/22	3789.27	68.53	--	--	3720.74	71.70
MW-6	3/17/22	3789.27	68.62	--	--	3720.65	71.70
MW-6	4/13/22	3789.27	68.73	--	--	3720.54	71.70
MW-6	5/4/22	3789.27	68.71	--	--	3720.56	71.70
MW-6	6/14/22	3789.27	68.82	--	--	3720.45	71.70
MW-6	6/30/22	3789.27	68.90	--	--	3720.37	71.70
MW-6	8/22/22	3789.27	68.95	--	--	3720.32	71.70
MW-6	11/7/22	3789.27	69.12	--	--	3720.15	71.70
MW-6	2/9/23	3789.27	69.34	--	--	3719.93	71.65
MW-6	5/4/23	3789.27	69.51	--	--	3719.76	71.65
MW-6	8/9/23	3789.27	69.72	--	--	3719.55	--
MW-6	11/8/23	3789.27	69.87	--	--	3719.40	--
MW-7	2/11/20	3789.26	67.41	--	--	3721.85	75.36
MW-7	4/28/20	3789.26	67.51	--	--	3721.75	--
MW-7	5/12/20	3789.26	67.52	--	--	3721.74	--
MW-7	6/19/20	3789.26	67.61	--	--	3721.65	--
MW-7	7/29/20	3789.26	67.70	--	--	3721.56	--
MW-7	8/27/20	3789.26	67.75	--	--	3721.51	--
MW-7	9/14/20	3789.26	67.77	--	--	3721.49	--
MW-7	10/29/20	3789.26	67.89	--	--	3721.37	--
MW-7	12/7/20	3789.26	67.96	--	--	3721.30	--
MW-7	1/25/21	3789.26	68.08	--	--	3721.18	--
MW-7	2/8/21	3789.26	68.16	--	--	3721.10	73.11
MW-7	3/22/21	3789.26	68.20	--	--	3721.06	--
MW-7	5/3/21	3789.26	68.29	--	--	3720.97	--
MW-7	5/10/21	3789.26	69.18	--	--	3720.08	--
MW-7	7/28/21	3789.26	68.49	--	--	3720.77	--
MW-7	8/10/21	3789.26	68.50	--	--	3720.76	73.44
MW-7	9/29/21	3789.26	68.60	--	--	3720.66	73.11

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-7	10/27/21	3789.26	68.66	--	--	3720.60	73.11
MW-7	11/10/21	3789.26	68.66	--	--	3720.60	73.11
MW-7	12/21/21	3789.26	68.73	--	--	3720.53	73.11
MW-7	1/24/22	3789.26	68.83	--	--	3720.43	73.11
MW-7	2/25/22	3789.26	68.89	--	--	3720.37	73.08
MW-7	3/17/22	3789.26	68.83	--	--	3720.43	73.08
MW-7	4/13/22	3789.26	68.95	--	--	3720.31	73.08
MW-7	5/4/22	3789.26	69.05	--	--	3720.21	73.08
MW-7	6/14/22	3789.26	69.14	--	--	3720.12	73.08
MW-7	7/26/22	3789.26	69.22	--	--	3720.04	73.08
MW-7	8/22/22	3789.26	69.28	--	--	3719.98	73.08
MW-7	11/7/22	3789.26	69.45	--	--	3719.81	73.08
MW-7	2/9/23	3789.26	69.65	--	--	3719.61	73.12
MW-7	5/4/23	3789.26	69.89	--	--	3719.37	73.12
MW-7	8/9/23	3789.26	70.04	--	--	3719.22	--
MW-7	11/8/23	3789.26	70.19	--	--	3719.07	--
MW-8	2/11/20	3790.66	67.82	67.72	0.10	3722.92	74.35
MW-8	4/28/20	3790.66	68.04	67.86	0.18	3722.77	--
MW-8	5/12/20	3790.66	68.06	67.84	0.22	3722.78	--
MW-8	6/19/20	3790.66	68.19	67.94	0.25	3722.67	--
MW-8	7/29/20	3790.66	68.34	68.04	0.30	3722.56	--
MW-8	8/27/20	3790.66	68.43	68.07	0.36	3722.52	--
MW-8	9/14/20	3790.66	68.50	68.13	0.37	3722.46	--
MW-8	10/29/20	3790.66	68.62	68.21	0.41	3722.37	--
MW-8	12/7/20	3790.66	68.74	68.27	0.47	3722.30	--
MW-8	1/25/21	3790.66	68.85	68.40	0.45	3722.17	--
MW-8	2/8/21	3790.66	68.87	68.45	0.42	3722.13	72.72
MW-8	3/22/21	3790.66	69.01	68.54	0.47	3722.03	--
MW-8	5/3/21	3790.66	69.08	68.63	0.45	3721.94	--
MW-8	5/10/21	3790.66	69.07	68.63	0.44	3721.95	--
MW-8	7/28/21	3790.66	69.31	68.80	0.51	3721.76	--
MW-8	8/10/21	3790.66	69.34	68.84	0.50	3721.73	--
MW-8	9/29/21	3790.66	69.43	68.94	0.49	3721.63	72.72
MW-8	10/27/21	3790.66	69.41	68.98	0.43	3721.60	72.72
MW-8	11/10/21	3790.66	69.41	68.98	0.43	3721.60	72.72
MW-8	12/21/21	3790.66	69.60	69.12	0.48	3721.45	72.72
MW-8	1/24/22	3790.66	69.56	69.18	0.38	3721.41	72.72
MW-8	2/10/22	3790.66	69.68	69.21	0.47	3721.36	--
MW-8	3/10/22	3790.66	69.75	69.30	0.45	3721.27	--
MW-8	3/10/22	3790.66	69.47	69.46	0.01	3721.20	--
MW-8	3/17/22	3790.66	69.46	69.37	0.09	3721.27	72.72
MW-8	4/13/22	3790.66	69.66	69.27	0.39	3721.32	72.72
MW-8	5/4/22	3790.66	69.56	69.44	0.12	3721.20	72.72
MW-8	6/14/22	3790.66	69.68	69.53	0.15	3721.10	72.72
MW-8	7/26/22	3790.66	69.75	69.62	0.13	3721.02	72.72
MW-8	8/23/22	3790.66	69.83	69.70	0.13	3720.94	72.72
MW-8	11/7/22	3790.66	70.05	69.89	0.16	3720.74	72.72
MW-8	12/5/22	3790.66	70.19	69.96	0.23	3720.66	72.72
MW-8	12/12/22	3790.66	70.08	69.95	0.13	3720.69	72.72
MW-8	12/20/22	3790.66	70.08	69.97	0.11	3720.67	72.72
MW-8	1/16/23	3790.66	70.05	70.02	0.03	3720.63	72.72
MW-8	2/9/23	3790.66	70.13	70.09	0.04	3720.56	72.72
MW-8	2/27/23	3790.66	70.16	70.14	0.02	3720.52	72.72
MW-8	3/23/23	3790.66	Dry	--	--	--	71.23
MW-8	4/4/23	3790.66	69.80	69.75	0.05	3720.90	71.23
MW-8	4/10/23	3790.66	69.81	69.79	0.02	3720.87	71.23
MW-8	5/4/23	3790.66	69.88	69.81	0.07	3720.84	71.23
MW-8	5/18/23	3790.66	69.86	69.84	0.02	3720.82	71.23
MW-8	6/15/23	3790.66	69.88	69.84	0.04	3720.81	71.23
MW-8	6/19/23	3790.66	69.93	69.91	0.02	3720.75	71.23
MW-8	7/11/23	3790.66	69.86	69.83	0.03	3720.82	71.23
MW-8	7/17/23	3790.66	69.90	69.84	0.06	3720.81	71.23
MW-8	7/31/23	3790.66	70.04	70.02	0.02	3720.64	--
MW-8	8/9/23	3790.66	70.06	--	--	3720.60	--
MW-8	8/15/23	3790.66	70.08	70.05	0.03	3720.60	--
MW-8	8/21/23	3790.66	70.11	70.09	0.02	3720.57	--
MW-8	8/29/23	3790.66	70.11	70.09	0.02	3720.57	--
MW-8	9/5/23	3790.66	70.13	70.10	0.03	3720.55	--
MW-8	9/11/23	3790.66	70.12	70.11	0.01	3720.55	--
MW-8	9/18/23	3790.66	70.15	70.13	0.02	3720.53	--
MW-8	9/26/23	3790.66	70.17	70.15	0.02	3720.51	--
MW-8	10/2/23	3790.66	70.14	70.11	0.03	3720.54	--
MW-8	10/9/23	3790.66	70.16	70.13	0.03	3720.52	--
MW-8	10/16/23	3790.66	70.21	70.19	0.02	3720.47	--
MW-8	10/26/23	3790.66	70.24	70.22	0.02	3720.44	--
MW-8	10/30/23	3790.66	70.23	70.18	0.05	3720.47	--
MW-8	11/8/23	3790.66	70.16	70.12	0.04	3720.53	--
MW-8	11/27/23	3790.66	70.17	70.13	0.04	3720.52	--
MW-8	12/4/23	3790.66	70.17	70.13	0.04	3720.52	--
MW-8	12/18/23	3790.66	70.24	70.15	0.09	3720.49	--
MW-9	1/29/20	3790.94	--	--	--	--	--
MW-9	2/11/20	3790.94	LNAPL	67.51	3.29	--	70.80
MW-9	3/11/20	3790.94	LNAPL	67.58	3.22	--	70.80
MW-9	4/8/20	3790.94	LNAPL	67.66	3.14	--	70.80
MW-9	4/28/20	3790.94	LNAPL	67.26	3.09	--	70.35
MW-9	5/12/20	3790.94	LNAPL	67.21	5.56	--	72.77
MW-9	6/19/20	3790.94	LNAPL	67.36	5.41	--	72.77
MW-9	7/29/20	3790.94	LNAPL	67.25	3.15	--	70.40
MW-9	8/27/20	3790.94	70.32	67.53	2.79	3722.88	--
MW-9	9/14/20	3790.94	LNAPL	67.56	2.70	--	70.26
MW-9	10/29/20	3790.94	70.39	67.68	2.71	3722.75	--
MW-9	12/7/20	3790.94	LNAPL	67.77	2.63	--	70.40
MW-9	1/25/21	3790.94	LNAPL	67.88	2.39	--	70.27
MW-9	2/8/21	3790.94	LNAPL	67.89	2.38	--	70.27
MW-9	3/22/21	3790.94	LNAPL	67.99	2.29	--	70.28
MW-9	5/3/21	3790.94	LNAPL	68.06	2.21	--	70.27
MW-9	5/10/21	3790.94	LNAPL	68.10	2.18	--	70.28
MW-9	7/28/21	3790.94	LNAPL	68.24	2.04	--	70.28
MW-9	8/10/21	3790.94	LNAPL	68.29	2.00	--	70.29
MW-9	9/29/21	3790.94	LNAPL	68.30	1.97	--	70.27
MW-9	10/27/21	3790.94	Dry	--	--	--	70.27
MW-9	11/10/21	3790.94	Dry	--	--	--	70.27
MW-9	12/21/21	3790.94	LNAPL	68.55	1.72	--	70.27
MW-9	1/24/22	3790.94	LNAPL	68.61	1.66	--	70.27
MW-9	2/10/22	3790.94	LNAPL	68.63	1.64	--	70.27
MW-9	3/10/22	3790.94	NA	--	--	--	70.27
MW-9	4/13/22	3790.94	NA	--	--	--	70.27
MW-9	5/4/22	3790.94	LNAPL	68.81	1.46	--	70.27
MW-9	6/14/22	3790.94	NA	--	--	--	70.27
MW-9	7/26/2022	3790.94	NA	--	--	--	70.27
MW-9	8/23/22	3790.94	NA	--	--	--	70.27
MW-9	9/19/22	3790.94	LNAPL	69.08	1.68	--	70.76
MW-9	9/19/22	3790.94	LNAPL	69.96	0.80	--	70.76
MW-9	9/23/22	3790.94	LNAPL	69.09	1.67	--	70.76
MW-9	11/7/22	3790.94	NA	--	--	--	70.76
MW-9	2/9/23	3790.94	LNAPL	--	--	--	70.69
MW-9	5/4/23	3790.94	LNAPL	69.60	1.09	--	70.69
MW-9	8/9/23	3790.94	Dry	--	--	--	--
MW-9	11/8/23	3790.94	--	--	--	--	--
MW-10	2/11/20	3790.94	67.64	--	--	3723.30	69.77
MW-10	4/28/20	3790.94	LNAPL	67.82	0.90	--	68.72
MW-10	5/12/20	3790.94	68.63	67.83	0.80	3722.96	68.72
MW-10	6/19/20	3790.94	LNAPL	67.93	0.79	--	68.72
MW-10	7/29/20	3790.94	68.76	68.01	0.75	3722.79	68.72

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-10	8/27/20	3790.94	68.72	68.08	0.64	3722.74	--
MW-10	9/14/20	3790.94	LNAPL	68.23	0.40	--	68.63
MW-10	10/29/20	3790.94	LNAPL	68.26	0.49	--	68.75
MW-10	12/7/20	3790.94	LNAPL	68.33	0.41	--	68.74
MW-10	1/25/21	3790.94	LNAPL	68.48	0.13	--	68.61
MW-10	2/8/21	3790.94	LNAPL	68.52	0.14	--	68.66
MW-10	3/22/21	3790.94	Dry	--	--	--	68.62
MW-10	5/3/21	3790.94	LNAPL	68.64	0.02	--	68.66
MW-10	5/10/21	3790.94	Dry	--	--	--	68.73
MW-10	7/28/21	3790.94	Dry	--	--	--	68.68
MW-10	8/10/21	3790.94	Dry	--	--	--	68.69
MW-10	9/29/21	3790.94	Dry	--	--	--	68.66
MW-10	10/27/21	3790.94	Dry	--	--	--	68.66
MW-10	11/10/21	3790.94	Dry	--	--	--	68.66
MW-10	12/21/21	3790.94	Dry	--	--	--	68.66
MW-10	1/24/22	3790.94	Dry	--	--	--	68.66
MW-10	2/10/22	3790.94	Dry	--	--	--	68.62
MW-10	3/17/22	3790.94	Dry	--	--	--	68.62
MW-10	4/13/22	3790.94	Dry	--	--	--	68.62
MW-10	5/4/22	3790.94	Dry	--	--	--	68.62
MW-10	6/14/22	3790.94	Dry	--	--	--	68.62
MW-10	7/26/22	3790.94	Dry	--	--	--	68.62
MW-10	8/23/22	3790.94	Dry	--	--	--	68.62
MW-10	11/7/22	3790.94	Dry	--	--	--	68.62
MW-10	2/9/23	3790.94	Dry	--	--	--	68.69
MW-10	5/4/23	3790.94	Dry	--	--	--	68.68
MW-10	8/9/23	3790.94	Dry	--	--	--	--
MW-10	11/8/23	3790.94	--	--	--	--	--
MW-11	2/19/20	P&A	--	--	--	--	--
MW-11R	2/26/20	3790.62	--	--	--	--	--
MW-11R	3/12/20	3790.62	67.76	--	--	3722.86	90.02
MW-11R	3/23/20	3790.62	67.88	--	--	3722.74	90.02
MW-11R	4/28/20	3790.62	67.95	--	--	3722.67	--
MW-11R	5/12/20	3790.62	67.96	--	--	3722.66	--
MW-11R	6/19/20	3790.62	68.03	--	--	3722.59	--
MW-11R	7/29/20	3790.62	69.14	--	--	3721.48	--
MW-11R	8/27/20	3790.62	68.19	--	--	3722.43	--
MW-11R	9/14/20	3790.62	68.26	--	--	3722.36	--
MW-11R	10/29/20	3790.62	68.34	--	--	3722.28	--
MW-11R	12/7/20	3790.62	68.42	--	--	3722.20	--
MW-11R	1/25/21	3790.62	68.54	--	--	3722.08	--
MW-11R	2/8/21	3790.62	68.60	--	--	3722.02	90.10
MW-11R	3/22/21	3790.62	68.68	--	--	3721.94	--
MW-11R	5/3/21	3790.62	68.77	--	--	3721.85	--
MW-11R	5/10/21	3790.62	68.90	--	--	3721.72	--
MW-11R	7/28/21	3790.62	68.94	--	--	3721.68	--
MW-11R	8/10/21	3790.62	68.98	--	--	3721.64	90.13
MW-11R	9/29/21	3790.62	69.10	--	--	3721.52	90.10
MW-11R	10/27/21	3790.62	69.16	--	--	3721.46	90.10
MW-11R	11/10/21	3790.62	69.15	--	--	3721.47	90.10
MW-11R	12/21/21	3790.62	69.25	--	--	3721.37	90.10
MW-11R	1/24/22	3790.62	69.31	--	--	3721.31	90.10
MW-11R	2/10/22	3790.62	69.36	--	--	3721.26	90.13
MW-11R	3/17/22	3790.62	69.44	--	--	3721.18	90.13
MW-11R	4/13/22	3790.62	69.55	--	--	3721.07	90.13
MW-11R	5/4/22	3790.62	69.53	--	--	3721.09	90.13
MW-11R	6/14/22	3790.62	69.64	--	--	3720.98	90.13
MW-11R	7/26/22	3790.62	69.70	--	--	3720.92	90.13
MW-11R	8/22/22	3790.62	69.76	--	--	3720.86	90.13
MW-11R	11/7/22	3790.62	69.96	--	--	3720.66	91.13
MW-11R	2/8/23	3790.62	70.15	--	--	3720.47	89.51
MW-11R	5/4/23	3790.62	70.32	--	--	3720.30	89.51
MW-11R	8/9/23	3790.62	70.52	--	--	3720.10	--
MW-11R	11/8/23	3790.62	71.45	--	--	3719.17	--
MW-12R	2/11/20	3789.55	67.49	--	--	3722.06	87.65
MW-12R	4/28/20	3789.55	67.65	--	--	3721.90	--
MW-12R	5/12/20	3789.55	67.63	--	--	3721.92	--
MW-12R	6/19/20	3789.55	67.72	--	--	3721.83	--
MW-12R	7/29/20	3789.55	67.80	--	--	3721.75	--
MW-12R	8/27/20	3789.55	67.88	--	--	3721.67	--
MW-12R	9/14/20	3789.55	67.93	--	--	3721.62	--
MW-12R	10/29/20	3789.55	68.03	--	--	3721.52	--
MW-12R	12/7/20	3789.55	68.08	--	--	3721.47	--
MW-12R	1/25/21	3789.55	68.20	--	--	3721.35	--
MW-12R	2/8/21	3789.55	68.26	--	--	3721.29	84.89
MW-12R	3/22/21	3789.55	68.34	--	--	3721.21	--
MW-12R	5/3/21	3789.55	68.41	--	--	3721.14	--
MW-12R	5/10/21	3789.55	68.45	--	--	3721.10	--
MW-12R	7/28/21	3789.55	68.61	--	--	3720.94	--
MW-12R	8/10/21	3789.55	68.63	--	--	3720.92	85.01
MW-12R	9/29/21	3789.55	68.74	--	--	3720.81	85.01
MW-12R	10/27/21	3789.55	68.79	--	--	3720.76	85.01
MW-12R	11/10/21	3789.55	68.79	--	--	3720.76	85.01
MW-12R	12/21/21	3789.55	68.87	--	--	3720.68	85.01
MW-12R	1/24/22	3789.55	68.94	--	--	3720.61	85.01
MW-12R	2/10/22	3789.55	69.01	--	--	3720.54	85.00
MW-12R	3/17/22	3789.55	69.08	--	--	3720.47	85.00
MW-12R	4/13/22	3789.55	69.20	--	--	3720.35	85.00
MW-12R	5/4/22	3789.55	69.19	--	--	3720.36	85.00
MW-12R	6/14/22	3789.55	69.29	--	--	3720.26	85.00
MW-12R	7/26/22	3789.55	69.35	--	--	3720.20	85.00
MW-12R	8/22/22	3789.55	69.41	--	--	3720.14	85.00
MW-12R	11/7/22	3789.55	69.56	--	--	3719.99	85.00
MW-12R	2/9/23	3789.55	69.78	--	--	3719.77	84.60
MW-12R	5/4/23	3789.55	70.02	--	--	3719.53	84.60
MW-12R	8/9/23	3789.55	70.15	--	--	3719.40	--
MW-12R	11/8/23	3789.55	70.39	--	--	3719.16	--
MW-13	2/19/20	P&A	--	--	--	--	--
MW-14	2/19/20	P&A	--	--	--	--	--
MW-16R	2/11/20	3791.21	68.19	--	--	3723.02	85.51
MW-16R	4/28/20	3791.21	68.32	--	--	3722.89	--
MW-16R	5/12/20	3791.21	68.32	--	--	3722.89	--
MW-16R	6/19/20	3791.21	68.45	--	--	3722.76	--
MW-16R	7/29/20	3791.21	68.50	--	--	3722.71	--
MW-16R	8/27/20	3791.21	68.63	--	--	3722.58	--
MW-16R	9/14/20	3791.21	68.63	--	--	3722.58	--
MW-16R	10/29/20	3791.21	68.71	--	--	3722.50	--
MW-16R	12/7/20	3791.21	68.79	--	--	3722.42	--
MW-16R	1/25/21	3791.21	68.89	--	--	3722.32	--
MW-16R	2/8/21	3791.21	68.96	--	--	3722.25	84.30
MW-16R	3/22/21	3791.21	69.04	--	--	3722.17	--
MW-16R	5/3/21	3791.21	69.15	--	--	3722.06	--
MW-16R	5/10/21	3791.21	69.13	--	--	3722.08	--
MW-16R	7/28/21	3791.21	69.34	--	--	3721.87	--
MW-16R	8/10/21	3791.21	69.37	--	--	3721.84	84.50
MW-16R	9/29/21	3791.21	69.48	--	--	3721.73	84.30
MW-16R	10/27/21	3791.21	69.52	--	--	3721.69	84.30
MW-16R	11/10/21	3791.21	69.52	--	--	3721.69	84.30
MW-16R	12/21/21	3791.21	69.60	--	--	3721.61	84.30
MW-16R	1/24/22	3791.21	69.68	--	--	3721.53	84.30
MW-16R	2/10/22	3791.21	69.74	--	--	3721.47	84.50
MW-16R	3/17/22	3791.21	69.83	--	--	3721.38	84.50
MW-16R	4/13/22	3791.21	69.94	--	--	3721.27	84.50
MW-16R	5/4/22	3791.21	69.91	--	--	3721.30	84.50
MW-16R	6/14/22	3791.21	70.02	--	--	3721.19	84.50
MW-16R	7/26/22	3791.21	70.10	--	--	3721.11	84.50
MW-16R	8/22/22	3791.21	70.14	--	--	3721.07	84.50
MW-16R	11/7/22	3791.21	70.33	--	--	3720.88	84.50
MW-16R	2/8/23	3791.21	70.15	--	--	3721.06	84.16
MW-16R	5/4/23	3791.21	70.75	--	--	3720.46	84.16

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-16R	8/9/23	3791.21	70.90	--	--	3720.31	--
MW-16R	11/8/23	3791.21	71.07	--	--	3720.14	--
MW-17R	2/11/20	3790.20	67.94	--	--	3722.26	79.15
MW-17R	4/28/20	3790.20	68.06	--	--	3722.14	--
MW-17R	5/12/20	3790.20	68.09	--	--	3722.11	--
MW-17R	6/19/20	3790.20	68.17	--	--	3722.03	--
MW-17R	7/29/20	3790.20	68.26	--	--	3721.94	--
MW-17R	8/27/20	3790.20	68.33	--	--	3721.87	--
MW-17R	9/14/20	3790.20	68.37	--	--	3721.83	--
MW-17R	10/29/20	3790.20	68.47	--	--	3721.73	--
MW-17R	12/7/20	3790.20	68.55	--	--	3721.65	--
MW-17R	1/25/21	3790.20	68.65	--	--	3721.55	--
MW-17R	2/8/21	3790.20	68.69	--	--	3721.51	78.71
MW-17R	3/22/21	3790.20	68.78	--	--	3721.42	--
MW-17R	5/3/21	3790.20	68.87	--	--	3721.33	--
MW-17R	5/10/21	3790.20	68.88	--	--	3721.32	--
MW-17R	7/28/21	3790.20	69.05	--	--	3721.15	--
MW-17R	8/10/21	3790.20	69.09	--	--	3721.11	78.80
MW-17R	9/29/21	3790.20	69.2	--	--	3721.00	78.71
MW-17R	10/27/21	3790.20	69.26	--	--	3720.94	78.71
MW-17R	11/10/21	3790.20	69.26	--	--	3720.94	78.71
MW-17R	12/21/21	3790.20	69.35	--	--	3720.85	78.71
MW-17R	1/24/22	3790.20	69.42	--	--	3720.78	78.71
MW-17R	2/10/22	3790.20	69.46	--	--	3720.74	78.80
MW-17R	3/17/22	3790.20	69.55	--	--	3720.65	78.80
MW-17R	4/13/22	3790.20	69.66	--	--	3720.54	78.80
MW-17R	5/4/22	3790.20	69.62	--	--	3720.58	78.80
MW-17R	6/14/22	3790.20	69.72	--	--	3720.48	78.80
MW-17R	7/26/22	3790.20	69.81	--	--	3720.39	78.80
MW-17R	8/22/22	3790.20	69.85	--	--	3720.35	78.80
MW-17R	11/7/22	3790.20	70.04	--	--	3720.16	78.80
MW-17R	2/8/23	3790.20	70.23	--	--	3719.97	78.75
MW-17R	5/4/23	3790.20	70.40	--	--	3719.80	78.75
MW-17R	8/9/23	3790.20	70.61	--	--	3719.59	--
MW-17R	11/8/23	3790.20	70.77	--	--	3719.43	--
MW-18R	2/11/20	3791.04	68.39	--	--	3722.65	81.94
MW-18R	4/28/20	3791.04	68.52	--	--	3722.52	--
MW-18R	5/12/20	3791.04	68.52	--	--	3722.52	--
MW-18R	6/19/20	3791.04	68.62	--	--	3722.42	--
MW-18R	7/29/20	3791.04	68.70	--	--	3722.34	--
MW-18R	8/27/20	3791.04	68.77	--	--	3722.27	--
MW-18R	9/14/20	3791.04	68.83	--	--	3722.21	--
MW-18R	10/29/20	3791.04	68.91	--	--	3722.13	--
MW-18R	12/7/20	3791.04	69.00	--	--	3722.04	--
MW-18R	1/25/21	3791.04	69.11	--	--	3721.93	--
MW-18R	2/8/21	3791.04	69.15	--	--	3721.89	81.41
MW-18R	3/22/21	3791.04	69.24	--	--	3721.80	--
MW-18R	5/3/21	3791.04	69.33	--	--	3721.71	--
MW-18R	5/10/21	3791.04	69.33	--	--	3721.71	--
MW-18R	7/28/21	3791.04	69.50	--	--	3721.54	--
MW-18R	8/10/21	3791.04	69.54	--	--	3721.50	81.50
MW-18R	9/29/21	3791.04	69.66	--	--	3721.38	81.41
MW-18R	10/27/21	3791.04	69.73	--	--	3721.31	81.41
MW-18R	11/10/21	3791.04	69.74	--	--	3721.30	81.41
MW-18R	12/21/21	3791.04	69.80	--	--	3721.24	81.41
MW-18R	1/24/22	3791.04	69.87	--	--	3721.17	81.41
MW-18R	2/10/22	3791.04	69.92	--	--	3721.12	81.50
MW-18R	3/17/22	3791.04	70.02	--	--	3721.02	81.50
MW-18R	4/13/22	3791.04	70.11	--	--	3720.93	81.50
MW-18R	5/4/22	3791.04	70.08	--	--	3720.96	81.50
MW-18R	6/14/22	3791.04	70.19	--	--	3720.85	81.50
MW-18R	7/26/22	3791.04	70.27	--	--	3720.77	81.50
MW-18R	8/22/22	3791.04	70.32	--	--	3720.72	81.50
MW-18R	11/7/22	3791.04	70.51	--	--	3720.53	81.50
MW-18R	2/8/23	3791.04	70.70	--	--	3720.34	81.42
MW-18R	5/4/23	3791.04	70.90	--	--	3720.14	81.42
MW-18R	8/9/23	3791.04	71.08	--	--	3719.96	--
MW-18R	11/8/23	3791.04	71.26	--	--	3719.78	--
MW-19R	2/11/20	3789.67	67.79	--	--	3721.88	78.79
MW-19R	4/28/20	3789.67	67.90	--	--	3721.77	--
MW-19R	5/12/20	3789.67	67.91	--	--	3721.76	--
MW-19R	6/19/20	3789.67	68.00	--	--	3721.67	--
MW-19R	7/29/20	3789.67	68.08	--	--	3721.59	--
MW-19R	8/27/20	3789.67	68.15	--	--	3721.52	--
MW-19R	9/14/20	3789.67	68.42	--	--	3721.25	--
MW-19R	10/29/20	3789.67	68.29	--	--	3721.38	--
MW-19R	12/7/20	3789.67	68.35	--	--	3721.32	--
MW-19R	1/25/21	3789.67	68.48	--	--	3721.19	--
MW-19R	2/8/21	3789.67	68.54	--	--	3721.13	77.66
MW-19R	3/22/21	3789.67	68.60	--	--	3721.07	--
MW-19R	5/3/21	3789.67	68.67	--	--	3721.00	--
MW-19R	5/10/21	3789.67	68.72	--	--	3720.95	--
MW-19R	7/28/21	3789.67	68.86	--	--	3720.81	--
MW-19R	8/10/21	3789.67	68.91	--	--	3720.76	77.78
MW-19R	9/29/21	3789.67	69.00	--	--	3720.67	77.66
MW-19R	10/27/21	3789.67	69.09	--	--	3720.58	77.66
MW-19R	11/10/21	3789.67	69.11	--	--	3720.56	77.66
MW-19R	12/21/21	3789.67	69.16	--	--	3720.51	77.66
MW-19R	1/24/22	3789.67	69.21	--	--	3720.46	77.66
MW-19R	2/10/22	3789.67	69.26	--	--	3720.41	77.78
MW-19R	3/17/22	3789.67	69.35	--	--	3720.32	77.78
MW-19R	4/13/22	3789.67	69.47	--	--	3720.20	77.78
MW-19R	5/4/22	3789.67	69.44	--	--	3720.23	77.78
MW-19R	6/14/22	3789.67	69.55	--	--	3720.12	77.78
MW-19R	7/26/22	3789.67	69.91	--	--	3719.76	77.78
MW-19R	8/22/22	3789.67	69.67	--	--	3720.00	77.78
MW-19R	11/7/22	3789.67	69.84	--	--	3719.83	77.78
MW-19R	2/8/23	3789.67	70.04	--	--	3719.63	77.03
MW-19R	5/4/23	3789.67	70.22	--	--	3719.45	77.03
MW-19R	8/9/23	3789.67	70.40	--	--	3719.27	--
MW-19R	11/8/23	3789.67	70.57	--	--	3719.10	--
MW-20R	2/11/20	3789.73	67.39	--	--	3722.34	72.51
MW-20R	4/28/20	3789.73	67.55	--	--	3722.18	--
MW-20R	5/12/20	3789.73	67.53	--	--	3722.20	--
MW-20R	6/19/20	3789.73	67.64	--	--	3722.09	--
MW-20R	7/29/20	3789.73	67.71	--	--	3722.02	--
MW-20R	8/27/20	3789.73	67.77	--	--	3721.96	--
MW-20R	9/14/20	3789.73	67.85	--	--	3721.88	--
MW-20R	10/29/20	3789.73	67.91	--	--	3721.82	--
MW-20R	12/7/20	3789.73	67.98	--	--	3721.75	--
MW-20R	1/25/21	3789.73	68.10	--	--	3721.63	--
MW-20R	2/8/21	3789.73	68.14	--	--	3721.59	71.45
MW-20R	3/22/21	3789.73	68.24	--	--	3721.49	--
MW-20R	5/3/21	3789.73	68.31	--	--	3721.42	--
MW-20R	5/10/21	3789.73	68.35	--	--	3721.38	--
MW-20R	7/28/21	3789.73	68.49	--	--	3721.24	--
MW-20R	8/10/21	3789.73	68.53	--	--	3721.20	71.30
MW-20R	9/29/21	3789.73	68.63	--	--	3721.10	71.45
MW-20R	10/27/21	3789.73	68.70	--	--	3721.03	71.45
MW-20R	11/10/21	3789.73	68.72	--	--	3721.01	71.45
MW-20R	12/21/21	3789.73	68.80	--	--	3720.93	71.45
MW-20R	1/24/22	3789.73	68.85	--	--	3720.88	71.45
MW-20R	2/10/22	3789.73	68.90	--	--	3720.83	71.29
MW-20R	3/17/22	3789.73	69.00	--	--	3720.73	71.29
MW-20R	4/13/22	3789.73	69.08	--	--	3720.65	71.29
MW-20R	5/4/22	3789.73	69.09	--	--	3720.64	71.29
MW-20R	6/14/22	3789.73	69.17	--	--	3720.56	71.29
MW-20R	7/26/22	3789.73	69.24	--	--	3720.49	71.29
MW-20R	8/22/22	3789.73	69.29	--	--	3720.44	71.29
MW-20R	11/7/22	3789.73	69.47	--	--	3720.26	71.29
MW-20R	2/8/23	3789.73	69.69	--	--	3720.04	71.38
MW-20R	5/4/23	3789.73	69.89	--	--	3719.84	71.38
MW-20R	8/9/23	3789.73	70.03	--	--	3719.70	--

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-20R	11/8/23	3789.73	70.21	--	--	3719.52	--
MW-21	2/19/20	P&A	--	--	--	--	--
MW-21R	3/12/20	3789.71	67.60	--	--	3722.11	89.94
MW-21R	3/23/20	3789.71	67.71	--	--	3722.00	89.93
MW-21R	4/28/20	3789.71	67.80	--	--	3721.91	--
MW-21R	5/12/20	3789.71	67.79	--	--	3721.92	--
MW-21R	6/19/20	3789.71	67.91	--	--	3721.80	--
MW-21R	7/29/20	3789.71	67.95	--	--	3721.76	--
MW-21R	8/27/20	3789.71	68.04	--	--	3721.67	--
MW-21R	9/14/20	3789.71	68.06	--	--	3721.65	--
MW-21R	10/29/20	3789.71	68.17	--	--	3721.54	--
MW-21R	12/7/20	3789.71	68.25	--	--	3721.46	--
MW-21R	1/25/21	3789.71	68.35	--	--	3721.36	--
MW-21R	2/8/21	3789.71	68.42	--	--	3721.29	89.45
MW-21R	3/22/21	3789.71	68.50	--	--	3721.21	--
MW-21R	5/3/21	3789.71	68.56	--	--	3721.15	--
MW-21R	5/10/21	3789.71	68.61	--	--	3721.10	--
MW-21R	7/28/21	3789.71	68.75	--	--	3720.96	--
MW-21R	8/10/21	3789.71	68.80	--	--	3720.91	89.80
MW-21R	9/29/21	3789.71	68.89	--	--	3720.82	89.90
MW-21R	10/27/21	3789.71	69.95	--	--	3719.76	89.90
MW-21R	11/10/21	3789.71	68.96	--	--	3720.75	89.90
MW-21R	12/21/21	3789.71	70.02	--	--	3719.69	89.90
MW-21R	1/24/22	3789.71	69.11	--	--	3720.60	89.90
MW-21R	2/10/22	3789.71	69.15	--	--	3720.56	89.80
MW-21R	3/17/22	3789.71	69.22	--	--	3720.49	89.80
MW-21R	4/13/22	3789.71	69.33	--	--	3720.38	89.80
MW-21R	5/4/22	3789.71	69.31	--	--	3720.40	89.90
MW-21R	6/14/22	3789.71	69.43	--	--	3720.28	89.90
MW-21R	7/26/22	3789.71	69.49	--	--	3720.22	89.90
MW-21R	8/22/22	3789.71	69.56	--	--	3720.15	89.90
MW-21R	11/7/22	3789.71	69.73	--	--	3719.98	89.90
MW-21R	2/8/23	3789.71	69.94	--	--	3719.77	88.33
MW-21R	5/4/23	3789.71	70.11	--	--	3719.60	88.33
MW-21R	8/9/23	3789.71	70.30	--	--	3719.41	--
MW-21R	11/8/23	3789.71	70.47	--	--	3719.24	--
MW-22	2/11/20	3788.97	67.31	--	--	3721.66	85.22
MW-22	4/28/20	3788.97	67.40	--	--	3721.57	--
MW-22	5/12/20	3788.97	67.39	--	--	3721.58	--
MW-22	6/19/20	3788.97	67.47	--	--	3721.50	--
MW-22	7/29/20	3788.97	67.58	--	--	3721.39	--
MW-22	8/27/20	3788.97	67.63	--	--	3721.34	--
MW-22	9/14/20	3788.97	67.69	--	--	3721.28	--
MW-22	10/29/20	3788.97	67.78	--	--	3721.19	--
MW-22	12/7/20	3788.97	67.83	--	--	3721.14	--
MW-22	1/25/21	3788.97	67.96	--	--	3721.01	--
MW-22	2/8/21	3788.97	68.00	--	--	3720.97	83.89
MW-22	3/22/21	3788.97	68.07	--	--	3720.90	--
MW-22	5/3/21	3788.97	68.15	--	--	3720.82	--
MW-22	5/10/21	3788.97	68.19	--	--	3720.78	--
MW-22	7/28/21	3788.97	68.33	--	--	3720.64	--
MW-22	8/10/21	3788.97	68.37	--	--	3720.60	84.30
MW-22	9/29/21	3788.97	68.50	--	--	3720.47	84.30
MW-22	10/27/21	3788.97	68.53	--	--	3720.44	84.30
MW-22	11/10/21	3788.97	68.54	--	--	3720.43	84.30
MW-22	12/21/21	3788.97	68.64	--	--	3720.33	84.30
MW-22	1/24/22	3788.97	68.70	--	--	3720.27	84.30
MW-22	2/10/22	3788.97	68.77	--	--	3720.20	84.30
MW-22	3/17/22	3788.97	68.82	--	--	3720.15	84.30
MW-22	4/13/22	3788.97	68.94	--	--	3720.03	84.30
MW-22	5/4/22	3788.97	68.92	--	--	3720.05	84.30
MW-22	6/14/22	3788.97	69.02	--	--	3719.95	84.30
MW-22	7/26/22	3788.97	69.09	--	--	3719.88	84.30
MW-22	8/22/22	3788.97	69.15	--	--	3719.82	84.30
MW-22	11/7/22	3788.97	69.33	--	--	3719.64	84.30
MW-22	2/8/23	3788.97	69.52	--	--	3719.45	83.57
MW-22	5/4/23	3788.97	69.77	--	--	3719.20	83.57
MW-22	8/9/23	3788.97	69.67	--	--	3719.30	--
MW-22	11/8/23	3788.97	70.06	--	--	3718.91	--
MW-23	1/8/20	3790.93	--	--	--	--	--
MW-23	1/15/20	3790.93	--	--	--	--	--
MW-23	1/29/20	3790.93	--	--	--	--	--
MW-23	2/11/20	3790.93	69.37	67.93	1.44	3722.73	84.92
MW-23	4/28/20	3790.93	70.98	67.80	3.18	3722.53	--
MW-23	5/12/20	3790.93	71.28	67.74	3.54	3722.52	--
MW-23	6/19/20	3790.93	71.81	67.74	4.07	3722.42	--
MW-23	7/29/20	3790.93	72.04	67.75	4.29	3722.36	--
MW-23	8/27/20	3790.93	72.37	67.78	4.59	3722.28	--
MW-23	9/14/20	3790.93	72.50	67.88	4.62	3722.17	--
MW-23	10/29/20	3790.93	72.74	67.90	4.84	3722.11	--
MW-23	12/7/20	3790.93	72.92	67.95	4.97	3722.04	--
MW-23	1/25/21	3790.93	73.06	68.09	4.97	3721.90	--
MW-23	2/8/21	3790.93	73.07	68.12	4.95	3721.87	83.59
MW-23	3/22/21	3790.93	73.32	68.23	5.09	3721.73	--
MW-23	5/3/21	3790.93	73.46	68.30	5.16	3721.65	--
MW-23	5/10/21	3790.93	73.47	68.26	5.21	3721.68	--
MW-23	7/28/21	3790.93	73.70	68.49	5.21	3721.45	--
MW-23	8/10/21	3790.93	73.72	68.47	5.25	3721.46	--
MW-23	9/29/21	3790.93	73.75	68.60	5.15	3721.35	83.59
MW-23	10/27/21	3790.93	73.91	68.68	5.23	3721.26	83.59
MW-23	11/10/21	3790.93	73.85	68.68	5.17	3721.27	83.59
MW-23	12/21/21	3790.93	73.93	68.77	5.16	3721.18	83.59
MW-23	1/24/22	3790.93	74.01	68.81	5.20	3721.13	83.59
MW-23	2/10/22	3790.93	73.96	68.87	5.09	3721.09	--
MW-23	3/10/22	3790.93	74.06	68.96	5.10	3721.00	--
MW-23	3/10/22	3790.93	71.01	69.58	1.43	3721.08	--
MW-23	3/17/22	3790.93	71.88	69.42	2.46	3721.04	83.53
MW-23	3/25/22	3790.93	72.10	69.38	2.72	3721.03	83.53
MW-23	3/25/22	3790.93	69.99	69.65	0.34	3721.22	83.53
MW-23	3/31/22	3790.93	71.31	69.56	1.75	3721.04	83.53
MW-23	3/31/22	3790.93	70.21	69.77	0.44	3721.08	83.53
MW-23	4/7/22	3790.93	70.91	69.62	1.29	3721.06	83.53
MW-23	4/7/22	3790.93	70.31	69.70	0.61	3721.11	83.53
MW-23	4/13/22	3790.93	71.20	69.67	1.53	3720.97	83.53
MW-23	4/21/22	3790.93	71.35	69.77	1.58	3720.86	83.53
MW-23	4/21/22	3790.93	71.26	70.95	0.31	3719.92	83.53
MW-23	5/4/22	3790.93	71.11	69.66	1.45	3720.99	83.53
MW-23	6/14/22	3790.93	71.73	69.65	2.08	3720.88	83.53
MW-23	6/30/22	3790.93	71.94	69.69	2.25	3720.81	83.53
MW-23	6/30/22	3790.93	71.24	69.79	1.45	3720.86	83.53
MW-23	7/7/22	3790.93	71.64	69.76	1.88	3720.81	83.53
MW-23	7/7/22	3790.93	70.96	69.88	1.08	3720.84	83.53
MW-23	7/20/22	3790.93	71.35	69.81	1.54	3720.83	83.53
MW-23	7/20/22	3790.93	70.80	69.85	0.95	3720.90	83.53
MW-23	7/26/22	3790.93	69.75	69.62	0.13	3721.29	83.53
MW-23	8/23/22	3790.93	71.39	69.92	1.47	3720.73	83.53
MW-23	9/12/22	3790.93	71.72	69.99	1.73	3720.61	83.53
MW-23	9/12/22	3790.93	70.55	70.14	0.41	3720.71	83.53
MW-23	9/19/22	3790.93	71.66	69.90	1.76	3720.70	83.53
MW-23	9/19/22	3790.93	70.46	70.12	0.34	3720.75	83.53
MW-23	10/10/22	3790.93	71.94	70.18	1.76	3720.42	83.53
MW-23	10/10/22	3790.93	71.56	71.02	0.54	3719.81	83.53
MW-23	10/17/22	3790.93	71.14	70.13	1.01	3720.61	83.53
MW-23	10/17/22	3790.93	70.84	70.53	0.31	3720.34	83.53
MW-23	10/23/22	3790.93	71.84	70.01	1.83	3720.57	83.53
MW-23	10/23/22	3790.93	70.50	70.15	0.35	3720.71	83.53
MW-23	11/7/22	3790.93	70.78	70.25	0.53	3720.58	83.53
MW-23	11/21/22	3790.93	70.85	70.24	0.61	3720.57	83.53
MW-23	12/2/22	3790.93	70.71	70.14	0.57	3720.68	83.53
MW-23	12/5/22	3790.93	71.09	70.33	0.76	3720.46	83.53
MW-23	12/12/22	3790.93	70.82	70.34	0.48	3720.50	83.53
MW-23	12/20/22	3790.93	70.62	70.35	0.27	3720.53	83.53
MW-23	1/16/23	3790.93	70.65	70.33	0.32	3720.54	83.53

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-23	2/9/23	3790.93	71.10	70.47	0.63	3720.34	83.53
MW-23	2/27/23	3790.93	71.13	70.50	0.63	3720.31	83.53
MW-23	3/23/23	3790.93	71.46	70.52	0.94	3720.23	83.53
MW-23	4/4/23	3790.93	71.45	70.48	0.97	3720.27	83.53
MW-23	4/10/23	3790.93	71.43	70.49	0.94	3720.26	83.53
MW-23	5/4/23	3790.93	71.32	70.62	0.70	3720.18	83.53
MW-23	5/18/23	3790.93	71.40	70.63	0.77	3720.15	83.53
MW-23	6/15/23	3790.93	71.42	70.64	0.78	3720.14	83.53
MW-23	6/19/23	3790.93	71.69	70.64	1.05	3720.09	83.53
MW-23	7/11/23	3790.93	71.44	70.60	0.84	3720.17	83.53
MW-23	7/17/23	3790.93	71.44	70.64	0.80	3720.14	83.53
MW-23	7/31/23	3790.93	72.03	70.74	1.29	3719.95	--
MW-23	8/9/23	3790.93	72.04	70.73	1.31	3719.95	--
MW-23	8/15/23	3790.93	72.14	70.83	1.31	3719.85	--
MW-23	8/21/23	3790.93	72.16	70.94	1.22	3719.76	--
MW-23	8/29/23	3790.93	72.27	70.79	1.48	3719.86	--
MW-23	9/5/23	3790.93	72.39	70.81	1.58	3719.82	--
MW-23	9/11/23	3790.93	72.44	70.84	1.60	3719.79	--
MW-23	9/18/23	3790.93	72.44	70.91	1.53	3719.73	--
MW-23	9/26/23	3790.93	72.50	70.84	1.66	3719.78	--
MW-23	10/2/23	3790.93	72.50	70.83	1.67	3719.78	--
MW-23	10/9/23	3790.93	72.53	70.80	1.73	3719.80	--
MW-23	10/16/23	3790.93	72.51	70.80	2.51	3720.45	--
MW-23	10/26/23	3790.93	72.56	70.77	1.79	3719.82	--
MW-23	10/30/23	3790.93	72.49	70.79	1.70	3719.82	--
MW-23	11/8/23	3790.93	72.52	70.84	1.68	3719.77	--
MW-23	11/27/23	3790.93	72.51	70.89	1.62	3719.73	--
MW-23	12/4/23	3790.93	72.51	70.89	1.62	3719.73	--
MW-23	12/18/23	3790.93	72.45	70.82	1.63	3719.80	--
MW-24	2/27/20	3791.40	--	--	--	--	--
MW-24	3/12/20	3791.40	68.30	--	--	3723.10	89.97
MW-24	3/23/20	3791.40	68.40	--	--	3723.00	90.02
MW-24	4/28/20	3791.40	68.47	--	--	3722.93	--
MW-24	5/12/20	3791.40	68.47	--	--	3722.93	--
MW-24	6/19/20	3791.40	68.58	--	--	3722.82	--
MW-24	7/29/20	3791.40	68.56	--	--	3722.84	--
MW-24	8/27/20	3791.40	68.74	--	--	3722.66	--
MW-24	9/14/20	3791.40	68.78	--	--	3722.62	--
MW-24	10/29/20	3791.40	68.68	--	--	3722.72	--
MW-24	12/7/20	3791.40	68.94	--	--	3722.46	--
MW-24	1/25/21	3791.40	69.06	--	--	3722.34	--
MW-24	2/8/21	3791.40	69.12	--	--	3722.28	89.97
MW-24	3/22/21	3791.40	69.19	--	--	3722.21	--
MW-24	5/3/21	3791.40	69.29	--	--	3722.11	--
MW-24	5/10/21	3791.40	69.30	--	--	3722.10	--
MW-24	7/28/21	3791.40	69.48	--	--	3721.92	--
MW-24	8/10/21	3791.40	69.52	--	--	3721.88	90.10
MW-24	9/29/21	3791.40	69.63	--	--	3721.77	89.97
MW-24	10/27/21	3791.40	69.68	--	--	3721.72	89.97
MW-24	11/10/21	3791.40	69.67	--	--	3721.73	89.97
MW-24	12/21/21	3791.40	69.78	--	--	3721.62	89.97
MW-24	1/24/22	3791.40	69.84	--	--	3721.56	89.97
MW-24	2/10/22	3791.40	69.88	--	--	3721.52	90.11
MW-24	3/17/22	3791.40	70.01	--	--	3721.39	90.11
MW-24	4/13/22	3791.40	70.08	--	--	3721.32	90.11
MW-24	5/4/22	3791.40	70.04	--	--	3721.36	90.11
MW-24	6/14/22	3791.40	70.17	--	--	3721.23	90.11
MW-24	7/26/22	3791.40	70.24	--	--	3721.16	90.11
MW-24	8/22/22	3791.40	70.30	--	--	3721.10	90.11
MW-24	11/7/22	3791.40	70.48	--	--	3720.92	90.11
MW-24	2/8/23	3791.40	70.68	--	--	3720.72	89.86
MW-24	5/4/23	3791.40	70.89	--	--	3720.51	89.86
MW-24	8/9/23	3791.40	71.07	--	--	3720.33	--
MW-24	11/8/23	3791.40	71.28	--	--	3720.12	--
MW-25	2/27/20	3790.01	--	--	--	--	--
MW-25	3/12/20	3790.01	67.57	--	--	3722.44	89.95
MW-25	3/23/20	3790.01	67.69	--	--	3722.32	90.09
MW-25	4/28/20	3790.01	67.76	--	--	3722.25	--
MW-25	5/12/20	3790.01	67.74	--	--	3722.27	--
MW-25	6/19/20	3790.01	67.87	--	--	3722.14	--
MW-25	7/29/20	3790.01	67.93	--	--	3722.08	--
MW-25	8/27/20	3790.01	68.00	--	--	3722.01	--
MW-25	9/14/20	3790.01	68.05	--	--	3721.96	--
MW-25	10/29/20	3790.01	68.14	--	--	3721.87	--
MW-25	12/7/20	3790.01	68.20	--	--	3721.81	--
MW-25	1/25/21	3790.01	68.33	--	--	3721.68	--
MW-25	2/8/21	3790.01	68.37	--	--	3721.64	89.95
MW-25	3/22/21	3790.01	68.46	--	--	3721.55	--
MW-25	5/3/21	3790.01	68.54	--	--	3721.47	--
MW-25	5/10/21	3790.01	68.55	--	--	3721.46	--
MW-25	7/28/21	3790.01	68.73	--	--	3721.28	--
MW-25	8/10/21	3790.01	68.77	--	--	3721.24	90.08
MW-25	9/29/21	3790.01	68.87	--	--	3721.14	89.95
MW-25	10/27/21	3790.01	69.93	--	--	3720.08	89.95
MW-25	11/10/21	3790.01	68.93	--	--	3721.08	89.95
MW-25	12/21/21	3790.01	69.02	--	--	3720.99	89.95
MW-25	1/24/22	3790.01	69.07	--	--	3720.94	89.95
MW-25	2/10/22	3790.01	69.12	--	--	3720.89	90.10
MW-25	3/17/22	3790.01	69.22	--	--	3720.79	90.10
MW-25	4/13/22	3790.01	69.32	--	--	3720.69	90.10
MW-25	5/4/22	3790.01	69.32	--	--	3720.69	90.10
MW-25	6/14/22	3790.01	69.41	--	--	3720.60	90.10
MW-25	7/26/22	3790.01	69.48	--	--	3720.53	90.10
MW-25	8/22/22	3790.01	69.53	--	--	3720.48	90.10
MW-25	11/7/22	3790.01	69.72	--	--	3720.29	90.10
MW-25	2/8/23	3790.01	69.92	--	--	3720.09	89.61
MW-25	5/4/23	3790.01	70.08	--	--	3719.93	89.61
MW-25	8/9/23	3790.01	70.29	--	--	3719.72	--
MW-25	11/8/23	3790.01	70.45	--	--	3719.56	--
RW-1	2/19/20	P&A	--	--	--	--	--
RW-1R	3/3/20	3790.43	--	--	--	--	--
RW-1R	3/12/20	3790.43	68.77	67.49	1.28	3722.70	90.8
RW-1R	3/23/20	3790.43	71.19	67.09	4.10	3722.56	90.96
RW-1R	4/28/20	3790.43	72.60	66.85	5.75	3722.49	--
RW-1R	5/12/20	3790.43	72.60	66.85	5.75	3722.49	--
RW-1R	6/19/20	3790.43	--	--	--	--	--
RW-1R	7/29/20	3790.43	73.18	67.09	6.09	3722.18	--
RW-1R	8/27/20	3790.43	--	--	--	--	--
RW-1R	9/14/20	3790.43	72.47	67.24	5.23	3722.20	--
RW-1R	10/29/20	3790.43	72.85	67.21	5.64	3722.15	--
RW-1R	12/7/20	3790.43	73.02	67.32	5.70	3722.03	--
RW-1R	1/25/21	3790.43	--	--	--	--	--
RW-1R	2/8/21	3790.43	72.65	67.59	5.06	3721.88	90.89
RW-1R	3/22/21	3790.43	--	--	--	--	--
RW-1R	5/3/21	3790.43	--	--	--	--	--
RW-1R	5/10/21	3790.43	72.80	67.79	5.01	3721.69	--
RW-1R	7/28/21	3790.43	73.68	67.84	5.84	3721.48	--
RW-1R	8/10/21	3790.43	73.90	68.02	5.88	3721.29	--
RW-1R	9/29/21	3790.43	74.05	67.11	6.94	3722.00	90.89
RW-1R	10/27/21	3790.43	74.03	68.16	5.87	3721.15	90.89
RW-1R	11/10/21	3790.43	74.05	68.17	5.88	3721.14	90.89
RW-1R	12/21/21	3790.43	74.21	68.26	5.95	3721.04	90.89
RW-1R	1/24/22	3790.43	74.16	68.17	5.99	3721.12	90.89
RW-1R	2/10/22	3790.43	74.36	68.38	5.98	3720.91	--
RW-1R	3/10/22	3790.43	74.47	68.49	5.98	3720.80	--
RW-1R	3/10/22	3790.43	70.49	69.34	1.15	3720.87	--
RW-1R	3/17/22	3790.43	--	--	--	--	--
RW-1R	3/25/22	3790.43	74.40	68.51	5.89	3720.80	90.08
RW-1R	3/25/22	3790.43	69.55	--	0.00	3720.88	90.08
RW-1R	3/31/22	3790.43	73.63	68.70	4.93	3720.79	90.08
RW-1R	3/31/22	3790.43	70.10	69.58	0.52	3720.75	90.08

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-1R	4/7/22	3790.43	73.81	68.63	5.18	3720.82	90.08
RW-1R	4/7/22	3790.43	70.03	69.49	0.54	3720.84	90.08
RW-1R	4/13/22	3790.43	73.41	68.77	4.64	3720.78	90.08
RW-1R	4/21/22	3790.43	73.49	68.43	5.06	3721.04	90.08
RW-1R	4/21/22	3790.43	70.66	70.13	0.53	3720.20	90.08
RW-1R	4/28/22	3790.43	74.08	68.50	5.58	3720.87	90.08
RW-1R	4/28/22	3790.43	70.67	69.98	0.69	3720.32	90.08
RW-1R	5/4/22	3790.43	73.74	68.72	5.02	3720.76	90.80
RW-1R	5/12/22	3790.43	74.28	69.62	4.66	3719.92	90.80
RW-1R	5/12/22	3790.43	71.34	70.85	0.49	3719.49	90.80
RW-1R	5/23/22	3790.43	74.29	68.72	5.57	3720.65	90.80
RW-1R	5/23/22	3790.43	70.34	69.60	0.74	3720.69	90.80
RW-1R	5/31/22	3790.43	73.84	68.79	5.05	3720.68	90.80
RW-1R	5/31/22	3790.43	71.14	--	--	3719.29	90.80
RW-1R	6/6/22	3790.43	73.36	69.91	3.45	3719.86	90.80
RW-1R	6/6/22	3790.43	71.05	71.02	0.03	3719.40	90.80
RW-1R	6/14/22	3790.43	73.67	69.86	3.81	3719.85	90.80
RW-1R	6/30/22	3790.43	74.32	68.78	5.54	3720.60	90.80
RW-1R	6/30/22	3790.43	70.75	69.57	1.18	3720.64	90.80
RW-1R	7/7/22	3790.43	73.89	68.87	5.02	3720.61	90.80
RW-1R	7/7/22	3790.43	70.19	69.63	0.56	3720.69	90.80
RW-1R	7/20/22	3790.43	74.17	68.81	5.36	3720.60	90.80
RW-1R	7/20/22	3790.43	70.13	70.00	0.13	3720.41	90.80
RW-1R	7/26/22	3790.43	73.67	68.95	4.72	3720.58	90.80
RW-1R	8/1/22	3790.43	74.19	68.87	5.32	3720.55	90.80
RW-1R	8/1/22	3790.43	70.30	70.23	0.07	3720.19	90.80
RW-1R	8/8/22	3790.43	73.81	68.95	4.86	3720.56	90.80
RW-1R	8/8/22	3790.43	70.25	70.24	0.01	3720.19	90.80
RW-1R	8/23/22	3790.43	74.31	69.91	4.40	3719.68	90.80
RW-1R	8/29/22	3790.43	74.41	68.89	5.52	3720.49	90.80
RW-1R	8/29/22	3790.43	70.13	--	--	3720.30	90.80
RW-1R	9/6/22	3790.43	74.10	68.99	5.11	3720.47	90.80
RW-1R	9/6/22	3790.43	70.38	70.30	0.08	3720.11	90.80
RW-1R	9/12/22	3790.43	74.56	69.01	5.55	3720.37	90.80
RW-1R	9/12/22	3790.43	70.36	69.93	0.43	3720.42	90.80
RW-1R	9/19/22	3790.43	74.26	68.95	5.31	3720.47	90.80
RW-1R	9/19/22	3790.43	70.05	69.91	0.14	3720.49	90.80
RW-1R	10/10/22	3790.43	73.99	69.31	4.68	3720.23	90.80
RW-1R	10/10/22	3790.43	71.70	71.08	0.62	3719.23	90.80
RW-1R	10/17/22	3790.43	74.38	69.07	5.31	3720.35	90.80
RW-1R	10/17/22	3790.43	71.46	71.03	0.43	3719.32	90.80
RW-1R	10/23/22	3790.43	74.74	69.02	5.72	3720.32	90.80
RW-1R	10/23/22	3790.43	70.25	70.01	0.24	3720.37	90.80
RW-1R	11/7/22	3790.43	74.11	69.18	4.93	3720.31	90.80
RW-1R	11/21/22	3790.43	74.64	69.05	5.59	3720.32	90.80
RW-1R	12/2/22	3790.43	74.54	69.14	5.40	3720.26	90.80
RW-1R	12/5/22	3790.43	73.06	69.49	3.57	3720.26	90.80
RW-1R	12/12/22	3790.43	73.91	69.31	4.60	3720.25	90.80
RW-1R	12/20/22	3790.43	73.96	69.32	4.64	3720.23	90.80
RW-1R	1/16/23	3790.43	74.02	69.33	4.69	3720.21	90.80
RW-1R	2/9/23	3790.43	74.72	69.31	5.41	3720.09	90.80
RW-1R	2/27/23	3790.43	74.82	69.34	5.48	3720.05	90.80
RW-1R	3/23/23	3790.43	74.66	69.58	5.08	3719.88	90.80
RW-1R	4/4/23	3790.43	73.79	69.91	3.88	3719.78	90.80
RW-1R	4/10/23	3790.43	74.56	69.43	5.13	3720.03	90.80
RW-1R	5/4/23	3790.43	74.89	69.95	4.94	3719.54	90.80
RW-1R	5/18/23	3790.43	75.01	69.47	5.54	3719.91	90.80
RW-1R	6/15/23	3790.43	75.03	69.49	5.54	3719.89	90.80
RW-1R	6/19/23	3790.43	75.04	69.52	5.52	3719.86	90.80
RW-1R	7/11/23	3790.43	75.07	69.53	5.54	3719.85	90.80
RW-1R	7/17/23	3790.43	69.57	69.57	0.00	3720.86	90.80
RW-1R	7/31/23	3790.43	75.07	69.53	5.54	3719.85	--
RW-1R	8/9/23	3790.43	75.34	69.63	5.71	3719.72	--
RW-1R	8/15/23	3790.43	75.17	69.60	5.57	3719.77	--
RW-1R	8/21/23	3790.43	75.18	69.58	5.60	3719.79	--
RW-1R	8/29/23	3790.43	75.40	69.68	5.72	3719.66	--
RW-1R	9/5/23	3790.43	75.44	69.83	5.61	3719.53	--
RW-1R	9/11/23	3790.43	75.45	69.72	5.73	3719.62	--
RW-1R	9/18/23	3790.43	75.51	69.83	5.68	3719.52	--
RW-1R	9/26/23	3790.43	75.55	69.77	5.78	3719.56	--
RW-1R	10/2/23	3790.43	75.58	69.72	5.86	3719.60	--
RW-1R	10/9/23	3790.43	75.55	69.74	5.81	3719.59	--
RW-1R	10/16/23	3790.43	75.62	69.77	5.85	3719.55	--
RW-1R	10/26/23	3790.43	75.66	69.73	5.93	3719.57	--
RW-1R	10/30/23	3790.43	75.60	69.74	5.86	3719.58	--
RW-1R	11/8/23	3790.43	75.59	69.71	5.88	3719.60	--
RW-1R	11/27/23	3790.43	75.54	69.71	5.83	3719.61	--
RW-1R	12/4/23	3790.43	75.54	69.71	5.83	3719.61	--
RW-1R	12/18/23	3790.43	75.58	69.70	5.88	3719.61	--
RW-2	2/19/20	P&A	--	--	--	--	--
RW-3	1/8/20	3791.34	--	--	--	--	--
RW-3	2/11/20	3791.34	LNAPL	67.22	0.79	--	68.01
RW-3	4/28/20	3791.34	LNAPL	67.35	0.61	--	67.96
RW-3	5/12/20	3791.34	LNAPL	67.34	0.67	--	68.01
RW-3	6/19/20	3791.34	LNAPL	67.42	0.59	--	68.01
RW-3	7/29/20	3791.34	67.61	67.05	0.56	3724.18	--
RW-3	8/27/20	3791.34	LNAPL	67.55	0.40	--	67.95
RW-3	9/14/20	3791.34	LNAPL	67.60	0.30	--	67.90
RW-3	10/29/20	3791.34	LNAPL	67.61	0.34	--	67.95
RW-3	12/7/20	3791.34	LNAPL	67.61	0.34	--	67.95
RW-3	1/25/21	3791.34	LNAPL	67.70	0.18	--	67.88
RW-3	2/8/21	3791.34	LNAPL	67.74	0.16	--	67.90
RW-3	3/22/21	3791.34	LNAPL	67.82	0.09	--	67.91
RW-3	5/3/21	3791.34	LNAPL	67.82	0.10	--	67.92
RW-3	5/10/21	3791.34	Dry	--	--	--	67.88
RW-3	7/28/21	3791.34	Dry	--	--	--	67.89
RW-3	8/10/21	3791.34	Dry	--	--	--	67.79
RW-3	9/29/21	3791.34	Dry	--	--	--	67.90
RW-3	10/27/21	3791.34	Dry	--	--	--	67.90
RW-3	11/10/21	3791.34	Dry	--	--	--	67.90
RW-3	12/21/21	3791.34	Dry	--	--	--	67.90
RW-3	1/24/22	3791.34	Dry	--	--	--	67.90
RW-3	2/10/22	3791.34	Dry	--	--	--	67.90
RW-3	3/17/22	3791.34	Dry	--	--	--	67.90
RW-3	4/13/22	3791.34	Dry	--	--	--	67.90
RW-3	5/4/22	3791.34	Dry	--	--	--	67.90
RW-3	6/14/22	3791.34	Dry	--	--	--	67.90
RW-3	7/26/22	3791.34	Dry	--	--	--	67.90
RW-3	8/23/22	3791.34	Dry	--	--	--	67.90
RW-3	11/7/22	3791.34	Dry	--	--	--	67.90
RW-3	2/9/23	3791.34	Dry	--	--	--	67.91
RW-3	5/4/23	3791.34	Dry	--	--	--	67.91
RW-3	8/9/23	3791.34	Dry	--	--	--	71.39
RW-3	11/8/23	3791.34	--	--	--	--	--
RW-4	2/11/20	3790.76	LNAPL	67.01	3.52	--	70.53
RW-4	4/8/20	3790.76	68.80	67.12	1.68	3723.32	68.81
RW-4	4/28/20	3790.76	LNAPL	67.14	1.66	--	68.80
RW-4	5/12/20	3790.76	LNAPL	67.15	3.38	--	70.53
RW-4	6/19/20	3790.76	LNAPL	67.24	3.29	--	70.53
RW-4	7/29/20	3790.76	68.96	67.52	1.44	3722.97	--
RW-4	8/27/20	3790.76	68.84	67.38	1.46	3723.10	--
RW-4	9/14/20	3790.76	LNAPL	67.46	1.26	--	68.72
RW-4	10/29/20	3790.76	LNAPL	67.55	1.27	--	68.82
RW-4	12/7/20	3790.76	LNAPL	67.62	2.88	--	70.50
RW-4	1/25/21	3790.76	LNAPL	67.74	0.99	--	68.73
RW-4	2/8/21	3790.76	LNAPL	67.77	0.96	--	68.73
RW-4	3/22/21	3790.76	LNAPL	68.05	0.87	--	68.92

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-4	5/3/21	3790.76	LNAPL	67.93	0.79	--	68.72
RW-4	5/10/21	3790.76	LNAPL	67.96	0.77	--	68.73
RW-4	7/28/21	3790.76	LNAPL	68.17	0.58	--	68.75
RW-4	8/10/21	3790.76	LNAPL	68.34	0.60	--	68.94
RW-4	9/29/21	3790.76	LNAPL	68.43	0.30	--	68.73
RW-4	10/27/21	3790.76	LNAPL	68.48	0.25	--	68.73
RW-4	11/10/21	3790.76	LNAPL	68.48	0.25	--	68.73
RW-4	12/21/21	3790.76	LNAPL	68.56	0.17	--	68.73
RW-4	1/24/22	3790.76	LNAPL	68.61	0.12	--	68.73
RW-4	2/10/22	3790.76	LNAPL	68.72	0.20	--	68.92
RW-4	3/10/22	3790.76	Dry	--	--	--	68.92
RW-4	3/17/22	3790.76	LNAPL	68.80	0.12	--	68.92
RW-4	4/13/22	3790.76	LNAPL	68.67	0.25	--	68.92
RW-4	5/4/22	3790.76	LNAPL	68.89	0.03	--	68.92
RW-4	6/14/22	3790.76	Dry	--	--	--	68.92
RW-4	7/26/22	3790.76	Dry	--	--	--	68.92
RW-4	8/23/22	3790.76	Dry	--	--	--	68.92
RW-4	11/7/22	3790.76	Dry	--	--	--	68.92
RW-4	2/9/23	3790.76	Dry	--	--	--	68.78
RW-4	5/4/23	3790.76	Dry	--	--	--	68.78
RW-4	8/9/23	3790.76	Dry	--	--	--	--
RW-4	11/8/23	3790.76	--	--	--	--	--
RW-5	1/8/20	3791.45	Dry	--	--	--	--
RW-5	1/15/20	3791.45	--	--	--	--	--
RW-5	2/11/20	3791.45	LNAPL	67.11	0.02	LNAPL at TD	67.13
RW-5	4/28/20	3791.45	Dry	--	--	--	67.12
RW-5	5/12/20	3791.45	Dry	--	--	--	67.13
RW-5	6/19/20	3791.45	Dry	--	--	--	--
RW-5	7/29/20	3791.45	Dry	--	--	--	--
RW-5	8/27/20	3791.45	Dry	--	--	--	67.16
RW-5	9/14/20	3791.45	Dry	--	--	--	67.10
RW-5	10/29/20	3791.45	Dry	--	--	--	67.19
RW-5	12/7/20	3791.45	Dry	--	--	--	67.20
RW-5	1/25/21	3791.45	Dry	--	--	--	67.10
RW-5	2/8/21	3791.45	Dry	--	--	--	67.11
RW-5	3/22/21	3791.45	Dry	--	--	--	67.15
RW-5	5/3/21	3791.45	Dry	--	--	--	67.15
RW-5	5/10/21	3791.45	LNAPL	68.34	0.31	--	68.65
RW-5	7/28/21	3791.45	Dry	--	--	--	67.13
RW-5	8/10/21	3791.45	Dry	--	--	--	67.11
RW-5	9/29/21	3791.45	Dry	--	--	--	67.11
RW-5	10/27/21	3791.45	Dry	--	--	--	67.11
RW-5	11/10/21	3791.45	Dry	--	--	--	67.11
RW-5	12/21/21	3791.45	Dry	--	--	--	67.11
RW-5	1/24/22	3791.45	Dry	--	--	--	67.11
RW-5	2/10/22	3791.45	Dry	--	--	--	67.16
RW-5	3/17/22	3791.45	Dry	--	--	--	67.16
RW-5	4/13/22	3791.45	Dry	--	--	--	67.16
RW-5	5/4/22	3791.45	Dry	--	--	--	67.16
RW-5	6/14/22	3791.45	Dry	--	--	--	67.16
RW-5	7/26/22	3791.45	Dry	--	--	--	67.16
RW-5	8/23/22	3791.45	Dry	--	--	--	67.16
RW-5	11/7/22	3791.45	Dry	--	--	--	67.16
RW-5	2/9/23	3791.45	Dry	--	--	--	67.17
RW-5	5/4/23	3791.45	Dry	--	--	--	67.17
RW-5	8/9/23	3791.45	Dry	--	--	--	--
RW-5	11/8/23	3791.45	--	--	--	--	--
RW-6	1/8/20	3791.39	Dry	--	--	--	--
RW-6	2/11/20	3791.39	LNAPL	67.22	0.31	--	67.53
RW-6	4/8/20	3791.39	67.44	67.34	0.10	3724.03	67.58
RW-6	4/28/20	3791.39	67.45	67.35	0.10	3724.02	--
RW-6	5/12/20	3791.39	LNAPL	67.37	0.16	--	67.53
RW-6	6/19/20	3791.39	LNAPL	67.46	0.07	--	67.53
RW-6	7/29/20	3791.39	67.60	--	--	3723.79	--
RW-6	8/27/20	3791.39	Dry	--	--	--	67.50
RW-6	9/14/20	3791.39	Dry	--	--	--	67.45
RW-6	10/29/20	3791.39	Dry	--	--	--	67.56
RW-6	12/7/20	3791.39	Dry	--	--	--	67.62
RW-6	1/25/21	3791.39	Dry	--	--	--	67.45
RW-6	2/8/21	3791.39	Dry	--	--	--	67.47
RW-6	3/22/21	3791.39	Dry	--	--	--	67.49
RW-6	5/3/21	3791.39	Dry	--	--	--	67.52
RW-6	5/10/21	3791.39	Dry	--	--	--	67.48
RW-6	7/28/21	3791.39	Dry	--	--	--	67.46
RW-6	8/10/21	3791.39	Dry	--	--	--	67.50
RW-6	9/29/21	3791.39	Dry	--	--	--	67.47
RW-6	10/27/21	3791.39	Dry	--	--	--	67.47
RW-6	11/10/21	3791.39	Dry	--	--	--	67.47
RW-6	12/21/21	3791.39	Dry	--	--	--	67.47
RW-6	1/24/22	3791.39	Dry	--	--	--	67.47
RW-6	2/10/22	3791.39	Dry	--	--	--	67.50
RW-6	3/17/22	3791.39	Dry	--	--	--	67.50
RW-6	4/13/22	3791.39	Dry	--	--	--	67.50
RW-6	5/4/22	3791.39	Dry	--	--	--	67.50
RW-6	6/14/22	3791.39	Dry	--	--	--	67.50
RW-6	7/26/22	3791.39	Dry	--	--	--	67.50
RW-6	8/23/22	3791.39	Dry	--	--	--	67.50
RW-6	11/7/22	3791.39	Dry	--	--	--	67.50
RW-6	2/9/23	3791.39	Dry	--	--	--	67.52
RW-6	5/4/23	3791.39	Dry	--	--	--	67.52
RW-6	8/9/23	3791.39	Dry	--	--	--	--
RW-6	11/8/23	3791.39	--	--	--	--	--
RW-7	2/11/20	3791.51	LNAPL	68.30	1.18	--	69.48
RW-7	4/28/20	3791.51	LNAPL	67.94	1.51	--	69.45
RW-7	5/12/20	3791.51	LNAPL	67.90	1.58	--	69.48
RW-7	6/19/20	3791.51	LNAPL	67.83	1.65	--	69.48
RW-7	7/29/20	3791.51	LNAPL	67.86	1.74	--	69.60
RW-7	8/27/20	3791.51	LNAPL	67.87	1.55	--	69.42
RW-7	9/14/20	3791.51	LNAPL	67.95	1.42	--	69.37
RW-7	10/29/20	3791.51	LNAPL	68.03	1.47	--	69.5
RW-7	12/7/20	3791.51	LNAPL	68.03	1.47	--	69.5
RW-7	1/25/21	3791.51	LNAPL	68.20	1.16	--	69.36
RW-7	2/8/21	3791.51	LNAPL	68.22	1.15	--	69.37
RW-7	3/22/21	3791.51	LNAPL	68.33	1.06	--	69.39
RW-7	5/3/21	3791.51	LNAPL	68.40	0.98	--	69.38
RW-7	5/10/21	3791.51	LNAPL	68.41	0.96	--	69.37
RW-7	7/28/21	3791.51	LNAPL	68.58	0.80	--	69.38
RW-7	8/10/21	3791.51	LNAPL	68.62	0.77	--	69.39
RW-7	9/29/21	3791.51	LNAPL	68.72	0.65	--	69.37
RW-7	10/27/21	3791.51	LNAPL	68.76	0.61	--	69.37
RW-7	11/10/21	3791.51	LNAPL	68.78	0.59	--	69.37
RW-7	12/21/21	3791.51	LNAPL	68.83	0.54	--	69.37
RW-7	1/24/22	3791.51	LNAPL	68.90	0.47	--	69.37
RW-7	2/10/22	3791.51	LNAPL	68.99	0.32	--	69.31
RW-7	3/10/22	3791.51	LNAPL	69.09	0.22	--	69.31
RW-7	3/10/22	3791.51	Dry	--	--	--	69.31
RW-7	3/17/22	3791.51	LNAPL	69.14	0.17	--	69.31
RW-7	4/13/22	3791.51	LNAPL	68.96	0.35	--	69.31
RW-7	5/4/22	3791.51	LNAPL	69.17	0.14	--	69.31
RW-7	6/14/22	3791.51	LNAPL	69.25	0.06	--	69.31
RW-7	7/26/22	3791.51	LNAPL	69.33	0.05	--	69.38
RW-7	8/23/22	3791.51	Dry	--	--	--	--
RW-7	11/7/22	3791.51	Dry	--	--	--	69.52
RW-7	2/9/23	3791.51	Dry	--	--	--	69.42
RW-7	5/4/23	3791.51	Dry	--	--	--	69.42
RW-7	8/9/23	3791.51	Dry	--	--	--	71.18
RW-7	11/8/23	3791.51	--	--	--	--	--
RW-8	2/11/20	3790.90	LNAPL	66.93	0.93	--	67.86
RW-8	3/11/20	3790.90	LNAPL	67.00	0.86	--	67.86
RW-8	3/23/20	3790.90	LNAPL	67.00	0.86	--	67.86
RW-8	4/28/20	3790.90	LNAPL	67.06	0.76	--	67.82
RW-8	5/12/20	3790.90	LNAPL	67.09	0.77	--	67.86
RW-8	6/19/20	3790.90	LNAPL	67.17	0.69	--	67.86

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-8	7/29/20	3790.90	LNAPL	67.32	0.38	--	67.70
RW-8	8/27/20	3790.90	LNAPL	67.29	0.34	--	67.63
RW-8	9/14/20	3790.90	LNAPL	67.37	0.10	--	67.47
RW-8	10/29/20	3790.90	LNAPL	67.45	0.13	--	67.58
RW-8	12/7/20	3790.90	LNAPL	67.52	0.14	--	67.66
RW-8	1/25/21	3790.90	Dry	--	--	--	67.45
RW-8	2/8/21	3790.90	Dry	--	--	--	67.47
RW-8	3/22/21	3790.90	Dry	--	--	--	67.43
RW-8	5/3/21	3790.90	Dry	--	--	--	67.48
RW-8	5/10/21	3790.90	Dry	--	--	--	67.46
RW-8	7/28/21	3790.90	Dry	--	--	--	67.46
RW-8	8/10/21	3790.90	Dry	--	--	--	67.51
RW-8	9/29/21	3790.90	Dry	--	--	--	67.47
RW-8	10/27/21	3790.90	Dry	--	--	--	67.47
RW-8	11/10/21	3790.90	Dry	--	--	--	67.47
RW-8	12/21/21	3790.90	Dry	--	--	--	67.47
RW-8	1/24/22	3790.90	Dry	--	--	--	67.47
RW-8	2/10/22	3790.90	Dry	--	--	--	67.49
RW-8	3/17/22	3790.90	Dry	--	--	--	67.49
RW-8	4/13/22	3790.90	Dry	--	--	--	67.49
RW-8	5/4/22	3790.90	Dry	--	--	--	67.49
RW-8	6/14/22	3790.90	Dry	--	--	--	67.49
RW-8	7/26/22	3790.90	Dry	--	--	--	67.49
RW-8	8/23/22	3790.90	Dry	--	--	--	67.49
RW-8	11/7/22	3790.90	Dry	--	--	--	67.49
RW-8	2/9/23	3790.90	Dry	--	--	--	67.50
RW-8	5/4/23	3790.90	Dry	--	--	--	67.50
RW-8	8/9/23	3790.90	Dry	--	--	--	--
RW-8	11/8/23	3790.90	--	--	--	--	--
RW-9	1/15/20	3791.33	--	--	--	--	--
RW-9	2/11/20	3791.33	68.69	68.49	0.20	3722.80	73.29
RW-9	4/28/20	3791.33	68.81	68.60	0.21	3722.69	--
RW-9	5/12/20	3791.33	68.85	68.65	0.20	3722.64	--
RW-9	6/19/20	3791.33	68.93	68.71	0.22	3722.58	--
RW-9	7/29/20	3791.33	69.05	68.81	0.24	3722.47	--
RW-9	8/27/20	3791.33	69.07	68.85	0.22	3722.44	--
RW-9	9/14/20	3791.33	69.15	68.94	0.21	3722.35	--
RW-9	10/29/20	3791.33	69.30	69.03	0.27	3722.25	--
RW-9	12/7/20	3791.33	69.32	69.06	0.26	3722.22	--
RW-9	1/25/21	3791.33	69.42	69.20	0.22	3722.09	--
RW-9	2/8/21	3791.33	69.45	69.25	0.20	3722.04	71.06
RW-9	3/22/21	3791.33	69.56	69.34	0.22	3721.95	--
RW-9	5/3/21	3791.33	69.63	69.41	0.22	3721.88	--
RW-9	5/10/21	3791.33	69.64	69.45	0.19	3721.84	--
RW-9	7/28/21	3791.33	69.82	69.62	0.20	3721.67	--
RW-9	8/10/21	3791.33	69.89	69.68	0.21	3721.61	--
RW-9	9/29/21	3791.33	70.00	69.78	0.22	3721.51	71.06
RW-9	10/27/21	3791.33	70.01	69.76	0.25	3721.52	71.06
RW-9	11/10/21	3791.33	70.03	69.76	0.27	3721.52	71.06
RW-9	12/21/21	3791.33	69.85	69.45	0.40	3721.80	71.06
RW-9	1/24/22	3791.33	69.93	69.60	0.33	3721.67	71.06
RW-9	2/10/22	3791.33	70.21	70.01	0.20	3721.28	--
RW-9	3/10/22	3791.33	70.32	70.12	0.20	3721.17	--
RW-9	3/10/22	3791.33	Dry	--	--	--	--
RW-9	3/17/22	3791.33	70.17	70.13	0.04	3721.19	71.09
RW-9	4/13/22	3791.33	69.99	69.46	0.53	3721.77	71.09
RW-9	5/4/22	3791.33	70.26	70.22	0.04	3721.10	71.09
RW-9	6/14/22	3791.33	70.36	70.31	0.05	3721.01	71.09
RW-9	7/26/22	3791.33	70.49	70.42	0.07	3720.90	71.09
RW-9	8/23/22	3791.33	70.51	70.46	0.05	3720.86	71.09
RW-9	11/7/22	3791.33	70.76	70.69	0.07	3720.63	71.09
RW-9	12/5/22	3791.33	70.91	70.74	0.17	3720.56	71.09
RW-9	12/12/22	3791.33	70.81	70.69	0.12	3720.62	71.09
RW-9	12/20/22	3791.33	70.82	70.72	0.10	3720.59	71.09
RW-9	1/16/23	3791.33	70.85	70.77	0.08	3720.54	71.09
RW-9	2/9/23	3791.33	70.91	70.88	0.03	3720.44	71.09
RW-9	2/27/23	3791.33	70.90	70.88	0.02	3720.45	71.09
RW-9	3/23/23	3791.33	Dry	--	--	--	71.10
RW-9	4/4/23	3791.33	70.98	70.92	0.06	3720.40	71.10
RW-9	4/10/23	3791.33	70.92	70.90	0.02	3720.43	71.10
RW-9	5/4/23	3791.33	LNAPL	70.97	0.13	--	71.10
RW-9	5/18/23	3791.33	70.93	--	--	3720.40	71.10
RW-9	6/15/23	3791.33	70.94	--	--	3720.39	71.10
RW-9	6/19/23	3791.33	70.90	--	--	3720.43	71.10
RW-9	7/11/23	3791.33	70.97	--	--	3720.36	71.10
RW-9	7/17/23	3791.33	70.90	--	--	3720.43	71.10
RW-9	7/31/23	3791.33	70.94	--	--	3720.39	71.18
RW-9	8/9/23	3791.33	Dry	--	--	--	--
RW-9	8/15/23	3791.33	71.14	--	--	3720.19	--
RW-9	8/21/23	3791.33	71.20	--	--	3720.13	--
RW-9	8/29/23	3791.33	70.95	--	--	3720.38	--
RW-9	9/5/23	3791.33	71.17	--	--	3720.16	--
RW-9	9/11/23	3791.33	70.99	--	--	3720.34	--
RW-9	9/18/23	3791.33	70.98	--	--	3720.35	--
RW-9	9/26/23	3791.33	70.99	--	--	3720.34	--
RW-9	10/2/23	3791.33	70.98	--	--	3720.35	--
RW-9	10/9/23	3791.33	70.96	--	--	3720.37	--
RW-9	10/16/23	3791.33	71.01	--	--	3720.32	--
RW-9	10/26/23	3791.33	71.04	--	--	3720.29	--
RW-9	10/30/23	3791.33	71.04	--	--	3720.29	--
RW-9	11/8/23	3791.33	70.91	70.89	0.02	3720.44	--
RW-9	11/27/23	3791.33	70.98	--	--	3720.35	--
RW-9	12/4/23	3791.33	70.98	--	--	3720.35	--
RW-9	12/18/23	3791.33	71.03	--	--	3720.30	--
RW-10	2/11/20	3791.16	Dry	--	--	--	68.68
RW-10	4/28/20	3791.16	68.74	67.55	1.19	3723.38	--
RW-10	5/12/20	3791.16	LNAPL	67.56	1.12	--	68.68
RW-10	6/19/20	3791.16	LNAPL	67.62	1.06	--	68.68
RW-10	7/29/20	3791.16	LNAPL	67.74	0.46	--	68.20
RW-10	8/27/20	3791.16	LNAPL	67.74	0.94	--	68.68
RW-10	9/14/20	3791.16	LNAPL	67.07	1.62	--	68.69
RW-10	10/29/20	3791.16	LNAPL	67.93	0.37	--	68.30
RW-10	12/7/20	3791.16	68.70	67.97	0.73	3723.05	--
RW-10	1/25/21	3791.16	LNAPL	68.01	0.59	--	68.60
RW-10	2/8/21	3791.16	LNAPL	68.13	0.52	--	68.65
RW-10	3/22/21	3791.16	LNAPL	68.28	0.42	--	68.70
RW-10	5/3/21	3791.16	LNAPL	68.30	0.15	--	68.45
RW-10	5/10/21	3791.16	LNAPL	68.34	0.31	--	68.65
RW-10	7/28/21	3791.16	Dry	--	--	--	68.46
RW-10	8/10/21	3791.16	LNAPL	68.53	0.12	--	68.65
RW-10	9/29/21	3791.16	LNAPL	68.64	0.01	--	68.65
RW-10	10/27/21	3791.16	Dry	--	--	--	68.65
RW-10	11/10/21	3791.16	Dry	--	--	--	68.65
RW-10	12/21/21	3791.16	Dry	--	--	--	68.65
RW-10	1/24/22	3791.16	Dry	--	--	--	68.65
RW-10	2/10/22	3791.16	Dry	--	--	--	68.49
RW-10	3/17/22	3791.16	Dry	--	--	--	68.49
RW-10	4/13/22	3791.16	Dry	--	--	--	68.49
RW-10	5/4/22	3791.16	Dry	--	--	--	68.49
RW-10	6/14/22	3791.16	Dry	--	--	--	68.49
RW-10	7/26/22	3791.16	Dry	--	--	--	68.49
RW-10	8/23/22	3791.16	Dry	--	--	--	68.49
RW-10	11/7/22	3791.16	Dry	--	--	--	68.49
RW-10	2/9/23	3791.16	Dry	--	--	--	68.59
RW-10	5/4/23	3791.16	Dry	--	--	--	68.59
RW-10	8/9/23	3791.16	Dry	--	--	--	--
RW-10	11/8/23	3791.16	--	--	--	--	--
RW-11	1/15/20	3790.82	--	--	--	--	--
RW-11	1/29/20	3790.82	--	--	--	--	--

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-11	2/11/20	3790.82	68.70	68.18	0.52	3722.54	74.93
RW-11	2/25/20	3790.82	--	--	--	--	--
RW-11	4/28/20	3790.82	69.81	68.10	1.71	3722.40	--
RW-11	5/12/20	3790.82	70.00	68.08	1.92	3722.38	--
RW-11	6/19/20	3790.82	70.56	68.07	2.49	3722.28	--
RW-11	7/29/20	3790.82	71.10	68.05	3.05	3722.19	--
RW-11	8/27/20	3790.82	71.42	68.04	3.38	3722.14	--
RW-11	9/14/20	3790.82	71.65	68.09	3.56	3722.05	--
RW-11	10/29/20	3790.82	72.03	68.10	3.93	3721.97	--
RW-11	12/7/20	3790.82	72.35	68.09	4.26	3721.92	--
RW-11	1/25/21	3790.82	LNAPL	68.04	4.25	--	72.29
RW-11	2/8/21	3790.82	LNAPL	68.03	4.27	--	72.30
RW-11	3/22/21	3790.82	LNAPL	68.07	4.25	--	72.32
RW-11	5/3/21	3790.82	LNAPL	68.13	4.17	--	72.30
RW-11	5/10/21	3790.82	LNAPL	68.05	4.38	--	72.43
RW-11	7/28/21	3790.82	LNAPL	68.28	4.03	--	72.31
RW-11	8/10/21	3790.82	LNAPL	68.33	4.01	--	72.34
RW-11	9/29/21	3790.82	LNAPL	68.40	3.94	--	72.34
RW-11	10/27/21	3790.82	LNAPL	68.48	3.86	--	72.34
RW-11	11/10/21	3790.82	LNAPL	68.48	3.86	--	72.34
RW-11	12/21/21	3790.82	LNAPL	68.57	3.77	--	72.34
RW-11	1/24/22	3790.82	LNAPL	68.66	3.68	--	72.34
RW-11	2/10/22	3790.82	LNAPL	68.72	3.60	--	72.32
RW-11	3/10/22	3790.82	LNAPL	68.76	3.56	--	72.32
RW-11	3/10/22	3790.82	71.05	69.87	1.18	3720.73	72.32
RW-11	3/17/22	3790.82	71.68	69.50	2.18	3720.91	72.32
RW-11	3/25/22	3790.82	72.00	69.53	2.47	3720.82	72.32
RW-11	3/25/22	3790.82	70.65	--	--	3720.17	72.32
RW-11	3/31/22	3790.82	70.16	69.85	0.31	3720.91	72.32
RW-11	4/7/22	3790.82	70.31	69.82	0.49	3720.91	72.32
RW-11	4/13/22	3790.82	70.16	69.94	0.22	3720.84	72.32
RW-11	4/21/22	3790.82	70.36	69.97	0.39	3720.78	72.32
RW-11	5/4/22	3790.82	70.96	69.81	1.15	3720.79	72.32
RW-11	6/14/22	3790.82	71.68	69.71	1.97	3720.74	72.32
RW-11	6/30/22	3790.82	72.02	69.77	2.25	3720.62	72.32
RW-11	6/30/22	3790.82	71.50	70.64	0.86	3720.02	72.32
RW-11	7/7/22	3790.82	70.74	69.97	0.77	3720.70	72.32
RW-11	7/20/22	3790.82	71.03	69.96	1.07	3720.66	72.32
RW-11	7/20/22	3790.82	71.90	71.88	0.02	3718.94	72.32
RW-11	7/26/22	3790.82	70.55	70.08	0.47	3720.65	72.32
RW-11	8/23/22	3790.82	71.02	70.08	0.94	3720.56	72.32
RW-11	11/7/22	3790.82	72.05	70.96	1.09	3719.65	72.32
RW-11	12/5/22	3790.82	72.32	70.06	2.26	3720.33	72.32
RW-11	12/12/22	3790.82	70.76	70.39	0.37	3720.36	72.32
RW-11	12/20/22	3790.82	70.63	70.41	0.22	3720.37	72.32
RW-11	1/16/23	3790.82	70.88	70.47	0.41	3720.27	72.32
RW-11	2/9/23	3790.82	71.10	70.47	0.63	3720.23	72.32
RW-11	2/27/23	3790.82	71.26	70.48	0.78	3720.19	72.32
RW-11	3/23/23	3790.82	71.61	70.68	0.93	3719.96	72.32
RW-11	4/4/23	3790.82	71.65	70.50	1.15	3720.10	72.32
RW-11	4/10/23	3790.82	71.64	70.49	1.15	3720.11	72.32
RW-11	5/4/23	3790.82	71.90	70.55	1.35	3720.01	72.30
RW-11	5/18/23	3790.82	71.95	70.56	1.39	3720.00	72.30
RW-11	6/15/23	3790.82	71.93	70.56	1.37	3720.00	72.30
RW-11	6/19/23	3790.82	72.20	70.59	1.61	3719.92	72.30
RW-11	7/11/23	3790.82	71.94	70.51	1.43	3720.04	72.30
RW-11	7/17/23	3790.82	70.57	70.57	0.00	3720.25	72.30
RW-11	7/31/23	3790.82	71.96	70.76	1.20	3719.83	--
RW-11	8/9/23	3790.82	72.04	70.75	1.29	3719.83	--
RW-11	8/15/23	3790.82	72.11	70.85	1.26	3719.73	--
RW-11	8/21/23	3790.82	75.18	70.98	4.20	3719.04	--
RW-11	8/29/23	3790.82	72.10	70.83	1.27	3719.75	--
RW-11	9/5/23	3790.82	72.23	70.85	1.38	3719.71	--
RW-11	9/11/23	3790.82	72.29	70.82	1.47	3719.72	--
RW-11	9/18/23	3790.82	72.27	70.98	1.29	3719.60	--
RW-11	9/26/23	3790.82	72.27	70.85	1.42	3719.70	--
RW-11	10/2/23	3790.82	72.30	70.87	1.43	3719.68	--
RW-11	10/9/23	3790.82	72.34	70.85	1.49	3719.69	--
RW-11	10/16/23	3790.82	72.24	70.93	1.31	3719.64	--
RW-11	10/26/23	3790.82	72.21	70.90	1.31	3719.67	--
RW-11	10/30/23	3790.82	72.21	70.91	1.30	3719.66	--
RW-11	11/8/23	3790.82	72.33	70.85	1.48	3719.69	--
RW-11	11/27/23	3790.82	72.27	70.83	1.44	3719.72	--
RW-11	12/4/23	3790.82	72.27	70.83	1.44	3719.72	--
RW-11	12/18/23	3790.82	72.18	70.94	1.24	3719.64	--
RW-12	2/11/20	3791.20	68.21	--	--	3722.99	88.59
RW-12	2/25/20	3791.20	--	--	--	--	--
RW-12	3/17/20	3791.20	--	--	--	--	--
RW-12	4/28/20	3791.20	68.38	--	--	3722.82	--
RW-12	5/12/20	3791.20	68.36	--	--	3722.84	--
RW-12	6/19/20	3791.20	68.45	--	--	3722.75	--
RW-12	7/29/20	3791.20	67.53	--	--	3723.67	--
RW-12	8/27/20	3791.20	68.61	--	--	3722.59	--
RW-12	9/14/20	3791.20	68.65	--	--	3722.55	--
RW-12	10/29/20	3791.20	68.74	--	--	3722.46	--
RW-12	12/7/20	3791.20	68.83	--	--	3722.37	--
RW-12	1/25/21	3791.20	68.94	--	--	3722.26	--
RW-12	2/8/21	3791.20	69.00	--	--	3722.20	85.48
RW-12	3/22/21	3791.20	69.07	--	--	3722.13	--
RW-12	5/3/21	3791.20	69.16	--	--	3722.04	--
RW-12	5/10/21	3791.20	68.31	--	--	3722.89	--
RW-12	7/28/21	3791.20	69.36	--	--	3721.84	--
RW-12	8/10/21	3791.20	69.40	--	--	3721.80	85.55
RW-12	9/29/21	3791.20	69.50	--	--	3721.70	85.55
RW-12	10/27/21	3791.20	69.56	--	--	3721.64	85.55
RW-12	11/10/21	3791.20	69.57	--	--	3721.63	85.55
RW-12	12/21/21	3791.20	69.64	--	--	3721.56	85.55
RW-12	1/24/22	3791.20	69.71	--	--	3721.49	85.55
RW-12	2/10/22	3791.20	69.77	--	--	3721.43	85.50
RW-12	3/17/22	3791.20	69.87	--	--	3721.33	85.50
RW-12	4/13/22	3791.20	69.99	--	--	3721.21	85.50
RW-12	5/4/22	3791.20	69.93	--	--	3721.27	82.01
RW-12	6/14/22	3791.20	70.04	--	--	3721.16	82.01
RW-12	7/26/22	3791.20	70.12	--	--	3721.08	82.01
RW-12	8/22/22	3791.20	70.18	--	--	3721.02	82.01
RW-12	11/7/22	3791.20	70.34	--	--	3720.86	82.01
RW-12	2/9/23	3791.20	70.59	--	--	3720.61	85.38
RW-12	5/4/23	3791.20	70.78	--	--	3720.42	85.38
RW-12	8/9/23	3791.20	70.94	--	--	3720.26	--
RW-12	11/8/23	3791.20	71.11	--	--	3720.09	--
RW-13	2/11/20	3791.08	73.32	67.39	5.93	3722.56	84.33
RW-13	4/28/20	3791.08	--	--	--	--	--
RW-13	5/12/20	3791.08	71.57	67.75	3.82	3722.60	--
RW-13	6/19/20	3791.08	73.31	67.43	5.88	3722.53	--
RW-13	7/29/20	3791.08	74.04	67.74	6.30	3722.14	--
RW-13	8/27/20	3791.08	73.56	67.57	5.99	3722.37	--
RW-13	9/14/20	3791.08	73.88	67.61	6.27	3722.28	--
RW-13	10/29/20	3791.08	71.80	68.09	3.71	3722.29	--
RW-13	12/7/20	3791.08	--	--	--	--	--
RW-13	1/25/21	3791.08	73.66	67.96	5.70	3722.04	--
RW-13	2/8/21	3791.08	73.85	67.95	5.90	3722.01	81.83
RW-13	3/22/21	3791.08	74.32	68.07	6.25	3721.82	--

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-13	5/3/21	3791.08	74.26	68.09	6.17	3721.82	--
RW-13	5/10/21	3791.08	74.29	68.10	6.19	3721.80	--
RW-13	7/28/21	3791.08	--	--	--	--	--
RW-13	8/10/21	3791.08	74.65	68.66	5.99	3721.28	--
RW-13	9/29/21	3791.08	71.46	68.85	2.61	3721.73	81.83
RW-13	10/27/21	3791.08	Pump	--	--	--	81.83
RW-13	11/10/21	3791.08	75.18	68.73	6.45	3721.12	81.83
RW-13	12/21/21	3791.08	Pump	--	--	--	81.83
RW-13	1/24/22	3791.08	Pump	--	--	--	81.83
RW-13	2/10/22	3791.08	73.62	69.22	4.40	3721.02	--
RW-13	3/17/22	3791.08	72.05	69.68	2.37	3720.95	82.01
RW-13	4/13/22	3791.08	Pump	--	--	--	82.01
RW-13	5/4/22	3791.08	71.82	69.78	2.04	3720.91	82.01
RW-13	6/14/22	3791.08	Pump	--	--	--	82.01
RW-13	7/26/22	3791.08	Pump	--	--	--	82.01
RW-13	8/23/22	3791.08	Pump	--	--	--	82.01
RW-13	11/7/22	3792.08	75.59	69.67	5.92	3721.29	82.01
RW-13	11/28/22	3792.08	75.95	69.60	6.35	3721.27	82.01
RW-13	2/9/23	3792.08	75.25	69.71	5.54	3721.32	82.01
RW-13	5/4/23	3792.08	74.90	70.31	4.59	3720.90	82.13
RW-13	8/9/23	3792.08	74.17	70.56	3.61	3720.83	--
RW-13	11/8/23	3792.08	74.25	70.56	3.69	3720.82	--
RW-14	2/11/20	3790.92	73.69	67.48	6.21	3722.26	81.46
RW-14	4/21/20	3790.92	77.16	66.94	10.22	3722.04	--
RW-14	4/28/20	3790.92	--	--	--	--	--
RW-14	5/12/20	3790.92	74.44	67.31	7.13	3722.26	--
RW-14	6/19/20	3790.92	--	--	--	--	--
RW-14	7/29/20	3790.92	--	--	--	--	--
RW-14	8/27/20	3790.92	--	--	--	--	--
RW-14	9/14/20	3790.69	74.74	67.80	6.94	3721.57	--
RW-14	10/29/20	3790.69	76.77	67.42	9.35	3721.49	--
RW-14	12/7/20	3791.08	--	--	--	--	--
RW-14	1/25/21	3791.08	--	--	--	--	--
RW-14	2/8/21	3790.69	76.55	67.71	8.84	3721.30	79.41
RW-14	3/22/21	3791.08	--	--	--	--	--
RW-14	5/3/21	3791.08	--	--	--	--	--
RW-14	5/10/21	3791.08	74.93	68.20	6.73	3721.60	--
RW-14	7/28/21	3791.08	--	--	--	--	--
RW-14	8/10/21	3791.08	75.88	68.51	7.37	3721.17	--
RW-14	9/29/21	3791.08	76.22	68.63	7.59	3721.01	79.41
RW-14	10/27/21	3791.08	75.30	68.66	6.64	3721.16	79.41
RW-14	11/10/21	3791.08	75.31	68.66	6.65	3721.16	79.41
RW-14	12/21/21	3791.08	75.39	68.75	6.64	3721.07	79.41
RW-14	1/24/22	3791.08	75.94	68.66	7.28	3721.04	79.41
RW-14	2/10/22	3791.08	76.12	68.87	7.25	3720.83	--
RW-14	3/10/22	3791.08	76.19	68.97	7.22	3720.74	--
RW-14	3/10/22	3791.08	70.34	70.04	0.30	3720.98	--
RW-14	3/17/22	3791.08	74.45	69.28	5.17	3720.82	--
RW-14	3/25/22	3791.08	75.51	69.10	6.41	3720.76	79.65
RW-14	3/25/22	3791.08	70.48	--	--	3720.60	79.65
RW-14	3/31/22	3791.08	73.11	69.54	3.57	3720.86	79.65
RW-14	3/31/22	3791.08	70.52	70.30	0.22	3720.74	79.65
RW-14	4/7/22	3791.08	73.25	69.49	3.76	3720.88	79.65
RW-14	4/7/22	3791.08	74.73	74.44	0.29	3716.58	79.65
RW-14	4/13/22	3791.08	73.13	69.64	3.49	3720.78	79.65
RW-14	4/21/22	3791.08	74.36	69.37	4.99	3720.76	79.65
RW-14	4/21/22	3791.08	70.93	70.54	0.39	3720.47	79.65
RW-14	4/28/22	3791.08	73.94	69.44	4.50	3720.79	79.65
RW-14	4/28/22	3791.08	71.77	71.02	0.75	3719.92	79.65
RW-14	5/4/22	3791.08	72.83	69.62	3.21	3720.85	79.65
RW-14	5/12/22	3791.08	74.17	69.38	4.79	3720.79	79.65
RW-14	5/12/22	3791.08	72.13	70.69	1.44	3720.12	79.65
RW-14	5/23/22	3791.08	74.92	69.53	5.39	3720.53	79.65
RW-14	5/23/22	3791.08	71.10	70.97	0.13	3720.09	79.65
RW-14	5/31/22	3791.08	72.71	69.72	2.99	3720.79	79.65
RW-14	5/31/22	3791.08	71.04	71.02	0.02	3720.06	79.65
RW-14	6/6/22	3791.08	72.52	69.78	2.74	3720.78	79.65
RW-14	6/6/22	3791.08	70.98	--	--	3720.10	79.65
RW-14	6/14/22	3791.08	72.18	69.86	2.32	3720.78	79.65
RW-14	6/30/22	3791.08	74.36	69.49	4.87	3720.66	79.65
RW-14	6/30/22	3791.08	72.03	70.20	1.83	3720.53	79.65
RW-14	7/7/22	3791.08	73.69	69.62	4.07	3720.69	79.65
RW-14	7/7/22	3791.08	70.74	70.61	0.13	3720.45	79.65
RW-14	7/20/22	3791.08	73.42	69.68	3.74	3720.69	79.65
RW-14	7/20/22	3791.08	70.54	70.50	0.04	3720.57	79.65
RW-14	7/26/22	3791.08	72.16	69.94	2.22	3720.72	79.65
RW-14	8/1/22	3791.08	73.06	69.79	3.27	3720.67	79.65
RW-14	8/1/22	3791.08	72.03	71.99	0.04	3719.08	79.65
RW-14	8/8/22	3791.08	72.15	69.99	2.16	3720.68	79.65
RW-14	8/8/22	3791.08	71.62	71.59	0.03	3719.48	79.65
RW-14	8/23/22	3791.08	72.89	69.89	3.00	3720.62	79.65
RW-14	8/29/22	3791.08	73.51	69.78	3.73	3720.59	79.65
RW-14	8/29/22	3791.08	71.02	70.69	0.33	3720.33	79.65
RW-14	9/6/22	3791.08	72.55	69.99	2.56	3720.60	79.65
RW-14	9/6/22	3791.08	71.11	70.92	0.19	3720.12	79.65
RW-14	9/12/22	3791.08	72.73	70.04	2.69	3720.53	79.65
RW-14	9/12/22	3791.08	71.82	71.33	0.49	3719.66	79.65
RW-14	9/19/22	3791.08	72.71	69.98	2.73	3720.58	79.65
RW-14	9/19/22	3791.08	71.76	71.42	0.34	3719.60	79.65
RW-14	10/10/22	3791.08	72.81	70.07	2.74	3720.49	79.65
RW-14	10/10/22	3791.08	71.49	70.98	0.51	3720.00	79.65
RW-14	10/17/22	3791.08	71.84	70.07	1.77	3720.67	79.65
RW-14	10/17/22	3791.08	71.47	70.92	0.55	3720.06	79.65
RW-14	10/23/22	3791.08	72.69	69.92	2.77	3720.63	79.65
RW-14	10/23/22	3791.08	71.34	71.21	0.13	3719.85	79.65
RW-14	11/7/22	3791.08	72.63	70.38	2.25	3720.27	79.65
RW-14	11/21/22	3791.08	73.96	70.09	3.87	3720.25	79.65
RW-14	12/2/22	3791.08	72.39	70.26	2.13	3720.42	79.65
RW-14	12/5/22	3791.08	71.19	70.45	0.74	3720.49	79.65
RW-14	12/12/22	3791.08	71.62	70.48	1.14	3720.38	79.65
RW-14	12/20/22	3791.08	72.02	70.46	1.56	3720.32	79.65
RW-14	1/16/23	3791.08	71.82	70.42	1.40	3720.39	79.65
RW-14	2/9/23	3791.08	72.66	70.18	2.48	3720.43	79.65
RW-14	2/27/23	3791.08	73.90	70.17	3.73	3720.20	79.65
RW-14	3/23/23	3791.08	72.93	70.68	2.25	3719.97	79.65
RW-14	4/4/23	3791.08	72.72	70.51	2.21	3720.15	79.65
RW-14	4/10/23	3791.08	73.02	70.42	2.60	3720.17	79.65
RW-14	5/4/23	3791.08	73.67	70.41	3.26	3720.05	79.65
RW-14	5/18/23	3791.08	74.31	70.36	3.95	3719.97	79.65
RW-14	6/15/23	3791.08	74.35	70.31	4.04	3720.00	79.65
RW-14	6/19/23	3791.08	74.33	70.52	3.81	3719.84	79.65
RW-14	7/11/23	3791.08	74.39	70.38	4.01	3719.94	79.65
RW-14	7/17/23	3791.08	70.46	70.46	0.00	3720.62	79.65
RW-14	7/31/23	3791.08	74.77	70.39	4.38	3719.86	--
RW-14	8/9/23	3791.08	75.02	70.37	4.65	3719.83	--
RW-14	8/15/23	3791.08	75.16	70.36	4.80	3719.81	--
RW-14	8/21/23	3791.08	75.43	70.43	5.00	3719.70	--
RW-14	8/29/23	3791.08	75.47	70.33	5.14	3719.77	--
RW-14	9/5/23	3791.08	75.65	70.37	5.28	3719.71	--
RW-14	9/11/23	3791.08	75.74	70.32	5.42	3719.73	--
RW-14	9/18/23	3791.08	75.93	70.34	5.59	3719.68	--
RW-14	9/26/23	3791.08	76.05	70.33	5.72	3719.66	--
RW-14	10/2/23	3791.08	76.09	70.29	5.80	3719.69	--

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-14	10/9/23	3791.08	76.12	70.27	5.85	3719.70	--
RW-14	10/16/23	3791.08	76.02	70.22	5.80	3719.76	--
RW-14	10/26/23	3791.08	76.06	70.18	5.88	3719.78	--
RW-14	10/30/23	3791.08	76.05	70.24	5.81	3719.74	--
RW-14	11/8/23	3791.08	76.14	70.22	5.92	3719.74	--
RW-14	11/27/23	3791.08	76.06	70.33	5.73	3719.66	--
RW-14	12/4/23	3791.08	76.06	70.33	5.73	3719.66	--
RW-14	12/18/23	3791.08	76.08	70.21	5.87	3719.76	--
RW-15	2/28/20	3789.74	--	--	--	--	--
RW-15	3/12/20	3789.74	67.53	--	--	3722.21	90.89
RW-15	3/23/20	3789.74	67.65	67.64	0.01	3722.10	90.96
RW-15	4/28/20	3789.74	67.71	--	--	3722.03	--
RW-15	5/12/20	3789.74	67.72	67.70	0.02	3722.04	--
RW-15	6/19/20	3789.74	67.84	67.79	0.05	3721.94	--
RW-15	7/29/20	3789.74	68.00	67.75	0.25	3721.94	--
RW-15	8/27/20	3789.74	68.11	67.89	0.22	3721.81	--
RW-15	9/14/20	3789.74	68.21	67.95	0.26	3721.74	--
RW-15	10/29/20	3789.74	68.43	68.00	0.43	3721.66	--
RW-15	12/7/20	3789.74	68.59	68.07	0.52	3721.57	--
RW-15	1/25/21	3789.74	68.80	68.18	0.62	3721.44	--
RW-15	2/8/21	3789.74	68.84	68.21	0.63	3721.41	90.85
RW-15	3/22/21	3789.74	69.00	68.31	0.69	3721.30	--
RW-15	5/3/21	3789.74	69.09	68.38	0.71	3721.23	--
RW-15	5/10/21	3789.74	69.12	68.37	0.75	3721.23	--
RW-15	7/28/21	3789.74	69.46	68.56	0.90	3721.01	--
RW-15	8/10/21	3789.74	69.49	68.56	0.93	3721.00	--
RW-15	9/29/21	3789.74	69.66	68.64	1.02	3720.91	90.85
RW-15	10/27/21	3789.74	69.70	68.68	1.02	3720.87	90.85
RW-15	11/10/21	3789.74	69.72	68.68	1.04	3720.86	90.85
RW-15	12/21/21	3789.74	70.11	68.74	1.37	3720.74	90.85
RW-15	1/24/22	3789.74	70.23	68.80	1.43	3720.67	90.85
RW-15	2/10/22	3789.74	70.39	68.80	1.59	3720.64	--
RW-15	3/10/22	3789.74	70.61	68.87	1.74	3720.54	--
RW-15	3/10/22	3789.74	69.53	69.10	0.43	3720.56	--
RW-15	3/17/22	3789.74	69.66	69.06	0.60	3720.57	--
RW-15	3/25/22	3789.74	69.26	69.07	0.19	3720.63	91.33
RW-15	4/13/22	3789.74	69.74	69.37	0.37	3720.30	91.33
RW-15	5/4/22	3789.74	70.00	69.10	0.90	3720.47	91.33
RW-15	6/14/22	3789.74	70.30	69.15	1.15	3720.37	91.33
RW-15	6/30/22	3789.74	70.45	69.20	1.25	3720.30	91.33
RW-15	6/30/22	3789.74	69.50	69.34	0.16	3720.37	91.33
RW-15	7/7/22	3789.74	69.70	69.34	0.36	3720.33	91.33
RW-15	7/20/22	3789.74	69.82	69.35	0.47	3720.30	91.33
RW-15	7/26/22	3789.74	69.83	69.35	0.48	3720.30	91.33
RW-15	8/23/22	3789.74	70.00	69.40	0.60	3720.23	91.33
RW-15	11/7/22	3789.74	70.72	69.45	1.27	3720.05	91.33
RW-15	12/5/22	3789.74	70.89	69.49	1.40	3719.98	91.33
RW-15	12/12/22	3789.74	69.99	69.71	0.28	3719.98	91.33
RW-15	12/20/22	3789.74	69.88	69.73	0.15	3719.98	91.33
RW-15	1/16/23	3789.74	70.04	69.75	0.29	3719.93	91.33
RW-15	2/9/23	3789.74	70.25	69.82	0.43	3719.84	91.33
RW-15	2/27/23	3789.74	70.25	69.82	0.43	3719.84	91.33
RW-15	3/23/23	3789.74	70.01	69.82	0.19	3719.88	91.33
RW-15	4/4/23	3789.74	70.62	69.87	0.75	3719.73	91.33
RW-15	4/10/23	3789.74	70.61	69.85	0.76	3719.75	91.33
RW-15	5/4/23	3789.74	70.76	69.94	0.82	3719.64	91.33
RW-15	5/18/23	3789.74	70.82	69.95	0.87	3719.63	91.33
RW-15	6/15/23	3789.74	70.83	69.96	0.87	3719.62	91.33
RW-15	6/19/23	3789.74	71.00	69.96	1.04	3719.58	91.33
RW-15	7/11/23	3789.74	70.84	70.06	0.78	3719.53	91.33
RW-15	7/17/23	3789.74	70.93	70.15	0.78	3719.44	91.33
RW-15	7/31/23	3789.74	70.67	70.19	0.48	3719.46	--
RW-15	8/9/23	3789.74	70.69	70.17	0.52	3719.47	--
RW-15	8/15/23	3789.74	70.95	70.13	0.82	3719.45	--
RW-15	8/21/23	3789.74	71.15	70.21	0.94	3719.35	--
RW-15	9/5/23	3789.74	70.92	70.29	0.63	3719.33	--
RW-15	9/11/23	3789.74	70.92	70.23	0.69	3719.38	--
RW-15	9/18/23	3789.74	70.98	70.27	0.71	3719.34	--
RW-15	9/26/23	3789.74	71.06	70.28	0.78	3719.31	--
RW-15	10/2/23	3789.74	71.06	70.29	0.77	3719.30	--
RW-15	10/9/23	3789.74	71.09	70.31	0.78	3719.28	--
RW-15	10/16/23	3789.74	71.14	70.38	0.76	3719.22	--
RW-15	10/26/23	3789.74	71.14	70.40	0.74	3719.20	--
RW-15	10/30/23	3789.74	71.16	70.35	0.81	3719.24	--
RW-15	11/8/23	3789.74	71.14	70.30	0.84	3719.28	--
RW-15	11/27/23	3789.74	71.07	70.26	0.81	3719.33	--
RW-15	12/4/23	3789.74	71.07	70.26	0.81	3719.33	--
RW-15	12/18/23	3789.74	71.18	70.38	0.80	3719.21	--
RW-16	3/2/20	3789.70	67.28	--	0.00	3722.42	91.15
RW-16	3/12/20	3789.70	69.54	67.70	1.84	3721.65	90.9
RW-16	3/23/20	3789.70	71.85	67.32	4.53	3721.52	91
RW-16	4/28/20	3789.70	73.10	67.11	5.99	3721.45	--
RW-16	5/12/20	3789.70	72.88	67.20	5.68	3721.42	--
RW-16	6/19/20	3789.70	--	--	--	--	--
RW-16	7/29/20	3789.70	--	--	--	--	--
RW-16	8/27/20	3789.70	--	--	--	--	--
RW-16	9/14/20	3789.70	72.62	66.71	5.91	3721.87	--
RW-16	10/29/20	3789.70	73.03	67.64	5.39	3721.04	--
RW-16	12/7/20	3789.70	--	--	--	--	--
RW-16	1/25/21	3789.70	--	--	--	--	--
RW-16	2/8/21	3789.70	73.13	63.86	9.27	3724.08	90.99
RW-16	3/22/21	3789.70	--	--	--	--	--
RW-16	5/3/21	3789.70	--	--	--	--	--
RW-16	5/10/21	3789.70	73.32	68.10	5.22	3720.61	--
RW-16	7/28/21	3789.70	--	--	--	--	--
RW-16	8/10/21	3789.70	74.77	68.12	6.65	3720.32	--
RW-16	9/29/21	3789.70	72.14	68.17	3.97	3720.78	90.99
RW-16	10/27/21	3789.70	Pump	--	--	--	90.99
RW-16	11/10/21	3789.70	75.63	68.26	7.37	3720.04	90.99
RW-16	12/21/21	3789.70	Pump	--	--	--	90.99
RW-16	1/24/22	3789.70	Pump	--	--	--	90.99
RW-16	2/10/22	3789.70	74.38	68.68	5.70	3719.94	--
RW-16	3/17/22	3789.70	74.64	68.69	5.95	3719.88	90.51
RW-16	4/13/22	3789.70	Pump	--	--	--	90.51
RW-16	5/4/22	3789.70	74.99	69.11	5.88	3719.47	90.51
RW-16	6/14/22	3789.70	Pump	--	--	--	90.51
RW-16	7/26/22	3789.70	Pump	--	--	--	90.51
RW-16	8/23/22	3789.70	Pump	--	--	--	90.51
RW-16	11/7/22	3789.70	75.01	68.18	6.83	3720.22	90.51
RW-16	11/28/22	3789.70	75.07	68.38	6.69	3720.05	90.51
RW-16	2/9/23	3789.70	75.87	69.70	6.17	3718.83	90.51
RW-16	5/4/23	3789.70	74.95	68.75	6.20	3719.77	89.80
RW-16	8/9/23	3789.70	74.97	69.25	5.72	3719.36	--
RW-16	11/8/23	3789.70	74.64	69.57	5.07	3719.17	--
RW-17	3/2/20	3790.62	67.94	--	0.00	3722.68	90.85
RW-17	3/12/20	3790.62	68.18	67.93	0.25	3722.64	90.85
RW-17	3/23/20	3790.62	68.52	68.00	0.52	3722.52	90.97
RW-17	4/28/20	3790.62	69.61	67.84	1.77	3722.44	--
RW-17	5/12/20	3790.62	70.30	67.70	2.60	3722.43	--
RW-17	6/19/20	3790.62	72.75	67.27	5.48	3722.31	--
RW-17	7/29/20	3790.62	73.55	67.20	6.35	3722.21	--
RW-17	8/27/20	3790.62	73.63	67.25	6.38	3722.16	--
RW-17	9/14/20	3790.62	73.65	67.31	6.34	3722.11	--
RW-17	10/29/20	3790.62	73.70	67.42	6.28	3722.01	--
RW-17	12/7/20	3790.62	73.75	67.51	6.24	3721.92	--
RW-17	1/25/21	3790.62	73.82	67.65	6.17	3721.80	--
RW-17	2/8/21	3790.62	73.83	67.66	6.17	3721.79	90.85
RW-17	3/22/21	3790.62	73.90	67.77	6.13	3721.69	--
RW-17	5/3/21	3790.62	73.96	67.50	6.46	3721.89	--
RW-17	5/10/21	3790.62	73.97	67.86	6.11	3721.60	--
RW-17	7/28/21	3790.62	74.13	68.05	6.08	3721.41	--
RW-17	8/10/21	3790.62	74.16	68.09	6.07	3721.38	--
RW-17	9/29/21	3790.62	74.30	68.18	6.12	3721.28	90.85
RW-17	10/27/21	3790.62	74.33	68.22	6.11	3721.24	90.85
RW-17	11/10/21	3790.62	74.33	68.22	6.11	3721.24	90.85

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-17	12/21/21	3790.62	74.45	68.34	6.11	3721.12	90.85
RW-17	1/24/22	3790.62	74.53	68.41	6.12	3721.05	90.85
RW-17	2/10/22	3790.62	74.52	68.44	6.08	3721.02	--
RW-17	3/10/22	3790.62	74.66	68.53	6.13	3720.93	--
RW-17	3/10/22	3790.62	70.55	69.44	1.11	3720.97	--
RW-17	3/17/22	3790.62	74.05	68.66	5.39	3720.94	90.98
RW-17	3/25/22	3790.62	74.62	68.58	6.04	3720.89	90.98
RW-17	3/25/22	3790.62	69.72	69.60	0.12	3721.00	90.98
RW-17	3/31/22	3790.62	73.29	69.87	3.42	3720.10	90.98
RW-17	3/31/22	3790.62	70.02	69.65	0.37	3720.90	90.98
RW-17	4/13/22	3790.62	73.44	69.94	3.50	3720.02	90.98
RW-17	4/21/22	3790.62	74.17	68.68	5.49	3720.90	90.98
RW-17	4/21/22	3790.62	70.59	69.98	0.61	3720.52	90.98
RW-17	4/28/22	3790.62	74.53	68.70	5.83	3720.81	90.98
RW-17	4/28/22	3790.62	70.36	69.54	0.82	3720.92	90.98
RW-17	5/4/22	3790.62	74.00	68.77	5.23	3720.86	90.98
RW-17	5/12/22	3790.62	74.59	68.65	5.94	3720.84	90.98
RW-17	5/12/22	3790.62	70.89	70.11	0.78	3720.36	90.98
RW-17	5/23/22	3790.62	74.61	68.75	5.86	3720.76	90.98
RW-17	5/23/22	3790.62	69.96	69.79	0.17	3720.80	90.98
RW-17	5/31/22	3790.62	72.86	68.89	3.97	3720.98	90.98
RW-17	5/31/22	3790.62	70.90	70.88	0.02	3719.74	90.98
RW-17	6/6/22	3790.62	73.34	69.00	4.34	3720.80	90.98
RW-17	6/6/22	3790.62	70.63	--	0.00	3719.99	90.98
RW-17	6/14/22	3790.62	73.81	68.93	4.88	3720.76	90.98
RW-17	6/30/22	3790.62	74.73	68.79	5.94	3720.70	90.98
RW-17	6/30/22	3790.62	70.42	69.75	0.67	3720.74	90.98
RW-17	7/7/22	3790.62	73.84	68.98	4.86	3720.72	90.98
RW-17	7/7/22	3790.62	70.26	69.77	0.49	3720.76	90.98
RW-17	7/20/22	3790.62	74.59	68.83	5.76	3720.70	90.98
RW-17	7/20/22	3790.62	70.04	69.83	0.21	3720.75	90.98
RW-17	7/26/22	3790.62	73.33	69.11	4.22	3720.71	90.98
RW-17	8/1/22	3790.62	74.07	68.47	5.60	3721.09	90.98
RW-17	8/1/22	3790.62	70.43	70.11	0.32	3720.45	90.98
RW-17	8/8/22	3790.62	73.85	69.03	4.82	3720.67	90.98
RW-17	8/8/22	3790.62	70.72	70.69	0.03	3719.92	90.98
RW-17	8/23/22	3790.62	74.17	68.92	5.25	3720.70	90.98
RW-17	8/29/22	3790.62	74.81	68.91	5.90	3720.59	90.98
RW-17	8/29/22	3790.62	70.59	69.81	0.78	3720.66	90.98
RW-17	9/6/22	3790.62	74.18	69.06	5.12	3720.59	90.98
RW-17	9/6/22	3790.62	70.58	70.56	0.02	3720.06	90.98
RW-17	9/12/22	3790.62	74.75	69.13	5.62	3720.42	90.98
RW-17	9/12/22	3790.62	70.49	70.03	0.46	3720.50	90.98
RW-17	9/19/22	3790.62	74.70	68.98	5.72	3720.55	90.98
RW-17	9/19/22	3790.62	70.52	69.89	0.63	3720.61	90.98
RW-17	10/10/22	3790.62	75.15	69.21	5.94	3720.28	90.98
RW-17	10/10/22	3790.62	72.46	71.30	1.16	3719.10	90.98
RW-17	10/17/22	3790.62	74.25	69.23	5.02	3720.44	90.98
RW-17	10/17/22	3790.62	70.82	70.19	0.63	3720.31	90.98
RW-17	10/23/22	3790.62	75.05	69.01	6.04	3720.46	90.98
RW-17	10/23/22	3790.62	70.81	70.22	0.59	3720.29	90.98
RW-17	11/7/22	3790.62	74.00	69.32	4.68	3720.41	90.98
RW-17	11/21/22	3790.62	75.09	69.07	6.02	3720.41	90.98
RW-17	12/2/22	3790.62	74.78	69.26	5.52	3720.31	90.98
RW-17	12/5/22	3790.62	72.59	69.72	2.87	3720.35	90.98
RW-17	12/12/22	3790.62	73.81	69.43	4.38	3720.36	90.98
RW-17	12/20/22	3790.62	74.11	69.39	4.72	3720.33	90.98
RW-17	1/16/23	3790.62	73.96	69.44	4.52	3720.32	90.98
RW-17	2/9/23	3790.62	75.23	69.27	5.96	3720.22	90.98
RW-17	2/27/23	3790.62	75.38	69.30	6.08	3720.16	90.98
RW-17	3/23/23	3790.62	74.86	69.55	5.31	3720.06	90.98
RW-17	4/4/23	3790.62	73.52	69.76	3.76	3720.15	90.98
RW-17	4/10/23	3790.62	74.97	69.45	5.52	3720.12	90.98
RW-17	5/4/23	3790.62	75.57	69.42	6.15	3720.03	90.94
RW-17	5/18/23	3790.62	75.63	69.46	6.17	3719.99	90.94
RW-17	6/15/23	3790.62	75.60	69.44	6.16	3720.01	90.94
RW-17	6/19/23	3790.62	75.76	69.50	6.26	3719.93	90.94
RW-17	7/11/23	3790.62	75.98	69.50	6.48	3719.89	90.94
RW-17	7/17/23	3790.62	75.59	69.55	6.04	3719.92	90.94
RW-17	7/31/23	3790.62	75.89	69.95	5.94	3719.54	--
RW-17	8/9/23	3790.62	75.90	69.59	6.31	3719.83	--
RW-17	8/15/23	3790.62	75.93	69.73	6.20	3719.71	--
RW-17	8/21/23	3790.62	75.99	69.68	6.31	3719.74	--
RW-17	9/5/23	3790.62	76.00	69.69	6.31	3719.73	--
RW-17	9/11/23	3790.62	76.01	69.69	6.32	3719.73	--
RW-17	9/18/23	3790.62	76.06	69.70	6.36	3719.71	--
RW-17	9/26/23	3790.62	76.09	69.76	6.33	3719.66	--
RW-17	10/2/23	3790.62	76.10	69.74	6.36	3719.67	--
RW-17	10/9/23	3790.62	76.11	69.71	6.40	3719.69	--
RW-17	10/16/23	3790.62	76.14	69.69	6.45	3719.71	--
RW-17	10/26/23	3790.62	76.15	69.69	6.46	3719.70	--
RW-17	10/30/23	3790.62	76.12	69.67	6.45	3719.73	--
RW-17	11/8/23	3790.62	76.18	69.67	6.51	3719.71	--
RW-17	11/27/23	3790.62	76.11	69.71	6.40	3719.69	--
RW-17	12/4/23	3790.62	76.11	69.71	6.40	3719.69	--
RW-17	12/18/23	3790.62	76.11	69.69	6.42	3719.71	--
RW-18	3/3/20	3790.85	--	--	--	--	--
RW-18	3/12/20	3790.85	69.02	67.45	1.57	3723.10	90.75
RW-18	3/23/20	3790.85	71.76	67.00	4.76	3722.95	90.84
RW-18	4/28/20	3790.85	73.25	66.75	6.50	3722.87	--
RW-18	5/12/20	3790.85	72.80	66.84	5.96	3722.88	--
RW-18	6/19/20	3790.85	--	--	--	--	--
RW-18	7/29/20	3790.85	--	--	--	--	--
RW-18	8/27/20	3790.85	--	--	--	--	--
RW-18	9/14/20	3790.85	73.97	67.51	6.46	3722.11	--
RW-18	10/29/20	3790.85	74.06	67.58	6.48	3722.04	--
RW-18	12/7/20	3790.85	--	--	--	--	--
RW-18	1/25/21	3790.85	--	--	--	--	--
RW-18	2/8/21	3790.85	74.17	67.82	6.35	3721.82	90.67
RW-18	3/22/21	3790.85	--	--	--	--	--
RW-18	5/3/21	3790.85	--	--	--	--	--
RW-18	5/10/21	3790.85	74.65	67.94	6.71	3721.64	--
RW-18	7/28/21	3790.85	--	--	--	--	--
RW-18	8/10/21	3790.85	75.09	68.25	6.84	3721.30	--
RW-18	9/29/21	3790.85	72.33	68.35	3.98	3721.74	90.67
RW-18	10/27/21	3790.85	Pump	--	--	--	90.67
RW-18	11/10/21	3790.85	74.55	68.48	6.07	3721.22	90.67
RW-18	12/21/21	3790.85	Pump	--	--	--	90.67
RW-18	1/24/22	3790.85	Pump	--	--	--	90.67
RW-18	2/10/22	3790.85	73.95	68.84	5.11	3721.04	--
RW-18	3/17/22	3790.85	74.33	68.90	5.43	3720.92	90.12
RW-18	4/13/22	3790.85	Pump	--	--	--	90.12
RW-18	5/4/22	3790.85	74.13	68.99	5.14	3720.88	90.12
RW-18	6/14/22	3790.85	Pump	--	--	--	90.12
RW-18	7/26/22	3790.85	Pump	--	--	--	90.12
RW-18	8/23/22	3790.85	Pump	--	--	--	90.12
RW-18	11/7/22	3790.85	75.08	69.26	5.82	3720.48	90.12
RW-18	11/28/22	3790.85	75.24	69.32	5.92	3720.41	90.12
RW-18	2/9/23	3790.85	75.48	69.49	5.99	3720.22	90.12
RW-18	5/4/23	3790.85	74.83	69.85	4.98	3720.05	90.01
RW-18	8/9/23	3790.85	75.21	70.02	5.19	3719.84	--
RW-18	11/8/23	3790.85	75.67	70.19	5.48	3719.62	--

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-19	2/27/20	3790.46	--	--	--	--	--
RW-19	3/12/20	3790.46	69.20	67.45	1.75	3722.68	90.75
RW-19	3/23/20	3790.46	70.18	67.40	2.78	3722.53	90.98
RW-19	4/28/20	3790.46	72.08	67.05	5.03	3722.45	--
RW-19	5/12/20	3790.46	72.51	66.98	5.53	3722.43	--
RW-19	6/19/20	3790.46	72.98	67.00	5.98	3722.32	--
RW-19	7/29/20	3790.46	73.15	67.06	6.09	3722.24	--
RW-19	8/27/20	3790.46	73.24	67.10	6.14	3722.19	--
RW-19	9/14/20	3790.46	73.30	67.18	6.12	3722.12	--
RW-19	10/29/20	3790.46	73.40	67.25	6.15	3722.04	--
RW-19	12/7/20	3790.46	73.52	67.33	6.19	3721.95	--
RW-19	1/25/21	3790.46	73.65	67.46	6.19	3721.82	--
RW-19	2/8/21	3790.46	73.68	67.50	6.18	3721.79	90.86
RW-19	3/22/21	3790.46	73.79	67.58	6.21	3721.70	--
RW-19	5/3/21	3790.46	73.86	67.67	6.19	3721.61	--
RW-19	5/10/21	3790.46	73.86	67.68	6.18	3721.61	--
RW-19	7/28/21	3790.46	74.11	67.86	6.25	3721.41	--
RW-19	8/10/21	3790.46	74.09	67.89	6.20	3721.39	--
RW-19	9/29/21	3790.46	74.15	67.99	6.16	3721.30	90.86
RW-19	10/27/21	3790.46	74.18	68.03	6.15	3721.26	90.86
RW-19	11/10/21	3790.46	74.20	68.05	6.15	3721.24	90.86
RW-19	12/21/21	3790.46	74.30	68.14	6.16	3721.15	90.86
RW-19	1/24/22	3790.46	74.33	68.20	6.13	3721.10	90.86
RW-19	2/10/22	3790.46	74.43	68.25	6.18	3721.04	--
RW-19	3/10/22	3790.46	74.81	68.36	6.45	3720.87	--
RW-19	3/10/22	3790.46	70.47	69.20	1.27	3721.02	--
RW-19	3/17/22	3790.46	73.44	68.58	4.86	3720.96	90.82
RW-19	3/25/22	3790.46	74.03	68.48	5.55	3720.93	90.82
RW-19	3/25/22	3790.46	69.45	--	--	3721.01	90.82
RW-19	3/31/22	3790.46	72.17	68.92	3.25	3720.92	90.82
RW-19	3/31/22	3790.46	69.91	69.44	0.47	3720.93	90.82
RW-19	4/7/22	3790.46	72.15	68.87	3.28	3720.97	90.82
RW-19	4/7/22	3790.46	70.04	69.37	0.67	3720.96	90.82
RW-19	4/13/22	3790.46	72.17	69.96	2.21	3720.08	90.82
RW-19	4/21/22	3790.46	72.20	68.78	3.42	3721.03	90.82
RW-19	4/21/22	3790.46	70.96	70.29	0.67	3720.04	90.82
RW-19	5/4/22	3790.46	73.54	68.66	4.88	3720.87	90.82
RW-19	5/12/22	3790.46	73.86	68.66	5.20	3720.81	90.82
RW-19	5/12/22	3790.46	71.02	70.37	0.65	3719.97	90.82
RW-19	6/14/22	3790.46	74.31	68.61	5.70	3720.77	90.82
RW-19	6/30/22	3790.46	74.50	68.64	5.86	3720.71	90.82
RW-19	6/30/22	3790.46	70.55	69.45	1.10	3720.80	90.82
RW-19	7/7/22	3790.46	72.82	68.99	3.83	3720.74	90.82
RW-19	7/7/22	3790.46	69.88	69.61	0.27	3720.80	90.82
RW-19	7/20/22	3790.46	73.00	68.99	4.01	3720.71	90.82
RW-19	7/20/22	3790.46	70.46	70.01	0.45	3720.36	90.82
RW-19	7/26/22	3790.46	71.36	69.34	2.02	3720.74	90.82
RW-19	8/1/22	3790.46	72.31	69.15	3.16	3720.71	90.82
RW-19	8/1/22	3790.46	69.87	69.85	0.02	3720.61	90.82
RW-19	8/8/22	3790.46	71.71	69.29	2.42	3720.71	90.82
RW-19	8/8/22	3790.46	70.12	70.00	0.12	3720.44	90.82
RW-19	8/23/22	3790.46	72.41	69.18	3.23	3720.67	90.82
RW-19	8/29/22	3790.46	73.17	69.06	4.11	3720.62	90.82
RW-19	8/29/22	3790.46	70.27	69.65	0.62	3720.69	90.82
RW-19	9/6/22	3790.46	72.01	69.31	2.70	3720.64	90.82
RW-19	9/6/22	3790.46	70.32	70.21	0.11	3720.23	90.82
RW-19	9/12/22	3790.46	72.46	69.34	3.12	3720.53	90.82
RW-19	9/12/22	3790.46	69.93	69.57	0.36	3720.82	90.82
RW-19	9/19/22	3790.46	72.36	69.27	3.09	3720.60	90.82
RW-19	9/19/22	3790.46	69.85	69.67	0.18	3720.76	90.82
RW-19	10/10/22	3790.46	73.12	69.16	3.96	3720.55	90.82
RW-19	10/10/22	3790.46	69.98	69.78	0.20	3720.64	90.82
RW-19	10/17/22	3790.46	73.24	69.37	3.87	3720.35	90.82
RW-19	10/17/22	3790.46	71.03	70.59	0.44	3719.79	90.82
RW-19	10/23/22	3790.46	72.50	69.35	3.15	3720.51	90.82
RW-19	10/23/22	3790.46	70.31	70.27	0.04	3720.18	90.82
RW-19	11/7/22	3790.46	71.19	69.70	1.49	3720.48	90.82
RW-19	11/21/22	3790.46	72.65	69.39	3.26	3720.45	90.82
RW-19	12/2/22	3790.46	71.98	69.59	2.39	3720.42	90.82
RW-19	12/5/22	3790.46	70.83	69.86	0.97	3720.42	90.82
RW-19	12/12/22	3790.46	71.09	69.89	1.20	3720.34	90.82
RW-19	12/20/22	3790.46	71.36	69.76	1.60	3720.40	90.82
RW-19	1/16/23	3790.46	71.22	69.82	1.40	3720.37	90.82
RW-19	2/9/23	3790.46	72.56	69.65	2.91	3720.26	90.82
RW-19	2/9/23	3790.46	73.56	69.47	4.09	3720.21	90.82
RW-19	3/23/23	3790.46	71.75	69.99	1.76	3720.14	90.82
RW-19	4/4/23	3790.46	72.70	69.73	2.97	3720.17	90.82
RW-19	4/10/23	3790.46	73.01	69.66	3.35	3720.16	90.82
RW-19	5/4/23	3790.46	72.72	69.82	2.90	3720.09	90.71
RW-19	5/18/23	3790.46	73.43	69.71	3.72	3720.04	90.71
RW-19	6/15/23	3790.46	75.63	69.74	5.89	3719.60	90.71
RW-19	6/19/23	3790.46	73.34	69.78	3.56	3720.00	90.71
RW-19	7/11/23	3790.46	75.63	69.73	5.90	3719.61	90.71
RW-19	7/17/23	3790.46	75.66	69.89	5.77	3719.47	90.71
RW-19	7/31/23	3790.46	73.62	69.86	3.76	3719.89	--
RW-19	8/9/23	3790.46	73.91	69.82	4.09	3719.86	--
RW-19	8/15/23	3790.46	74.06	69.85	4.21	3719.81	--
RW-19	8/21/23	3790.46	74.05	69.81	4.24	3719.84	--
RW-19	9/5/23	3790.46	74.59	69.80	4.79	3719.75	--
RW-19	9/11/23	3790.46	74.61	69.77	4.84	3719.77	--
RW-19	9/18/23	3790.46	74.74	69.80	4.94	3719.72	--
RW-19	9/26/23	3790.46	74.81	69.78	5.03	3719.72	--
RW-19	10/2/23	3790.46	74.76	69.77	4.99	3719.74	--
RW-19	10/9/23	3790.46	74.73	69.75	4.98	3719.76	--
RW-19	10/16/23	3790.46	74.76	69.81	4.95	3719.71	--
RW-19	10/26/23	3790.46	74.77	69.84	4.93	3719.68	--
RW-19	10/30/23	3790.46	74.77	69.79	4.98	3719.72	--
RW-19	11/8/23	3790.46	74.74	69.81	4.93	3719.71	--
RW-19	11/27/23	3790.46	74.81	69.80	5.01	3719.71	--
RW-19	12/4/23	3790.46	74.81	69.80	5.01	3719.71	--
RW-19	12/18/23	3790.46	74.75	69.78	4.97	3719.74	--

Notes:
1. NAVD88 - North American Vertical Datum of 1988
2. BTOC - Below Top-of-Casing
3. LNAPL - Light Non-Aqueous Phase Liquids
4. -- = No gauging data collected on corresponding date
5. Pump - Pump installed in corresponding recovery well
6. Dry - No fluid column measured in corresponding monitoring or recovery well
7. P&A - Plugged and Abandoned
8. NA - Not Available
9. 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. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-1	6/15/11	3787.62	67.62	60.03	7.59	3726.15	68.1
MW-1	9/7/11	3787.62	LNAPL	60.00	8.10	--	68.1
MW-1	11/29/11	3787.62	LNAPL	60.15	7.96	--	68.11
MW-1	3/5/12	3787.62	LNAPL	60.30	7.95	--	68.25
MW-1	4/18/12	3787.62	--	--	--	--	--
MW-1	4/24/12	3787.62	--	--	--	--	--
MW-1	4/25/12	3787.62	--	--	--	--	--
MW-1	6/5/12	3787.62	LNAPL	60.42	7.75	--	68.17
MW-1	6/19/12	3787.62	LNAPL	60.43	7.67	--	68.1
MW-1	6/20/12	3787.62	--	--	--	--	--
MW-1	6/26/12	3787.62	LNAPL	60.45	7.56	--	68.01
MW-1	9/11/12	3787.62	68.52	60.61	7.91	--	--
MW-1	12/4/12	3787.62	LNAPL	62.73	5.42	--	68.15
MW-1	2/18/13	3787.62	LNAPL	61.83	6.27	--	68.1
MW-1	3/5/13	3787.62	LNAPL	63.80	6.18	--	69.98
MW-1	6/4/13	3787.62	LNAPL	63.96	6.02	--	69.98
MW-1	8/27/13	3787.62	LNAPL	61.64	6.69	--	68.33
MW-1	9/24/13	3787.62	--	--	--	--	--
MW-1	10/29/13	3787.62	LNAPL	61.80	6.60	--	68.4
MW-1	11/6/13	3787.62	LNAPL	61.75	6.66	--	68.41
MW-1	11/11/13	3787.62	LNAPL	61.84	6.51	--	68.35
MW-1	11/19/13	3787.62	LNAPL	61.85	6.70	--	68.55
MW-1	11/25/13	3787.62	LNAPL	61.93	6.49	--	68.42
MW-1	12/3/13	3787.62	LNAPL	61.93	6.49	--	--
MW-1	12/10/13	3787.62	--	--	--	--	--
MW-1	12/18/13	3787.62	64.06	62.72	1.34	3724.65	--
MW-1	12/23/13	3787.62	66.51	62.18	4.33	3724.62	--
MW-1	2/24/14	3787.62	LNAPL	61.90	6.23	--	68.13
MW-1	4/8/14	3787.62	LNAPL	61.98	6.17	--	--
MW-1	4/22/14	3787.62	64.11	63.27	0.84	3724.19	--
MW-1	5/21/14	3787.62	LNAPL	62.08	6.81	--	--
MW-1	5/28/14	3787.62	LNAPL	--	--	--	--
MW-1	6/11/14	3787.62	64.59	63.47	1.12	3723.94	--
MW-1	8/5/14	3787.62	LNAPL	62.23	5.87	--	--
MW-1	8/19/14	3787.62	65.19	64.25	0.94	3723.19	--
MW-1	9/3/14	3787.62	LNAPL	63.32	4.81	--	--
MW-1	11/17/14	3787.62	LNAPL	63.49	4.64	--	--
MW-1	3/3/15	3787.62	69.10	63.65	5.45	3722.93	--
MW-1	6/2/15	3787.62	LNAPL	63.80	5.25	--	69.05
MW-1	8/11/15	3787.62	LNAPL	63.95	5.14	--	69.09
MW-1	12/1/15	3787.62	LNAPL	64.15	3.98	--	68.13
MW-1	2/9/16	3787.62	LNAPL	64.22	4.96	--	69.18
MW-1	5/24/16	3787.62	LNAPL	64.46	4.72	--	--
MW-1	8/30/16	3787.62	LNAPL	64.59	4.50	--	69.09
MW-1	11/1/16	3787.62	LNAPL	64.75	4.32	--	69.07
MW-1	11/23/16	3787.62	--	--	--	--	--
MW-1	2/28/17	3787.62	LNAPL	65.00	4.03	--	69.03
MW-1	4/3/17	3787.62	--	--	--	--	--
MW-1	5/10/17	3787.62	--	--	--	--	--
MW-1	5/30/17	3787.62	LNAPL	65.12	4.10	--	69.22
MW-1	6/6/17	3787.62	--	--	--	--	--
MW-1	6/14/17	3787.62	--	--	--	--	--
MW-1	7/6/17	3790.02	--	--	--	--	--
MW-1	7/14/17	3790.02	--	--	--	--	--
MW-1	7/26/17	3790.02	--	--	--	--	--
MW-1	8/1/17	3790.02	--	--	--	--	--
MW-1	8/10/17	3790.02	--	--	--	--	--
MW-1	8/30/17	3790.02	LNAPL	65.34	3.89	--	69.23
MW-1	9/6/17	3790.02	--	--	--	--	--
MW-1	9/12/17	3790.02	--	--	--	--	--
MW-1	9/20/17	3790.02	--	--	--	--	--
MW-1	10/12/17	3790.02	--	--	--	--	--
MW-1	10/18/17	3790.02	--	--	--	--	--
MW-1	10/24/17	3790.02	--	--	--	--	--
MW-1	11/22/17	3790.02	--	--	--	--	--
MW-1	11/30/17	3790.02	LNAPL	64.50	3.82	--	68.32
MW-1	12/5/17	3790.02	--	--	--	--	--
MW-1	12/12/17	3790.02	--	--	--	--	--
MW-1	12/20/17	3790.02	--	--	--	--	--
MW-1	2/27/18	3790.02	LNAPL	64.80	3.40	--	68.20
MW-1	5/29/18	3790.02	LNAPL	65.87	3.26	--	69.13
MW-1	8/29/18	3790.02	LNAPL	65.95	3.18	--	67.16
MW-1	10/3/18	3790.02	--	--	--	--	--
MW-1	11/27/18	3790.02	LNAPL	65.10	3.17	--	68.27
MW-1	1/29/19	3790.02	--	--	--	--	--
MW-1	2/5/19	3790.02	--	--	--	--	--
MW-1	2/25/19	3790.02	LNAPL	65.30	2.97	--	--
MW-1	3/6/19	3790.02	-	-	-	--	--
MW-1	4/30/19	3790.02	69.33	66.39	2.94	--	--
MW-1	5/20/19	3790.02	LNAPL	66.48	2.63	--	--
MW-1	6/11/19	3790.02	--	--	--	--	--
MW-1	6/18/19	3790.02	--	--	--	--	--
MW-1	6/25/19	3790.02	--	--	--	--	--
MW-1	7/2/19	3790.02	--	--	--	--	--
MW-1	7/8/19	3790.02	--	--	--	--	--
MW-1	7/22/19	3790.02	LNAPL	66.65	2.56	--	69.21
MW-1	8/6/19	3790.02	--	--	--	--	--
MW-1	8/13/19	3790.02	--	--	--	--	--
MW-1	8/20/19	3790.02	--	--	--	--	--
MW-1	8/28/19	3790.02	--	--	--	--	--
MW-1	9/10/19	3790.02	--	--	--	--	--
MW-1	9/25/19	3790.02	--	--	--	--	--
MW-1	10/2/19	3790.02	--	--	--	--	--
MW-1	10/21/19	3790.02	68.19	65.82	2.37	3723.75	69.35
MW-1	10/23/19	3790.02	LNAPL	66.82	2.53	--	-
MW-1	11/20/19	3790.02	--	--	--	--	--
MW-1	12/11/19	3790.02	--	--	--	--	--
MW-1	12/18/19	3790.02	--	--	--	--	--
MW-1	12/24/19	3790.02	--	--	--	--	--
MW-2	6/15/11	3788.19	62.37	61.46	0.91	3726.56	71.98
MW-2	8/2/11	3788.19	63.28	61.50	1.78	3726.35	--
MW-2	8/10/11	3788.19	62.17	61.73	0.44	3726.38	--
MW-2	8/23/11	3788.19	62.21	61.75	0.46	3726.35	--
MW-2	9/7/11	3788.19	62.40	61.72	0.68	3726.34	72
MW-2	9/21/11	3788.19	62.59	61.70	0.89	3726.32	--
MW-2	9/27/11	3788.19	62.66	61.69	0.97	3726.32	--
MW-2	10/5/11	3788.19	62.32	61.82	0.50	3726.28	--
MW-2	10/12/11	3788.19	62.41	61.79	0.62	3726.28	--
MW-2	10/19/11	3788.19	62.21	61.89	0.32	3726.24	--
MW-2	10/25/11	3788.19	62.31	61.90	0.41	3726.21	--
MW-2	11/2/11	3788.19	62.48	61.91	0.57	3726.17	--
MW-2	11/8/11	3788.19	62.52	61.88	0.64	3726.19	--
MW-2	11/16/11	3788.19	62.58	61.83	0.75	3726.22	--
MW-2	11/22/11	3788.19	62.65	61.90	0.75	3726.15	--
MW-2	11/29/11	3788.19	62.74	61.85	0.89	3726.17	72.35
MW-2	1/3/12	3788.19	63.11	61.81	1.30	3726.13	--
MW-2	1/10/12	3788.19	62.49	61.99	0.50	3726.11	--
MW-2	1/11/12	3788.19	62.55	61.93	0.62	3726.14	--
MW-2	1/24/12	3788.19	62.65	62.02	0.63	3726.05	--
MW-2	1/31/12	3788.19	62.43	62.02	0.41	3726.09	--
MW-2	2/7/12	3788.19	62.52	62.00	0.52	3726.09	--
MW-2	2/14/12	3788.19	62.63	61.99	0.64	3726.08	--
MW-2	2/21/12	3788.19	62.71	62.00	0.71	3726.06	--
MW-2	3/5/12	3788.19	62.60	62.06	0.54	3726.03	72.35
MW-2	3/13/12	3788.19	62.70	62.08	0.62	3725.99	--
MW-2	3/19/12	3788.19	62.72	62.05	0.67	3726.01	--
MW-2	3/27/12	3788.19	62.81	62.02	0.79	3726.02	--
MW-2	4/3/12	3788.19	62.90	62.08	0.82	3725.95	--
MW-2	4/11/12	3788.19	62.94	62.02	0.92	3726.00	--
MW-2	4/18/12	3788.19	63.02	62.02	1.00	3725.98	--
MW-2	4/24/12	3788.19	63.10	62.05	1.05	3725.94	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-2	5/1/12	3788.19	62.79	62.10	0.69	3725.96	--
MW-2	5/9/12	3788.19	62.85	62.10	0.75	3725.95	--
MW-2	5/16/12	3788.19	62.93	62.08	0.85	3725.95	--
MW-2	5/24/12	3788.19	62.68	62.17	0.51	3725.92	--
MW-2	6/5/12	3788.19	62.82	62.18	0.64	3725.89	--
MW-2	6/19/12	3788.19	63.00	62.16	0.84	3725.87	--
MW-2	6/26/12	3788.19	63.00	62.15	0.85	3725.88	--
MW-2	7/2/12	3788.19	63.50	62.21	1.29	3725.73	--
MW-2	7/11/12	3788.19	62.81	62.21	0.60	3725.87	--
MW-2	7/24/12	3788.19	62.94	62.22	0.72	3725.83	--
MW-2	8/1/12	3788.19	--	--	--	--	--
MW-2	8/8/12	3788.19	63.01	62.22	0.79	3725.82	--
MW-2	8/15/12	3788.19	63.01	62.24	0.77	3725.80	--
MW-2	8/21/12	3788.19	63.12	62.26	0.86	3725.77	--
MW-2	8/27/12	3788.19	--	--	--	--	--
MW-2	9/1/12	3788.19	--	--	--	--	--
MW-2	9/11/12	3788.19	63.31	62.03	1.28	3725.92	71.4
MW-2	10/10/12	3788.19	63.51	62.30	1.21	3725.66	--
MW-2	10/16/12	3788.19	62.91	62.41	0.50	3725.69	--
MW-2	10/24/12	3788.19	63.01	62.45	0.56	3725.63	71.2
MW-2	10/31/12	3788.19	63.00	62.45	0.55	3725.64	--
MW-2	11/7/12	3788.19	63.03	62.45	0.58	3725.63	72
MW-2	11/28/12	3788.19	63.10	62.43	0.67	3725.63	--
MW-2	12/4/12	3788.19	63.25	62.45	0.80	3725.59	--
MW-2	1/2/13	3788.19	63.60	62.45	1.15	3725.52	72
MW-2	1/16/13	3788.19	62.55	61.21	1.34	3726.73	--
MW-2	1/23/13	3788.19	63.32	62.61	0.71	3725.45	--
MW-2	2/27/13	3788.19	63.62	62.51	1.11	3725.47	--
MW-2	3/5/13	3788.19	63.77	62.53	1.24	3725.42	--
MW-2	3/13/13	3788.19	--	--	--	--	--
MW-2	3/19/13	3788.19	--	--	--	--	--
MW-2	3/26/13	3788.19	--	--	--	--	--
MW-2	5/28/13	3788.19	63.75	62.69	1.06	3725.30	--
MW-2	6/12/13	3788.19	63.96	62.71	1.25	3725.24	--
MW-2	6/18/13	3788.19	64.00	62.68	1.32	3725.26	--
MW-2	7/2/13	3788.19	63.52	62.82	0.70	3725.24	--
MW-2	7/16/13	3788.19	63.68	62.81	0.87	3725.21	--
MW-2	7/23/13	3788.19	63.75	62.81	0.94	3725.20	--
MW-2	7/30/13	3788.19	63.66	62.69	0.97	3725.32	--
MW-2	8/27/13	3788.19	64.02	62.82	1.20	3725.14	--
MW-2	9/10/13	3788.19	--	--	--	--	--
MW-2	9/17/13	3788.19	--	--	--	--	--
MW-2	9/24/13	3788.19	--	--	--	--	--
MW-2	10/1/13	3788.19	--	--	--	--	--
MW-2	10/9/13	3788.19	--	--	--	--	--
MW-2	10/15/13	3788.19	65.29	64.92	0.37	3723.20	--
MW-2	10/22/13	3788.19	--	--	--	--	--
MW-2	10/29/13	3788.19	--	--	--	--	--
MW-2	11/11/13	3788.19	65.34	64.99	0.35	3723.13	--
MW-2	12/2/13	3788.19	63.42	63.38	0.04	3724.80	--
MW-2	12/10/13	3788.19	63.65	63.40	0.25	3724.74	--
MW-2	2/24/14	3788.19	63.95	63.47	0.48	3724.63	71.4
MW-2	5/28/14	3788.19	64.34	63.59	0.75	3724.46	--
MW-2	9/3/14	3788.19	64.38	63.57	0.81	3724.47	--
MW-2	11/17/14	3788.19	64.75	63.93	0.82	3724.10	--
MW-2	3/3/15	3788.19	64.75	63.91	0.84	3724.12	--
MW-2	6/2/15	3788.19	64.43	64.15	0.28	3723.99	--
MW-2	8/11/15	3788.19	64.35	64.33	0.02	3723.86	--
MW-2	12/1/15	3788.19	64.84	64.80	0.04	3723.38	--
MW-2	2/9/16	3788.19	64.92	64.82	0.10	3723.35	--
MW-2	5/24/16	3788.19	65.47	65.46	0.01	3722.73	--
MW-2	8/30/16	3788.19	65.91	65.86	0.05	3722.32	--
MW-2	11/1/16	3788.19	65.47	65.39	0.08	3722.78	--
MW-2	11/15/16	3788.19	--	--	--	--	--
MW-2	1/24/17	3788.19	--	--	--	--	--
MW-2	2/8/17	3788.19	--	--	--	--	--
MW-2	2/28/17	3788.19	65.62	65.60	0.02	3722.59	--
MW-2	5/17/17	3788.19	--	--	--	--	--
MW-2	5/30/17	3788.19	65.81	65.80	0.01	3722.39	--
MW-2	5/31/17	3788.19	--	--	--	--	--
MW-2	7/6/17	3790.83	--	--	--	--	--
MW-2	7/14/17	3790.83	--	--	--	--	--
MW-2	7/26/17	3790.83	--	--	--	--	--
MW-2	8/1/17	3790.83	--	--	--	--	--
MW-2	8/30/17	3790.83	65.85	--	--	3722.34	67.75
MW-2	9/6/17	3790.83	--	--	--	--	--
MW-2	9/20/17	3790.83	--	--	--	--	--
MW-2	10/12/17	3790.83	--	--	--	--	--
MW-2	10/24/17	3790.83	--	--	--	--	--
MW-2	11/14/17	3790.83	--	--	--	--	--
MW-2	11/28/17	3790.83	65.96	--	--	3722.23	71.38
MW-2	12/1/17	3790.83	--	--	--	--	--
MW-2	12/12/17	3790.83	--	--	--	--	--
MW-2	2/27/18	3790.83	66.30	--	--	3721.89	71.58
MW-2	5/29/18	3790.83	66.31	--	--	3721.88	71.4
MW-2	8/29/18	3790.83	66.46	66.44	0.02	3724.39	71.58
MW-2	11/27/18	3790.83	66.69	--	--	3724.14	--
MW-2	2/25/19	3790.83	67.06	--	--	3723.77	--
MW-2	2/26/19	3790.83	--	--	--	--	--
MW-2	5/20/19	3790.83	67.20	--	--	3723.63	--
MW-2	5/22/19	3790.83	--	--	--	--	--
MW-2	7/23/19	3790.83	67.29	--	--	3723.54	--
MW-2	7/24/19	3790.83	--	--	--	--	--
MW-2	8/28/19	3790.83	--	--	--	--	--
MW-2	9/10/19	3790.83	--	--	--	--	--
MW-2	10/2/19	3790.83	--	--	--	--	--
MW-2	10/21/19	3790.83	67.51	--	--	3723.32	71.58
MW-2	10/24/19	3790.83	--	--	--	--	--
MW-3	6/15/11	3789.03	62.71	62.48	0.23	3726.51	70.73
MW-3	8/2/11	3789.03	63.06	62.59	0.47	3726.35	--
MW-3	8/10/11	3789.03	63.00	62.61	0.39	3726.35	--
MW-3	8/18/11	3789.03	62.89	62.62	0.27	3726.36	--
MW-3	8/23/11	3789.03	62.93	62.65	0.28	3726.33	--
MW-3	9/7/11	3789.03	62.97	62.25	0.72	3726.64	70.7
MW-3	9/21/11	3789.03	63.04	62.66	0.38	3726.30	--
MW-3	9/27/11	3789.03	63.07	62.70	0.37	3726.26	--
MW-3	10/5/11	3789.03	63.02	62.70	0.32	3726.27	--
MW-3	10/12/11	3789.03	63.03	62.68	0.35	3726.28	--
MW-3	10/19/11	3789.03	63.09	62.70	0.39	3726.26	--
MW-3	10/25/11	3789.03	63.12	62.74	0.38	3726.22	--
MW-3	11/2/11	3789.03	63.12	62.71	0.41	3726.24	--
MW-3	11/8/11	3789.03	63.19	62.75	0.44	3726.20	--
MW-3	11/16/11	3789.03	63.21	62.73	0.48	3726.21	--
MW-3	11/22/11	3789.03	63.32	62.75	0.57	3726.17	--
MW-3	11/29/11	3789.03	63.27	62.77	0.50	3726.17	71.91
MW-3	1/3/12	3789.03	63.42	62.79	0.63	3726.12	--
MW-3	1/10/12	3789.03	63.44	62.80	0.64	3726.11	--
MW-3	1/11/12	3789.03	63.50	62.80	0.70	3726.10	--
MW-3	1/24/12	3789.03	63.51	62.85	0.66	3726.05	--
MW-3	1/31/12	3789.03	63.25	62.88	0.37	3726.08	--
MW-3	2/7/12	3789.03	63.30	62.90	0.40	3726.05	--
MW-3	2/14/12	3789.03	63.33	62.88	0.45	3726.06	--
MW-3	2/21/12	3789.03	63.35	62.90	0.45	3726.04	--
MW-3	3/5/12	3789.03	63.40	62.90	0.50	3726.04	--
MW-3	3/13/12	3789.03	63.45	62.91	0.54	3726.02	--
MW-3	3/19/12	3789.03	63.46	62.91	0.55	3726.02	--
MW-3	3/27/12	3789.03	63.49	62.92	0.57	3726.00	--
MW-3	4/3/12	3789.03	63.52	62.95	0.57	3725.97	--
MW-3	4/11/12	3789.03	63.58	62.96	0.62	3725.95	--
MW-3	4/18/12	3789.03	63.65	63.00	0.65	3725.91	--
MW-3	4/24/12	3789.03	63.60	62.96	0.64	3725.95	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-3	5/1/12	3789.03	63.59	62.96	0.63	3725.95	--
MW-3	5/9/12	3789.03	63.63	62.99	0.64	3725.92	--
MW-3	5/16/12	3789.03	63.63	62.98	0.65	3725.93	--
MW-3	5/24/12	3789.03	63.52	63.03	0.49	3725.91	--
MW-3	6/5/12	3789.03	63.53	63.05	0.48	3725.89	70.73
MW-3	6/19/12	3789.03	63.63	63.16	0.47	3725.78	--
MW-3	6/26/12	3789.03	63.66	63.06	0.60	3725.86	--
MW-3	7/2/12	3789.03	63.66	63.05	0.61	3725.86	--
MW-3	7/11/12	3789.03	63.55	63.10	0.45	3725.84	--
MW-3	7/18/12	3789.03	--	--	--	--	--
MW-3	7/24/12	3789.03	63.68	63.12	0.56	3725.80	--
MW-3	8/1/12	3789.03	--	--	--	--	--
MW-3	8/8/12	3789.03	63.63	63.13	0.50	3725.81	--
MW-3	8/15/12	3789.03	63.64	63.11	0.53	3725.82	--
MW-3	8/21/12	3789.03	63.70	63.18	0.52	3725.75	--
MW-3	8/27/12	3789.03	--	--	--	--	--
MW-3	9/1/12	3789.03	--	--	--	--	--
MW-3	9/11/12	3789.03	63.81	63.10	0.71	3725.80	70.84
MW-3	10/10/12	3789.03	63.98	63.26	0.72	3725.63	--
MW-3	10/16/12	3789.03	63.91	63.28	0.63	3725.63	--
MW-3	10/24/12	3789.03	63.93	63.31	0.62	3725.60	72
MW-3	10/31/12	3789.03	63.93	63.29	0.64	3725.62	--
MW-3	11/7/12	3789.03	63.93	63.31	0.62	3725.60	70.71
MW-3	11/28/12	3789.03	63.96	63.32	0.64	3725.59	--
MW-3	12/4/12	3789.03	64.02	63.35	0.67	3725.55	--
MW-3	1/2/13	3789.03	64.41	63.41	1.00	3725.43	--
MW-3	1/16/13	3789.03	64.11	63.44	0.67	3725.46	--
MW-3	1/23/13	3789.03	64.20	63.45	0.75	3725.44	--
MW-3	2/27/13	3789.03	64.22	63.47	0.75	3725.42	--
MW-3	3/5/13	3789.03	64.26	63.48	0.78	3725.40	--
MW-3	3/13/13	3789.03	64.23	63.50	0.73	3725.39	--
MW-3	3/19/13	3789.03	64.28	63.53	0.75	3725.36	--
MW-3	3/26/13	3789.03	64.30	63.50	0.80	3725.38	--
MW-3	5/28/13	3789.03	63.68	63.61	0.07	3725.41	--
MW-3	6/12/13	3789.03	64.46	63.62	0.84	3725.25	--
MW-3	6/18/13	3789.03	64.64	63.66	0.98	3725.18	--
MW-3	6/25/13	3789.03	64.08	63.78	0.30	3725.19	--
MW-3	7/2/13	3789.03	64.05	63.75	0.30	3725.22	--
MW-3	7/16/13	3789.03	64.10	63.78	0.32	3725.19	--
MW-3	7/23/13	3789.03	64.11	63.79	0.32	3725.18	--
MW-3	7/30/13	3789.03	64.22	63.98	0.24	3725.00	--
MW-3	8/27/13	3789.03	64.22	63.85	0.37	3725.11	--
MW-3	9/10/13	3789.03	64.25	63.86	0.39	3725.10	--
MW-3	9/17/13	3789.03	64.21	63.80	0.41	3725.15	--
MW-3	9/24/13	3789.03	64.28	63.87	0.41	3725.08	--
MW-3	10/1/13	3789.03	64.30	63.88	0.42	3725.07	--
MW-3	10/9/13	3789.03	64.34	63.92	0.42	3725.03	--
MW-3	10/23/13	3789.03	64.37	63.95	0.42	3725.00	--
MW-3	10/29/13	3789.03	64.38	63.95	0.43	3725.00	--
MW-3	11/11/13	3789.03	64.42	63.97	0.45	3724.97	--
MW-3	11/25/13	3789.03	64.46	64.02	0.44	3724.93	--
MW-3	12/10/13	3789.03	64.46	64.03	0.43	3724.92	--
MW-3	12/23/13	3789.03	64.27	64.08	0.19	3724.91	--
MW-3	2/24/14	3789.03	64.47	64.18	0.29	3724.79	70.84
MW-3	5/28/14	3789.03	64.72	64.33	0.39	3724.63	--
MW-3	9/3/14	3789.03	64.93	64.50	0.43	3724.45	--
MW-3	11/17/14	3789.03	65.00	64.65	0.35	3724.31	--
MW-3	3/3/15	3789.03	64.98	64.47	0.51	3724.46	--
MW-3	6/2/15	3789.03	65.20	64.57	0.63	3724.34	--
MW-3	8/11/15	3789.03	64.89	64.81	0.08	3724.20	--
MW-3	12/1/15	3789.03	65.46	65.40	0.06	3723.62	--
MW-3	2/9/16	3789.03	65.66	65.52	0.14	3723.48	--
MW-3	5/24/16	3789.03	66.39	66.37	0.02	3722.66	--
MW-3	8/30/16	3789.03	67.14	67.10	0.04	3721.92	--
MW-3	11/1/16	3789.03	66.15	66.04	0.11	3722.97	--
MW-3	11/15/16	3789.03	--	--	--	--	--
MW-3	1/24/17	3789.03	--	--	--	--	--
MW-3	2/8/17	3789.03	--	--	--	--	--
MW-3	2/28/17	3789.03	66.31	66.28	0.03	3722.74	--
MW-3	5/30/17	3789.03	66.51	66.45	0.06	3722.57	--
MW-3	7/14/17	3791.44	--	--	--	--	--
MW-3	7/26/17	3791.44	--	--	--	--	--
MW-3	8/1/17	3791.44	--	--	--	--	--
MW-3	8/10/17	3791.44	--	--	--	--	--
MW-3	8/30/17	3791.44	66.67	66.63	0.04	3724.80	--
MW-3	9/6/17	3791.44	--	--	--	--	--
MW-3	9/12/17	3791.44	--	--	--	--	--
MW-3	9/20/17	3791.44	--	--	--	--	--
MW-3	10/12/17	3791.44	--	--	--	--	--
MW-3	10/18/17	3791.44	--	--	--	--	--
MW-3	10/24/17	3791.44	--	--	--	--	--
MW-3	11/30/17	3791.44	66.51	66.44	0.07	3724.99	--
MW-3	2/27/18	3791.44	LNAPL	66.98	0.32	--	67.30
MW-3	5/29/18	3791.44	66.92	66.81	0.11	3724.61	67.3
MW-3	8/29/18	3791.44	Dry	--	--	--	67.49
MW-3	11/27/18	3791.44	Dry	--	--	--	67.48
MW-3	2/25/19	3791.44	Dry	--	--	--	--
MW-3	5/20/19	3791.44	Dry	--	--	--	--
MW-3	7/23/19	3791.44	Dry	--	--	--	--
MW-3	10/21/19	3791.44	Dry	--	--	--	67.33
MW-4	6/15/11	3790.06	63.04	--	--	3727.02	73.12
MW-4	9/7/11	3790.06	63.27	--	--	3726.79	73.2
MW-4	11/29/11	3790.06	63.46	--	--	3726.60	73.12
MW-4	3/5/12	3790.06	63.55	--	--	3726.51	73.13
MW-4	6/5/12	3790.06	63.70	--	--	3726.36	73.45
MW-4	9/11/12	3790.06	63.91	--	--	3726.15	73.11
MW-4	12/3/12	3790.06	64.01	--	--	3726.05	73.12
MW-4	3/5/13	3790.06	64.20	--	--	3725.86	73.17
MW-4	5/28/13	3790.06	64.30	--	--	3725.76	--
MW-4	8/27/13	3790.06	64.48	--	--	3725.58	71.1
MW-4	11/11/13	3790.06	64.63	--	--	3725.43	73.84
MW-4	2/24/14	3790.06	64.80	--	--	3725.26	72.45
MW-4	5/28/14	3790.06	64.98	--	--	3725.08	--
MW-4	9/3/14	3790.06	65.18	--	--	3724.88	--
MW-4	11/17/14	3790.06	65.33	--	--	3724.73	--
MW-4	3/3/15	3790.06	65.50	--	--	3724.56	73.14
MW-4	6/2/15	3790.06	65.64	--	--	3724.42	--
MW-4	8/10/15	3790.06	65.81	--	--	3724.25	--
MW-4	12/1/15	3790.06	66.00	--	--	3724.06	--
MW-4	2/9/16	3790.06	66.15	--	--	3723.91	73.28
MW-4	5/24/16	3790.06	66.35	--	--	3723.71	--
MW-4	8/30/16	3790.06	66.56	--	--	3723.50	--
MW-4	11/1/16	3790.06	66.69	--	--	3723.37	--
MW-4	11/4/16	3790.06	--	--	--	--	--
MW-4	2/28/17	3790.06	66.89	--	--	3723.17	69.91
MW-4	5/30/17	3790.06	67.10	--	--	3722.96	70.3
MW-4	8/30/17	3792.51	67.26	--	--	3725.25	69.92
MW-4	11/28/17	3792.51	67.41	--	--	3725.10	69.9
MW-4	12/1/17	3792.51	--	--	--	--	--
MW-4	2/27/18	3792.51	67.60	--	--	3724.91	70.24
MW-4	5/29/18	3792.51	67.79	--	--	3724.72	72.31
MW-4	8/29/18	3792.51	67.95	--	--	3724.56	70.24
MW-4	11/27/18	3792.51	68.13	--	--	3724.38	--
MW-4	2/25/19	3792.51	68.03	--	--	3724.48	--
MW-4	5/20/19	3792.51	68.50	--	--	3724.01	--
MW-4	7/23/19	3792.51	68.59	--	--	3723.92	--
MW-4	10/21/19	3792.51	68.84	--	--	3723.67	70.24
MW-4	10/24/19	3792.51	--	--	--	--	--
MW-5	6/15/11	3787.47	68.50	60.05	8.45	3725.81	71.43
MW-5	9/7/11	3787.47	68.62	60.70	7.92	3725.27	71.75

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-5	11/29/11	3787.47	69.38	60.34	9.04	3725.41	71.85
MW-5	3/5/12	3787.47	69.42	60.42	9.00	3725.34	--
MW-5	6/5/12	3787.47	69.84	61.71	8.13	3724.22	--
MW-5	6/19/12	3787.47	LNAPL	60.52	11.30	--	71.82
MW-5	6/20/12	3787.47	--	--	--	--	--
MW-5	6/26/12	3787.47	69.71	60.60	9.11	3725.14	--
MW-5	9/11/12	3787.47	69.15	60.80	8.35	3725.08	--
MW-5	12/4/12	3787.47	69.03	61.11	7.92	3724.86	--
MW-5	3/5/13	3787.47	71.19	63.35	7.84	3722.63	--
MW-5	5/28/13	3787.47	70.28	61.11	9.17	3724.62	--
MW-5	6/25/13	3787.47	63.45	62.83	0.62	3724.52	--
MW-5	8/27/13	3787.47	69.64	61.47	8.17	3724.45	--
MW-5	10/15/13	3787.47	69.64	61.47	8.17	3724.45	--
MW-5	10/29/13	3787.47	69.63	61.53	8.10	3724.40	--
MW-5	11/11/13	3787.47	68.48	61.79	6.69	3724.41	--
MW-5	11/19/13	3787.47	69.45	61.63	7.82	3724.35	--
MW-5	11/25/13	3787.47	68.80	61.79	7.01	3724.35	--
MW-5	12/3/13	3787.47	68.83	61.76	7.07	3724.37	--
MW-5	12/10/13	3787.47	--	--	--	--	--
MW-5	12/18/13	3787.47	63.70	62.96	0.74	3724.37	--
MW-5	12/23/13	3787.47	66.72	62.27	4.45	3724.35	--
MW-5	12/30/13	3787.47	68.56	61.88	6.68	3724.32	--
MW-5	1/22/14	3787.47	67.60	62.40	5.20	3724.08	71.85
MW-5	2/24/14	3787.47	69.36	62.10	7.26	3723.99	--
MW-5	5/6/14	3787.47	69.44	62.26	7.18	3723.85	--
MW-5	5/21/14	3787.47	64.81	63.65	1.16	3723.60	--
MW-5	5/28/14	3787.47	67.40	62.65	4.75	3723.92	--
MW-5	9/3/14	3787.47	69.35	62.50	6.85	3723.67	--
MW-5	9/9/14	3787.47	69.38	62.30	7.08	3723.82	--
MW-5	11/17/14	3787.47	69.35	62.74	6.61	3723.47	--
MW-5	3/3/15	3787.47	68.06	62.96	5.10	3723.54	--
MW-5	6/2/15	3787.47	69.06	62.94	6.12	3723.37	--
MW-5	8/11/15	3787.47	69.36	63.04	6.32	3723.23	--
MW-5	12/1/15	3787.47	69.08	62.90	6.18	3723.40	--
MW-5	2/9/16	3787.47	67.71	63.51	4.20	3723.16	--
MW-5	5/24/16	3787.47	69.42	63.24	6.18	3723.06	--
MW-5	8/30/16	3787.47	67.88	65.71	2.17	3721.35	--
MW-5	11/1/16	3787.47	LNAPL	63.68	7.72	--	71.4
MW-5	11/23/16	3787.47	--	--	--	--	--
MW-5	11/30/16	3787.47	--	--	--	--	--
MW-5	1/5/17	3787.47	--	--	--	--	--
MW-5	1/18/17	3787.47	--	--	--	--	--
MW-5	2/15/17	3787.47	--	--	--	--	--
MW-5	2/28/17	3787.47	67.90	64.22	3.68	3722.55	--
MW-5	4/3/17	3787.47	--	--	--	--	--
MW-5	5/31/17	3787.47	69.16	64.17	4.99	3722.35	--
MW-5	6/6/17	3787.47	--	--	--	--	--
MW-5	7/6/17	3789.50	--	--	--	--	--
MW-5	7/14/17	3789.50	--	--	--	--	--
MW-5	7/26/17	3789.50	--	--	--	--	--
MW-5	8/1/17	3789.50	--	--	--	--	--
MW-5	8/10/17	3789.50	--	--	--	--	--
MW-5	8/30/17	3789.50	66.57	64.97	1.60	3724.23	--
MW-5	9/6/17	3789.50	--	--	--	--	--
MW-5	9/12/17	3789.50	--	--	--	--	--
MW-5	10/12/17	3789.50	--	--	--	--	--
MW-5	10/18/17	3789.50	--	--	--	--	--
MW-5	10/24/17	3789.50	--	--	--	--	--
MW-5	11/14/17	3789.50	--	--	--	--	--
MW-5	11/22/17	3789.50	--	--	--	--	--
MW-5	11/30/17	3789.50	66.13	65.20	0.93	3724.12	--
MW-5	12/12/17	3789.50	--	--	--	--	--
MW-5	12/20/17	3789.50	--	--	--	--	--
MW-5	2/27/18	3789.50	66.28	65.35	0.93	3723.97	71.41
MW-5	5/29/18	3789.50	67.20	65.42	1.78	3723.74	--
MW-5	8/29/18	3789.50	68.49	65.34	3.15	3723.56	--
MW-5	11/27/18	3789.50	70.70	65.10	5.60	3723.34	--
MW-5	2/25/19	3789.50	67.17	66.31	0.86	3723.03	--
MW-5	4/30/19	3789.50	--	--	--	--	--
MW-5	5/20/19	3789.50	68.93	65.91	3.02	3723.02	--
MW-5	6/11/19	3789.50	--	--	--	--	--
MW-5	6/18/19	3789.50	--	--	--	--	--
MW-5	6/25/19	3789.50	--	--	--	--	--
MW-5	7/8/19	3789.50	--	--	--	--	--
MW-5	7/23/19	3789.50	67.33	66.42	0.91	3722.91	--
MW-5	10/21/19	3789.50	67.00	66.68	0.32	3722.76	--
MW-5	11/20/19	3789.50	--	--	--	--	--
MW-5	12/11/19	3789.50	--	--	--	--	--
MW-5	12/24/19	3789.50	--	--	--	--	--
MW-6	6/15/11	3786.81	61.23	--	--	3725.58	71.42
MW-6	9/7/11	3786.81	61.46	--	--	3725.35	71.55
MW-6	11/29/11	3786.81	61.60	--	--	3725.21	71.6
MW-6	3/5/12	3786.81	61.70	--	--	3725.11	71.61
MW-6	6/5/12	3786.81	61.84	--	--	3724.97	71.8
MW-6	9/11/12	3786.81	62.01	--	--	3724.80	71.55
MW-6	12/3/12	3786.81	62.24	--	--	3724.57	70.45
MW-6	3/5/13	3786.81	62.30	--	--	3724.51	71.5
MW-6	5/28/13	3786.81	62.47	--	--	3724.34	71.61
MW-6	8/27/13	3786.81	62.59	--	--	3724.22	71.4
MW-6	11/11/13	3786.81	62.76	62.73	0.03	3724.07	--
MW-6	1/22/14	3786.81	62.86	62.84	0.02	3723.97	71.42
MW-6	2/24/14	3786.81	62.92	62.90	0.02	3723.91	--
MW-6	5/28/14	3786.81	63.07	63.03	0.04	3723.77	--
MW-6	9/3/14	3786.81	63.26	63.24	0.02	3723.57	--
MW-6	11/17/14	3786.81	63.42	63.40	0.02	3723.41	--
MW-6	3/3/15	3786.81	63.60	63.59	0.01	3723.22	--
MW-6	6/2/15	3786.81	63.73	63.72	0.01	3723.09	--
MW-6	8/11/15	3786.81	63.91	--	--	3722.90	--
MW-6	12/1/15	3786.81	64.12	--	--	3722.69	71.42
MW-6	2/9/16	3786.81	64.20	--	--	3722.61	71.6
MW-6	5/24/16	3786.81	64.43	--	--	3722.38	--
MW-6	6/8/16	3786.81	--	--	--	--	--
MW-6	6/21/16	3786.81	--	--	--	--	--
MW-6	7/6/16	3786.81	--	--	--	--	--
MW-6	8/10/16	3786.81	--	--	--	--	--
MW-6	8/24/16	3786.81	--	--	--	--	--
MW-6	8/30/16	3786.81	64.62	--	--	3722.19	71.6
MW-6	8/31/16	3786.81	--	--	--	--	--
MW-6	9/28/16	3786.81	--	--	--	--	--
MW-6	10/12/16	3786.81	--	--	--	--	--
MW-6	11/1/16	3786.81	65.02	--	--	3721.79	71.6
MW-6	11/4/16	3786.81	--	--	--	--	--
MW-6	11/15/16	3786.81	--	--	--	--	--
MW-6	12/7/16	3786.81	--	--	--	--	--
MW-6	1/10/17	3786.81	--	--	--	--	--
MW-6	1/24/17	3786.81	--	--	--	--	--
MW-6	2/8/17	3786.81	--	--	--	--	--
MW-6	2/28/17	3786.81	64.93	--	--	3721.88	71.23
MW-6	3/2/17	3786.81	--	--	--	--	--
MW-6	4/4/17	3786.81	--	--	--	--	--
MW-6	5/2/17	3786.81	--	--	--	--	--
MW-6	5/17/17	3786.81	--	--	--	--	--
MW-6	5/30/17	3786.81	65.10	--	--	3721.71	71.44
MW-6	5/31/17	3786.81	--	--	--	--	--
MW-6	6/14/17	3786.81	--	--	--	--	--
MW-6	7/6/17	3789.27	--	--	--	--	--
MW-6	7/14/17	3789.27	--	--	--	--	--
MW-6	8/29/17	3789.27	65.28	--	--	3723.99	71.29
MW-6	8/30/17	3789.27	--	--	--	--	--
MW-6	9/6/17	3789.27	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-6	9/12/17	3789.27	--	--	--	--	--
MW-6	9/20/17	3789.27	--	--	--	--	--
MW-6	10/12/17	3789.27	--	--	--	--	--
MW-6	10/24/17	3789.27	--	--	--	--	--
MW-6	11/14/17	3789.27	--	--	--	--	--
MW-6	11/28/17	3789.27	65.44	--	--	3723.83	71.28
MW-6	12/1/17	3789.27	--	--	--	--	--
MW-6	12/5/17	3789.27	--	--	--	--	--
MW-6	2/27/18	3789.27	65.61	--	--	3723.66	71.24
MW-6	5/29/18	3789.27	65.81	--	--	3723.46	71.5
MW-6	8/29/18	3789.27	65.93	--	--	3723.34	71.24
MW-6	11/27/18	3789.27	66.35	--	--	3722.92	--
MW-6	2/25/19	3789.27	66.33	--	--	3722.94	--
MW-6	2/26/19	3789.27	--	--	--	--	--
MW-6	4/30/19	3789.27	66.59	66.58	0.01	3722.69	--
MW-6	5/20/19	3789.27	66.50	--	--	3722.77	--
MW-6	5/22/19	3789.27	--	--	--	--	--
MW-6	6/11/19	3789.27	--	--	--	--	--
MW-6	7/23/19	3789.27	66.56	--	--	3722.71	--
MW-6	7/24/19	3789.27	--	--	--	--	--
MW-6	8/21/19	3789.27	--	--	--	--	--
MW-6	8/28/19	3789.27	--	--	--	--	--
MW-6	9/10/19	3789.27	--	--	--	--	--
MW-6	9/25/19	3789.27	--	--	--	--	--
MW-6	10/21/19	3789.27	66.79	-	--	3722.48	71.24
MW-6	10/24/19	3789.27	--	--	--	--	--
MW-7	6/15/11	3786.82	61.65	--	--	3725.17	73.31
MW-7	9/7/11	3786.82	61.81	--	--	3725.01	73.32
MW-7	11/29/11	3786.82	61.95	--	--	3724.87	73.24
MW-7	3/5/12	3786.82	62.09	--	--	3724.73	73.26
MW-7	6/5/12	3786.82	62.23	--	--	3724.59	73.4
MW-7	9/11/12	3786.82	62.42	--	--	3724.40	73.33
MW-7	12/3/12	3786.82	62.51	--	--	3724.31	73.4
MW-7	3/5/13	3786.82	62.69	--	--	3724.13	73.35
MW-7	5/28/13	3786.82	62.85	--	--	3723.97	73.41
MW-7	8/27/13	3786.82	62.96	--	--	3723.86	73.2
MW-7	11/11/13	3786.82	63.11	--	--	3723.71	73.27
MW-7	2/24/14	3786.82	63.29	--	--	3723.53	73.25
MW-7	5/28/14	3786.82	63.44	--	--	3723.38	--
MW-7	9/3/14	3786.82	63.68	--	--	3723.14	--
MW-7	11/17/14	3786.82	63.88	--	--	3722.94	--
MW-7	3/3/15	3786.82	63.94	--	--	3722.88	73.23
MW-7	6/2/15	3786.82	64.07	--	--	3722.75	--
MW-7	8/10/15	3786.82	64.23	--	--	3722.59	--
MW-7	12/1/15	3786.82	64.42	--	--	3722.40	--
MW-7	2/9/16	3786.82	64.65	--	--	3722.17	73.52
MW-7	5/24/16	3786.82	64.79	--	--	3722.03	--
MW-7	6/8/16	3786.82	--	--	--	--	--
MW-7	6/21/16	3786.82	--	--	--	--	--
MW-7	7/6/16	3786.82	--	--	--	--	--
MW-7	8/10/16	3786.82	--	--	--	--	--
MW-7	8/24/16	3786.82	--	--	--	--	--
MW-7	8/30/16	3786.82	65.16	--	--	3721.66	73.52
MW-7	9/28/16	3786.82	--	--	--	--	--
MW-7	10/12/16	3786.82	--	--	--	--	--
MW-7	11/1/16	3786.82	65.12	--	--	3721.70	--
MW-7	11/4/16	3786.82	--	--	--	--	--
MW-7	11/15/16	3786.82	--	--	--	--	--
MW-7	12/7/16	3786.82	--	--	--	--	--
MW-7	1/10/17	3786.82	--	--	--	--	--
MW-7	1/24/17	3786.82	--	--	--	--	--
MW-7	2/8/17	3786.82	--	--	--	--	--
MW-7	2/28/17	3786.82	65.28	--	--	3721.54	73.13
MW-7	4/4/17	3786.82	--	--	--	--	--
MW-7	5/2/17	3786.82	--	--	--	--	--
MW-7	5/10/17	3786.82	--	--	--	--	--
MW-7	5/17/17	3786.82	--	--	--	--	--
MW-7	5/30/17	3786.82	65.50	--	--	3721.32	73.7
MW-7	5/31/17	3786.82	--	--	--	--	--
MW-7	6/14/17	3786.82	--	--	--	--	--
MW-7	7/6/17	3789.26	--	--	--	--	--
MW-7	7/14/17	3789.26	--	--	--	--	--
MW-7	8/29/17	3789.26	65.63	--	--	3723.63	73.27
MW-7	10/24/17	3789.26	--	--	--	--	--
MW-7	11/14/17	3789.26	--	--	--	--	--
MW-7	11/28/17	3789.26	65.79	--	--	3723.47	73.09
MW-7	12/1/17	3789.26	--	--	--	--	--
MW-7	12/5/17	3789.26	--	--	--	--	--
MW-7	2/27/18	3789.26	65.95	--	--	3723.31	73.33
MW-7	5/29/18	3789.26	66.17	--	--	3723.09	--
MW-7	8/29/18	3789.26	66.28	--	--	3722.98	--
MW-7	11/27/18	3789.26	66.42	--	--	3722.84	--
MW-7	2/25/19	3789.26	66.65	--	--	3722.61	--
MW-7	5/20/19	3789.26	66.81	--	--	3722.45	--
MW-7	7/23/19	3789.26	67.05	--	--	3722.21	--
MW-7	10/21/19	3789.26	67.20	--	--	3722.06	73.33
MW-7	10/24/19	3789.26	--	--	--	--	--
MW-8	6/15/11	3788.24	65.17	61.09	4.08	3726.37	72.74
MW-8	7/28/11	3788.24	66.65	61.05	5.60	3726.13	72.85
MW-8	8/2/11	3788.24	66.67	61.09	5.58	3726.09	--
MW-8	8/10/11	3788.24	63.58	61.71	1.87	3726.17	--
MW-8	8/23/11	3788.24	63.61	61.74	1.87	3726.14	--
MW-8	9/7/11	3788.24	64.59	61.53	3.06	3726.13	72.74
MW-8	9/21/11	3788.24	65.38	61.42	3.96	3726.07	--
MW-8	9/27/11	3788.24	65.63	61.33	4.30	3726.09	--
MW-8	10/5/11	3788.24	63.81	61.80	2.01	3726.06	--
MW-8	10/12/11	3788.24	63.39	61.83	1.56	3726.11	--
MW-8	10/19/11	3788.24	63.13	62.70	0.43	3725.46	--
MW-8	10/25/11	3788.24	63.00	61.97	1.03	3726.07	--
MW-8	11/2/11	3788.24	63.20	61.94	1.26	3726.06	--
MW-8	11/8/11	3788.24	63.21	61.95	1.26	3726.05	--
MW-8	11/16/11	3788.24	63.22	61.96	1.26	3726.04	--
MW-8	11/22/11	3788.24	63.25	61.95	1.30	3726.04	--
MW-8	11/29/11	3788.24	63.78	61.89	1.89	3725.99	72.87
MW-8	1/3/12	3788.24	65.44	61.60	3.84	3725.91	--
MW-8	1/10/12	3788.24	64.32	61.84	2.48	3725.93	--
MW-8	1/11/12	3788.24	63.94	61.91	2.03	3725.94	--
MW-8	1/24/12	3788.24	63.44	62.03	1.41	3725.94	--
MW-8	1/31/12	3788.24	62.20	61.10	1.10	3726.93	--
MW-8	2/1/12	3788.24	62.80	62.18	0.62	3725.94	--
MW-8	2/7/12	3788.24	63.08	62.15	0.93	3725.91	--
MW-8	2/14/12	3788.24	63.18	62.15	1.03	3725.89	--
MW-8	2/15/12	3788.24	62.90	62.23	0.67	3725.88	--
MW-8	2/21/12	3788.24	63.27	62.11	1.16	3725.91	--
MW-8	3/5/12	3788.24	63.52	62.06	1.46	3725.90	72.84
MW-8	3/13/12	3788.24	64.02	62.01	2.01	3725.85	--
MW-8	3/19/12	3788.24	63.28	62.19	1.09	3725.84	--
MW-8	3/20/12	3788.24	62.79	62.25	0.54	3725.89	--
MW-8	3/27/12	3788.24	63.21	62.20	1.01	3725.85	--
MW-8	4/3/12	3788.24	63.31	62.21	1.10	3725.82	--
MW-8	4/11/12	3788.24	63.34	62.16	1.18	3725.86	--
MW-8	4/18/12	3788.24	63.71	62.11	1.60	3725.83	--
MW-8	4/24/12	3788.24	63.70	62.15	1.55	3725.80	--
MW-8	4/25/12	3788.24	63.19	62.26	0.93	3725.80	--
MW-8	5/1/12	3788.24	63.50	62.17	1.33	3725.82	--
MW-8	5/9/12	3788.24	63.31	62.22	1.09	3725.81	--
MW-8	5/16/12	3788.24	63.67	62.18	1.49	3725.78	--
MW-8	5/17/12	3788.24	62.89	62.37	0.52	3725.77	--
MW-8	5/24/12	3788.24	63.29	62.28	1.01	3725.77	--
MW-8	6/5/12	3788.24	63.51	62.28	1.23	3725.73	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-8	6/19/12	3788.24	64.18	62.12	2.06	3725.73	--
MW-8	6/20/12	3788.24	63.21	62.36	0.85	3725.72	--
MW-8	6/26/12	3788.24	63.57	62.30	1.27	3725.70	--
MW-8	6/27/12	3788.24	63.66	62.30	1.36	3725.68	--
MW-8	7/2/12	3788.24	63.28	62.33	0.95	3725.73	--
MW-8	7/11/12	3788.24	63.39	62.33	1.06	3725.71	--
MW-8	7/18/12	3788.24	--	--	--	--	--
MW-8	7/24/12	3788.24	64.03	62.22	1.81	3725.68	--
MW-8	8/1/12	3788.24	--	--	--	--	--
MW-8	8/8/12	3788.24	64.09	62.23	1.86	3725.66	--
MW-8	8/15/12	3788.24	64.12	62.22	1.90	3725.66	--
MW-8	8/21/12	3788.24	64.61	62.18	2.43	3725.60	--
MW-8	8/27/12	3788.24	--	--	--	--	--
MW-8	9/1/12	3788.24	--	--	--	--	--
MW-8	9/11/12	3788.24	65.00	62.15	2.85	3725.55	72.85
MW-8	10/10/12	3788.24	65.82	62.07	3.75	3725.46	--
MW-8	10/16/12	3788.24	64.61	62.30	2.31	3725.50	--
MW-8	10/24/12	3788.24	65.01	62.25	2.76	3725.47	72.1
MW-8	10/31/12	3788.24	64.63	62.35	2.28	3725.46	--
MW-8	11/7/12	3788.24	64.61	62.40	2.21	3725.42	--
MW-8	11/28/12	3788.24	64.95	62.30	2.65	3725.44	--
MW-8	12/4/12	3788.24	64.11	62.51	1.60	3725.43	--
MW-8	1/2/13	3788.24	65.16	62.31	2.85	3725.39	72.76
MW-8	1/16/13	3788.24	64.75	62.50	2.25	3725.31	--
MW-8	1/23/13	3788.24	65.03	62.42	2.61	3725.32	--
MW-8	2/27/13	3788.24	65.91	62.30	3.61	3725.25	--
MW-8	2/27/13	3788.24	67.53	62.58	4.95	3724.72	--
MW-8	3/5/13	3788.24	64.19	62.69	1.50	3725.27	--
MW-8	3/13/13	3788.24	64.54	62.63	1.91	3725.25	--
MW-8	3/19/13	3788.24	64.78	62.64	2.14	3725.19	--
MW-8	3/26/13	3788.24	65.02	62.51	2.51	3725.25	--
MW-8	5/28/13	3788.24	65.77	62.50	3.27	3725.12	--
MW-8	6/12/13	3788.24	66.21	62.41	3.80	3725.11	--
MW-8	6/18/13	3788.24	66.32	62.42	3.90	3725.08	--
MW-8	6/25/13	3788.24	64.40	62.88	1.52	3725.07	--
MW-8	7/2/13	3788.24	64.15	62.92	1.23	3725.09	--
MW-8	7/16/13	3788.24	64.82	62.82	2.00	3725.04	--
MW-8	7/23/13	3788.24	64.20	62.96	1.24	3725.04	--
MW-8	7/30/13	3788.24	64.57	63.14	1.43	3724.83	--
MW-8	8/27/13	3788.24	65.46	62.76	2.70	3724.97	--
MW-8	9/10/13	3788.24	65.89	62.71	3.18	3724.93	--
MW-8	9/17/13	3788.24	65.88	62.41	3.47	3725.17	--
MW-8	9/24/13	3788.24	66.21	62.65	3.56	3724.91	--
MW-8	10/1/13	3788.24	64.45	62.01	2.44	3725.77	--
MW-8	10/9/13	3788.24	64.02	63.17	0.85	3724.91	--
MW-8	10/22/13	3788.24	64.55	63.10	1.45	3724.86	--
MW-8	10/29/13	3788.24	64.75	63.05	1.70	3724.87	--
MW-8	11/6/13	3788.24	69.75	61.58	8.17	3725.11	--
MW-8	11/11/13	3788.24	65.08	63.02	2.06	3724.83	--
MW-8	11/19/13	3788.24	65.30	63.00	2.30	3724.80	--
MW-8	11/25/13	3788.24	64.09	63.27	0.82	3724.81	--
MW-8	12/10/13	3788.24	64.18	63.27	0.91	3724.80	--
MW-8	12/23/13	3788.24	63.86	63.34	0.52	3724.80	--
MW-8	12/30/13	3788.24	64.03	63.32	0.71	3724.79	--
MW-8	2/24/14	3788.24	64.40	63.35	1.05	3724.69	72.85
MW-8	5/28/14	3788.24	65.60	63.31	2.29	3724.49	--
MW-8	9/3/14	3788.24	66.33	63.39	2.94	3724.29	--
MW-8	11/17/14	3788.24	66.76	63.50	3.26	3724.12	--
MW-8	3/3/15	3788.24	65.00	64.07	0.93	3723.99	--
MW-8	6/2/15	3788.24	64.95	64.25	0.70	3723.86	--
MW-8	8/11/15	3788.24	64.30	64.04	0.26	3724.15	--
MW-8	12/1/15	3788.24	65.07	64.66	0.41	3723.50	--
MW-8	2/9/16	3788.24	65.03	64.73	0.30	3723.45	--
MW-8	5/24/16	3788.24	65.51	64.96	0.55	3723.18	--
MW-8	8/30/16	3788.24	66.51	65.95	0.56	3722.18	--
MW-8	10/5/16	3788.24	--	--	--	--	--
MW-8	11/1/16	3788.24	66.25	65.84	0.41	3722.32	--
MW-8	11/4/16	3788.24	--	--	--	--	--
MW-8	11/23/16	3788.24	--	--	--	--	--
MW-8	11/30/16	3788.24	--	--	--	--	--
MW-8	1/5/17	3788.24	--	--	--	--	--
MW-8	1/10/17	3788.24	--	--	--	--	--
MW-8	1/18/17	3788.24	--	--	--	--	--
MW-8	2/8/17	3788.24	--	--	--	--	--
MW-8	2/15/17	3788.24	--	--	--	--	--
MW-8	2/28/17	3788.24	65.85	65.56	0.29	3722.62	--
MW-8	5/10/17	3788.24	--	--	--	--	--
MW-8	5/17/17	3788.24	--	--	--	--	--
MW-8	5/30/17	3788.24	65.91	65.71	0.20	3722.49	--
MW-8	7/6/17	3790.66	--	--	--	--	--
MW-8	7/14/17	3790.66	--	--	--	--	--
MW-8	7/26/17	3790.66	--	--	--	--	--
MW-8	8/1/17	3790.66	--	--	--	--	--
MW-8	8/10/17	3790.66	--	--	--	--	--
MW-8	8/30/17	3790.66	65.63	65.53	0.10	3725.11	--
MW-8	9/6/17	3790.66	--	--	--	--	--
MW-8	9/12/17	3790.66	--	--	--	--	--
MW-8	9/20/17	3790.66	--	--	--	--	--
MW-8	10/12/17	3790.66	--	--	--	--	--
MW-8	10/18/17	3790.66	--	--	--	--	--
MW-8	10/24/17	3790.66	--	--	--	--	--
MW-8	11/30/17	3790.66	65.72	65.67	0.05	3724.98	--
MW-8	12/5/17	3790.66	--	--	--	--	--
MW-8	12/12/17	3790.66	--	--	--	--	--
MW-8	12/20/17	3790.66	--	--	--	--	--
MW-8	2/27/18	3790.66	66.29	66.26	0.03	3724.39	72.78
MW-8	5/29/18	3790.66	66.07	66.02	0.05	3724.63	--
MW-8	8/29/18	3790.66	66.67	66.62	0.05	3724.03	--
MW-8	11/27/18	3790.66	66.80	66.79	0.01	3723.87	--
MW-8	2/25/19	3790.66	67.10	66.99	0.11	3723.65	--
MW-8	5/20/19	3790.66	67.24	67.20	0.04	3723.45	--
MW-8	7/23/19	3790.66	67.39	67.32	0.07	3723.33	--
MW-8	10/21/19	3790.66	67.54	67.48	0.06	3723.17	--
MW-9	6/15/11	3788.33	LNAPL	60.70	6.90	--	67.6
MW-9	9/7/11	3788.33	LNAPL	60.78	6.83	--	67.61
MW-9	11/29/11	3788.33	LNAPL	60.94	7.74	--	68.68
MW-9	3/5/12	3788.33	LNAPL	61.03	6.66	--	68.69
MW-9	4/18/12	3788.33	--	--	--	--	--
MW-9	4/24/12	3788.33	--	--	--	--	--
MW-9	4/25/12	3788.33	--	--	--	--	--
MW-9	6/5/12	3788.33	LNAPL	61.15	7.00	--	68.15
MW-9	6/19/12	3788.33	LNAPL	61.16	9.07	--	70.23
MW-9	6/20/12	3788.33	--	--	--	--	--
MW-9	6/26/12	3788.33	68.40	61.30	7.10	3725.68	--
MW-9	9/11/12	3788.33	68.61	61.82	6.79	3725.22	68.82
MW-9	12/4/12	3788.33	LNAPL	61.81	7.19	--	69
MW-9	3/5/13	3788.33	68.95	62.22	6.73	3724.83	--
MW-9	5/28/13	3788.33	LNAPL	61.72	7.35	--	69.07
MW-9	8/27/13	3788.33	69.55	62.05	7.50	3724.86	--
MW-9	9/24/13	3788.33	69.50	62.02	7.48	3724.89	--
MW-9	10/15/13	3788.33	69.55	62.05	7.50	3724.86	--
MW-9	10/29/13	3788.33	LNAPL	62.10	7.45	--	69.55
MW-9	11/6/13	3788.33	LNAPL	61.96	7.58	--	69.54
MW-9	11/11/13	3788.33	LNAPL	62.17	7.39	--	69.56
MW-9	11/19/13	3788.33	LNAPL	62.13	7.42	--	69.55
MW-9	11/25/13	3788.33	LNAPL	62.21	7.33	--	69.54
MW-9	12/3/13	3788.33	LNAPL	62.18	7.36	--	--
MW-9	12/10/13	3788.33	--	--	--	--	--
MW-9	12/17/13	3788.33	64.68	63.48	1.20	3724.62	--
MW-9	12/23/13	3788.33	66.92	63.03	3.89	3724.56	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-9	1/28/14	3788.33	LNAPL	62.32	7.51	--	69.81
MW-9	2/18/14	3788.33	LNAPL	62.36	7.49	--	--
MW-9	2/24/14	3788.33	LNAPL	62.40	7.41	--	--
MW-9	5/6/14	3788.33	LNAPL	62.54	7.29	--	--
MW-9	5/21/14	3788.33	64.83	63.85	0.98	3724.29	--
MW-9	5/28/14	3788.33	69.29	62.86	6.43	3724.25	--
MW-9	9/3/14	3788.33	LNAPL	62.84	6.97	--	--
MW-9	9/9/14	3788.33	LNAPL	62.85	4.38	--	67.23
MW-9	11/17/14	3788.33	LNAPL	63.06	6.75	--	69.81
MW-9	3/3/15	3788.33	LNAPL	63.37	6.48	--	69.85
MW-9	6/2/15	3788.33	LNAPL	63.44	6.45	--	69.89
MW-9	8/11/15	3788.33	LNAPL	63.23	6.21	--	69.44
MW-9	12/1/15	3788.33	LNAPL	64.21	5.64	--	69.85
MW-9	2/9/16	3788.33	LNAPL	64.10	5.91	--	70.01
MW-9	5/24/16	3788.33	LNAPL	64.32	5.69	--	--
MW-9	8/3/16	3788.33	--	--	--	--	--
MW-9	8/30/16	3788.33	LNAPL	64.75	5.26	--	70.01
MW-9	9/21/16	3788.33	--	--	--	--	--
MW-9	10/12/16	3788.33	--	--	--	--	--
MW-9	11/1/16	3788.33	LNAPL	64.62	5.44	--	70.06
MW-9	2/28/17	3788.33	LNAPL	64.94	5.01	--	69.95
MW-9	4/3/17	3788.33	--	--	--	--	--
MW-9	5/10/17	3788.33	--	--	--	--	--
MW-9	5/30/17	3788.33	LNAPL	65.00	5.03	--	70.03
MW-9	6/6/17	3788.33	--	--	--	--	--
MW-9	7/6/17	3790.94	--	--	--	--	--
MW-9	7/14/17	3790.94	--	--	--	--	--
MW-9	7/26/17	3790.94	--	--	--	--	--
MW-9	8/30/17	3790.94	LNAPL	65.49	4.53	--	70.02
MW-9	11/30/17	3790.94	LNAPL	65.34	4.71	--	70.05
MW-9	2/27/18	3790.94	LNAPL	65.60	4.60	--	70.2
MW-9	5/29/18	3790.94	LNAPL	65.17	4.32	--	--
MW-9	8/29/18	3790.94	69.54	66.55	2.99	3723.82	--
MW-9	11/27/18	3790.94	--	66.91	3.59	--	70.50
MW-9	2/25/19	3790.94	70.49	66.94	3.55	3723.33	--
MW-9	5/20/19	3790.94	LNAPL	66.85	3.22	--	--
MW-9	7/23/19	3790.94	LNAPL	67.60	3.55	--	--
MW-9	10/21/19	3790.94	LNAPL	67.06	3.14	--	70.21
MW-9	12/11/19	3790.94	--	--	--	--	--
MW-9	12/24/19	3790.94	--	--	--	--	--
MW-10	6/15/11	3788.46	66.54	61.77	4.77	3725.78	68.64
MW-10	8/2/11	3788.46	67.31	61.75	5.56	3725.65	--
MW-10	8/10/11	3788.46	64.89	62.28	2.61	3725.68	--
MW-10	8/18/11	3788.46	64.57	62.35	2.22	3725.69	--
MW-10	8/23/11	3788.46	65.01	62.28	2.73	3725.66	--
MW-10	9/7/11	3788.46	65.75	62.14	3.61	3725.63	68.7
MW-10	9/21/11	3788.46	66.35	62.05	4.30	3725.59	--
MW-10	9/27/11	3788.46	66.58	62.00	4.58	3725.59	--
MW-10	10/5/11	3788.46	64.70	62.41	2.29	3725.61	--
MW-10	10/12/11	3788.46	64.42	62.48	1.94	3725.61	--
MW-10	10/19/11	3788.46	64.11	62.58	1.53	3725.59	--
MW-10	10/25/11	3788.46	64.05	62.63	1.42	3725.56	--
MW-10	11/2/11	3788.46	64.06	62.91	1.15	3725.33	--
MW-10	11/16/11	3788.46	64.99	62.43	2.56	3725.54	--
MW-10	11/22/11	3788.46	64.32	62.59	1.73	3725.54	--
MW-10	11/29/11	3788.46	64.78	62.52	2.26	3725.51	68.8
MW-10	1/3/12	3788.46	66.25	62.27	3.98	3725.43	--
MW-10	1/10/12	3788.46	67.23	62.45	4.78	3725.10	--
MW-10	1/11/12	3788.46	64.80	62.60	2.20	3725.44	--
MW-10	1/24/12	3788.46	64.58	62.70	1.88	3725.40	--
MW-10	1/31/12	3788.46	64.28	62.73	1.55	3725.44	--
MW-10	2/1/12	3788.46	63.69	62.84	0.85	3725.46	--
MW-10	2/7/12	3788.46	64.08	62.78	1.30	3725.43	--
MW-10	2/14/12	3788.46	64.49	62.70	1.79	3725.42	--
MW-10	2/21/12	3788.46	--	--	--	--	--
MW-10	3/5/12	3788.46	65.28	62.57	2.71	3725.38	68.79
MW-10	3/13/12	3788.46	65.58	62.56	3.02	3725.33	--
MW-10	3/19/12	3788.46	65.71	62.49	3.22	3725.36	--
MW-10	3/27/12	3788.46	65.97	62.49	3.48	3725.31	--
MW-10	4/3/12	3788.46	66.15	62.42	3.73	3725.33	--
MW-10	4/11/12	3788.46	65.37	62.66	2.71	3725.29	--
MW-10	4/18/12	3788.46	64.86	62.75	2.11	3725.31	--
MW-10	4/24/12	3788.46	65.10	62.71	2.39	3725.30	--
MW-10	5/1/12	3788.46	64.67	62.76	1.91	3725.34	--
MW-10	5/16/12	3788.46	65.25	62.70	2.55	3725.28	--
MW-10	5/24/12	3788.46	64.41	62.90	1.51	3725.27	--
MW-10	6/5/12	3788.46	64.83	62.81	2.02	3725.27	--
MW-10	6/19/12	3788.46	65.33	62.76	2.57	3725.21	--
MW-10	6/26/12	3788.46	63.80	63.00	0.80	3725.31	--
MW-10	7/2/12	3788.46	--	--	--	--	--
MW-10	7/11/12	3788.46	64.68	62.91	1.77	3725.21	--
MW-10	7/18/12	3788.46	--	--	--	--	--
MW-10	7/24/12	3788.46	65.71	62.88	2.83	3725.04	--
MW-10	9/11/12	3788.46	66.33	62.71	3.62	3725.06	68.75
MW-10	10/16/12	3788.46	67.01	62.65	4.36	3724.98	--
MW-10	10/24/12	3788.46	67.11	62.69	4.42	3724.93	68
MW-10	10/31/12	3788.46	67.81	63.06	4.75	3724.50	--
MW-10	11/7/12	3788.46	64.85	63.15	1.70	3724.99	68.4
MW-10	12/3/12	3788.46	64.65	63.26	1.39	3724.94	--
MW-10	1/2/13	3788.46	63.41	63.11	0.30	3725.29	--
MW-10	1/16/13	3788.46	65.24	63.26	1.98	3724.82	--
MW-10	1/23/13	3788.46	65.00	63.32	1.68	3724.82	--
MW-10	2/27/13	3788.46	65.80	63.20	2.60	3724.77	--
MW-10	3/5/13	3788.46	65.89	63.17	2.72	3724.77	--
MW-10	3/13/13	3788.46	66.08	63.16	2.92	3724.75	--
MW-10	3/19/13	3788.46	66.06	63.14	2.92	3724.77	--
MW-10	3/26/13	3788.46	66.36	63.12	3.24	3724.72	--
MW-10	5/28/13	3788.46	67.48	63.00	4.48	3724.61	--
MW-10	6/12/13	3788.46	67.74	62.98	4.76	3724.58	--
MW-10	6/18/13	3788.46	67.87	63.00	4.87	3724.53	--
MW-10	7/2/13	3788.46	67.90	62.96	4.94	3724.56	--
MW-10	7/16/13	3788.46	68.05	63.00	5.05	3724.50	--
MW-10	7/23/13	3788.46	66.03	63.42	2.61	3724.54	--
MW-10	7/30/13	3788.46	65.88	63.22	2.66	3724.73	--
MW-10	8/27/13	3788.46	67.03	63.31	3.72	3724.44	--
MW-10	9/10/13	3788.46	67.36	63.25	4.11	3724.43	--
MW-10	9/17/13	3788.46	67.21	63.25	3.96	3724.46	--
MW-10	9/24/13	3788.46	67.56	63.23	4.33	3724.41	--
MW-10	10/1/13	3788.46	67.64	63.20	4.44	3724.42	--
MW-10	10/22/13	3788.46	65.75	63.68	2.07	3724.39	--
MW-10	10/29/13	3788.46	65.90	63.64	2.26	3724.39	--
MW-10	11/11/13	3788.46	66.18	63.64	2.54	3724.34	--
MW-10	11/19/13	3788.46	66.35	63.62	2.73	3724.32	--
MW-10	12/17/13	3788.46	65.95	63.80	2.15	3724.25	--
MW-10	12/23/13	3788.46	65.04	62.96	2.08	3725.10	--
MW-10	1/22/14	3788.46	65.84	63.86	1.98	3724.22	68.75
MW-10	1/28/14	3788.46	65.11	64.02	1.09	3724.23	--
MW-10	2/24/14	3788.46	65.49	63.99	1.50	3724.19	--
MW-10	5/28/14	3788.46	67.19	63.81	3.38	3724.01	--
MW-10	9/3/14	3788.46	68.33	63.82	4.51	3723.78	--
MW-10	11/17/14	3788.46	LNAPL	63.85	4.90	--	--
MW-10	3/3/15	3788.46	66.21	64.66	1.55	3723.51	--
MW-10	6/2/15	3788.46	66.10	64.86	1.24	3723.36	--
MW-10	8/10/15	3788.46	65.72	65.12	0.60	3723.23	--
MW-10	12/1/15	3788.46	66.40	65.22	1.18	3723.02	--
MW-10	2/9/16	3788.46	66.20	65.40	0.80	3722.91	--
MW-10	5/24/16	3788.46	66.96	65.66	1.30	3722.55	--
MW-10	6/15/16	3788.46	--	--	--	--	--
MW-10	6/29/16	3788.46	--	--	--	--	--
MW-10	7/6/16	3788.46	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-10	8/3/16	3788.46	--	--	--	--	--
MW-10	8/30/16	3788.46	67.58	66.41	1.17	3721.83	--
MW-10	10/5/16	3788.46	--	--	--	--	--
MW-10	10/12/16	3788.46	--	--	--	--	--
MW-10	11/1/16	3788.46	67.34	65.79	1.55	3722.38	--
MW-10	1/18/17	3788.46	--	--	--	--	--
MW-10	2/28/17	3788.46	66.83	66.23	0.60	3722.12	--
MW-10	4/3/17	3788.46	--	--	--	--	--
MW-10	5/10/17	3788.46	--	--	--	--	--
MW-10	5/17/17	3788.46	--	--	--	--	--
MW-10	5/30/17	3788.46	66.80	66.45	0.35	3721.94	--
MW-10	7/6/17	3790.94	--	--	--	--	--
MW-10	7/14/17	3790.94	--	--	--	--	--
MW-10	8/29/17	3790.94	67.10	66.59	0.51	3724.25	--
MW-10	9/6/17	3790.94	--	--	--	--	--
MW-10	9/12/17	3790.94	--	--	--	--	--
MW-10	9/20/17	3790.94	--	--	--	--	--
MW-10	10/12/17	3790.94	--	--	--	--	--
MW-10	10/18/17	3790.94	--	--	--	--	--
MW-10	10/24/17	3790.94	--	--	--	--	--
MW-10	11/14/17	3790.94	--	--	--	--	--
MW-10	11/30/17	3790.94	66.98	66.76	0.22	3724.14	--
MW-10	12/5/17	3790.94	--	--	--	--	--
MW-10	12/12/17	3790.94	--	--	--	--	--
MW-10	12/20/17	3790.94	--	--	--	--	--
MW-10	2/27/18	3790.94	67.12	66.90	0.22	3724.00	68.48
MW-10	5/29/18	3790.94	67.45	67.10	0.35	3723.77	68.48
MW-10	8/29/18	3790.94	67.68	67.23	0.45	3723.62	68.48
MW-10	11/27/18	3790.94	68.25	67.35	0.90	3723.42	--
MW-10	2/25/19	3790.94	67.90	67.42	0.48	3723.43	--
MW-10	5/20/19	3790.94	LNAPL	67.40	1.20	--	--
MW-10	6/11/19	3790.94	--	--	--	--	--
MW-10	7/23/19	3790.94	LNAPL	67.51	0.97	--	--
MW-10	8/28/19	3790.94	--	--	--	--	--
MW-10	10/21/19	3790.94	LNAPL	67.54	0.94	--	68.5
MW-11	6/15/11	3789.55	63.13	--	--	3726.42	63.4
MW-11	9/7/11	3789.55	63.18	--	--	3726.37	63.43
MW-11	11/29/11	3789.55	63.02	--	--	3726.53	63.44
MW-11	3/5/12	3789.55	63.32	--	--	3726.23	63.44
MW-11	6/5/12	3789.55	63.30	--	--	3726.25	63.36
MW-11	9/11/12	3789.55	63.32	--	--	3726.23	63.41
MW-11	12/3/12	3789.55	--	--	--	--	63.45
MW-11	3/5/13	3789.55	63.35	--	--	3726.20	63.42
MW-11	5/28/13	3789.55	Dry	--	--	--	63.43
MW-11	8/27/13	3789.55	Dry	--	--	--	63.44
MW-11	11/11/13	3789.55	Dry	--	--	--	63.43
MW-11	2/24/14	3789.55	Dry	--	--	--	63.44
MW-11	5/28/14	3789.55	63.34	--	--	3726.21	63.4
MW-11	9/3/14	3789.55	63.31	--	--	3726.24	63.40
MW-11	11/17/14	3789.57	63.35	--	--	3726.22	--
MW-11	3/3/15	3789.57	Dry	--	--	--	63.44
MW-11	6/2/15	3789.57	63.31	--	--	3726.26	63.4
MW-11	8/10/15	3789.57	Dry	--	--	--	--
MW-11	12/1/15	3789.57	Dry	--	--	--	--
MW-11	2/9/16	3789.57	Dry	--	--	--	63.65
MW-11	5/24/16	3789.57	Dry	--	--	--	--
MW-11	8/30/16	3789.57	Dry	--	--	--	--
MW-11	11/1/16	3789.57	Dry	--	--	--	--
MW-11	2/28/17	3789.57	Dry	--	--	--	--
MW-11	5/30/17	3789.57	Dry	--	--	--	63.9
MW-11	8/30/17	3792.02	Dry	--	--	--	63.33
MW-11	11/28/17	3792.02	Dry	--	--	--	63.31
MW-11	2/27/18	3792.02	Dry	--	--	--	63.42
MW-11	5/29/18	3792.02	Dry	--	--	--	--
MW-11	8/29/18	3792.02	Dry	--	--	--	--
MW-11	11/27/18	3792.02	Dry	--	--	--	--
MW-11	2/25/19	3792.02	Dry	--	--	--	--
MW-11	5/20/19	3792.02	Dry	--	--	--	--
MW-11	7/23/19	3792.02	Dry	--	--	--	--
MW-11	10/21/19	3792.02	Dry	--	--	--	63.45
MW-12	6/15/11	3787.81	62.36	--	--	3725.45	63.54
MW-12	9/7/11	3787.81	62.52	--	--	3725.29	63.58
MW-12	11/29/11	3787.81	62.68	--	--	3725.13	64.02
MW-12	3/5/12	3787.81	62.81	--	--	3725.00	63.59
MW-12	6/5/12	3787.81	62.95	--	--	3724.86	63.61
MW-12	9/11/12	3787.81	63.11	--	--	3724.70	63.6
MW-12	12/4/12	3787.81	Dry	--	--	--	--
MW-12	3/5/13	3787.81	Dry	--	--	--	63.59
MW-12	5/28/13	3787.81	Dry	--	--	--	63.51
MW-12	8/27/13	3787.81	Dry	--	--	--	63.59
MW-12	11/11/13	3787.81	Dry	--	--	--	63.6
MW-12	2/24/14	3787.81	Dry	--	--	--	--
MW-12	5/28/14	3787.81	Dry	--	--	--	--
MW-12	9/3/14	3787.81	Dry	--	--	--	--
MW-12	11/17/14	3787.81	Dry	--	--	--	--
MW-12	3/3/15	3787.81	Dry	--	--	--	63.57
MW-12	6/2/15	3787.81	63.52	--	--	3724.29	63.58
MW-12	8/10/15	3787.81	Dry	--	--	--	--
MW-12	12/1/15	3787.81	Dry	--	--	--	--
MW-12	2/9/16	3787.81	Dry	--	--	--	63.61
MW-12	5/24/16	3787.81	Dry	--	--	--	--
MW-12	8/30/16	3787.81	Dry	--	--	--	--
MW-12	11/1/16	3787.81	Dry	--	--	--	--
MW-12	2/10/17	P&A	--	--	--	--	--
MW-12R	2/28/17	3789.55	65.40	--	--	3724.15	85.23
MW-12R	3/2/17	3789.55	--	--	--	--	--
MW-12R	5/30/17	3789.55	65.58	--	--	3723.97	85.4
MW-12R	5/31/17	3789.55	--	--	--	--	--
MW-12R	6/14/17	3789.55	--	--	--	--	--
MW-12R	7/6/17	3789.55	--	--	--	--	--
MW-12R	7/14/17	3789.55	--	--	--	--	--
MW-12R	8/29/17	3789.55	65.75	--	--	3723.80	85.09
MW-12R	8/30/17	3789.55	--	--	--	--	--
MW-12R	9/12/17	3789.55	--	--	--	--	--
MW-12R	9/20/17	3789.55	--	--	--	--	--
MW-12R	10/12/17	3789.55	--	--	--	--	--
MW-12R	10/24/17	3789.55	--	--	--	--	--
MW-12R	11/28/17	3789.55	65.90	--	--	3723.65	85
MW-12R	12/1/17	3789.55	--	--	--	--	--
MW-12R	2/27/18	3789.55	66.10	--	--	3723.45	85.13
MW-12R	5/29/18	3789.55	66.26	--	--	3723.29	--
MW-12R	8/29/18	3789.55	66.39	--	--	3723.16	--
MW-12R	11/27/18	3789.55	66.61	--	--	3722.94	--
MW-12R	2/25/19	3789.55	66.53	--	--	3723.02	--
MW-12R	2/26/19	3789.55	--	--	--	--	--
MW-12R	5/20/19	3789.55	66.95	--	--	3722.60	--
MW-12R	5/22/19	3789.55	--	--	--	--	--
MW-12R	7/23/19	3789.55	67.02	--	--	3722.53	--
MW-12R	7/24/19	3789.55	--	--	--	--	--
MW-12R	10/21/19	3789.55	67.26	--	--	3722.29	85.13
MW-12R	10/23/19	3789.55	--	--	--	--	--
MW-13	6/15/11	3788.55	LNAPL	61.69	1.60	--	63.29
MW-13	8/2/11	3788.55	63.30	61.81	1.49	3726.46	--
MW-13	8/10/11	3788.55	LNAPL	61.85	1.76	--	63.61
MW-13	8/23/11	3788.55	63.12	61.95	1.17	3726.38	--
MW-13	9/7/11	3788.55	63.09	61.90	1.19	3726.42	63.31
MW-13	9/21/11	3788.55	63.28	61.91	1.37	3726.38	--
MW-13	9/27/11	3788.55	LNAPL	61.91	1.42	--	63.33
MW-13	10/5/11	3788.55	LNAPL	61.94	1.35	--	63.29
MW-13	10/12/11	3788.55	LNAPL	61.96	2.01	--	63.97

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-13	10/19/11	3788.55	LNAPL	62.00	1.30	--	63.3
MW-13	10/25/11	3788.55	LNAPL	62.00	1.35	--	63.35
MW-13	11/2/11	3788.55	LNAPL	62.01	1.34	--	63.35
MW-13	11/8/11	3788.55	LNAPL	62.02	1.30	--	63.32
MW-13	11/16/11	3788.55	LNAPL	62.05	1.26	--	63.31
MW-13	11/22/11	3788.55	63.35	61.98	1.37	3726.31	--
MW-13	11/29/11	3788.55	LNAPL	62.01	3.34	--	65.35
MW-13	1/3/12	3788.55	LNAPL	62.03	1.29	--	63.32
MW-13	1/10/12	3788.55	63.32	62.04	1.28	3726.27	--
MW-13	1/11/12	3788.55	63.32	62.05	1.27	3726.26	--
MW-13	1/24/12	3788.55	LNAPL	62.08	1.25	--	63.33
MW-13	1/31/12	3788.55	LNAPL	62.11	1.27	--	63.38
MW-13	2/7/12	3788.55	LNAPL	62.10	1.22	--	63.32
MW-13	2/14/12	3788.55	LNAPL	62.08	1.19	--	63.27
MW-13	2/21/12	3788.55	LNAPL	62.13	1.20	--	63.33
MW-13	3/5/12	3788.55	LNAPL	62.11	3.20	--	65.31
MW-13	3/13/12	3788.55	LNAPL	61.80	1.60	--	63.4
MW-13	3/19/12	3788.55	LNAPL	62.14	1.16	--	63.3
MW-13	3/27/12	3788.55	--	--	--	--	--
MW-13	4/3/12	3788.55	--	--	--	--	--
MW-13	4/11/12	3788.55	--	--	--	--	--
MW-13	4/18/12	3788.55	--	--	--	--	--
MW-13	4/24/12	3788.55	--	--	--	--	--
MW-13	5/1/12	3788.55	LNAPL	62.18	1.15	--	63.33
MW-13	5/16/12	3788.55	LNAPL	62.20	1.10	--	63.3
MW-13	5/24/12	3788.55	LNAPL	62.23	1.19	--	63.42
MW-13	6/5/12	3788.55	LNAPL	62.23	1.11	--	63.34
MW-13	6/26/12	3788.55	LNAPL	62.27	1.03	--	63.3
MW-13	7/2/12	3788.55	LNAPL	62.26	1.05	--	63.31
MW-13	7/11/12	3788.55	LNAPL	62.31	1.09	--	63.4
MW-13	8/8/12	3788.55	LNAPL	62.31	0.98	--	63.29
MW-13	8/15/12	3788.55	LNAPL	62.29	1.00	--	63.29
MW-13	9/11/12	3788.55	LNAPL	62.38	1.10	--	63.48
MW-13	10/10/12	3788.55	LNAPL	62.43	0.98	--	63.41
MW-13	10/16/12	3788.55	LNAPL	62.50	1.30	--	63.31
MW-13	10/24/12	3788.55	Dry	--	--	--	--
MW-13	10/31/12	3788.55	LNAPL	62.45	0.85	--	--
MW-13	11/7/12	3788.55	LNAPL	62.55	0.76	--	--
MW-13	11/28/12	3788.55	LNAPL	62.49	0.94	--	63.43
MW-13	12/3/12	3788.55	LNAPL	62.51	0.80	--	63.31
MW-13	1/2/13	3788.55	LNAPL	62.60	0.71	--	63.31
MW-13	1/16/13	3788.55	LNAPL	62.61	0.70	--	63.31
MW-13	1/23/13	3788.55	LNAPL	62.61	0.84	--	63.45
MW-13	2/27/13	3788.55	LNAPL	62.65	0.80	--	63.45
MW-13	3/5/13	3788.55	LNAPL	62.68	0.75	--	63.43
MW-13	3/13/13	3788.55	LNAPL	62.70	0.63	--	63.33
MW-13	3/19/13	3788.55	LNAPL	62.73	1.15	--	63.88
MW-13	3/26/13	3788.55	LNAPL	62.70	0.85	--	63.55
MW-13	5/28/13	3788.55	LNAPL	62.81	0.01	--	62.82
MW-13	6/12/13	3788.55	LNAPL	62.80	0.41	--	63.21
MW-13	6/18/13	3788.55	LNAPL	62.84	0.32	--	63.16
MW-13	6/25/13	3788.55	LNAPL	62.87	0.51	--	63.38
MW-13	7/2/13	3788.55	LNAPL	62.85	0.53	--	63.38
MW-13	7/16/13	3788.55	LNAPL	62.90	0.48	--	63.38
MW-13	7/23/13	3788.55	LNAPL	63.30	0.08	--	--
MW-13	7/30/13	3788.55	LNAPL	62.86	0.44	--	63.3
MW-13	8/27/13	3788.55	LNAPL	62.96	0.34	--	63.3
MW-13	9/10/13	3788.55	LNAPL	62.97	0.48	--	63.45
MW-13	9/17/13	3788.55	LNAPL	62.99	0.45	--	63.44
MW-13	9/24/13	3788.55	LNAPL	62.99	0.23	--	63.22
MW-13	10/1/13	3788.55	LNAPL	63.00	0.30	--	63.3
MW-13	10/22/13	3788.55	LNAPL	63.05	0.29	--	63.34
MW-13	10/29/13	3788.55	LNAPL	63.08	0.25	--	63.33
MW-13	11/11/13	3788.55	LNAPL	63.09	0.24	--	63.33
MW-13	12/23/13	3788.55	LNAPL	63.14	0.17	--	63.31
MW-13	2/24/14	3788.55	LNAPL	63.28	0.03	--	--
MW-13	5/28/14	3788.55	Dry	--	--	--	--
MW-13	9/3/14	3788.55	Dry	--	--	--	--
MW-13	11/17/14	3788.55	Dry	--	--	--	--
MW-13	3/3/15	3788.55	Dry	--	--	--	63.32
MW-13	6/2/15	3788.55	Dry	--	--	--	63.3
MW-13	8/10/15	3788.55	Dry	--	--	--	--
MW-13	12/1/15	3788.55	Dry	--	--	--	--
MW-13	2/9/16	3788.55	Dry	--	--	--	63.55
MW-13	5/24/16	3788.55	Dry	--	--	--	--
MW-13	8/30/16	3788.55	Dry	--	--	--	--
MW-13	11/1/16	3788.55	Dry	--	--	--	--
MW-13	2/28/17	3788.55	Dry	--	--	--	--
MW-13	5/30/17	3788.55	Dry	--	--	--	63.41
MW-13	8/30/17	3790.98	Dry	--	--	--	63.28
MW-13	11/28/17	3790.98	Dry	--	--	--	63.24
MW-13	2/27/18	3790.98	Dry	--	--	--	63.29
MW-13	5/29/18	3790.98	Dry	--	--	--	63.3
MW-13	8/29/18	3790.98	Dry	--	--	--	63.29
MW-13	11/27/18	3790.98	Dry	--	--	--	--
MW-13	2/25/19	3790.98	Dry	--	--	--	--
MW-13	5/20/19	3790.98	Dry	--	--	--	--
MW-13	7/23/19	3790.98	Dry	--	--	--	--
MW-13	10/21/19	3790.98	Dry	--	--	--	63.31
MW-14	6/15/11	3788.72	LNAPL	62.29	1.08	--	63.37
MW-14	8/2/11	3788.72	61.41	--	--	3727.31	--
MW-14	8/10/11	3788.72	LNAPL	61.42	1.99	LNAPL at TD	63.41
MW-14	8/23/11	3788.72	63.41	61.48	1.93	3726.87	--
MW-14	9/7/11	3788.72	LNAPL	61.45	1.97	--	63.42
MW-14	9/21/11	3788.72	63.48	61.49	1.99	3726.85	--
MW-14	9/27/11	3788.72	63.44	61.50	1.94	3726.85	--
MW-14	10/5/11	3788.72	LNAPL	61.52	1.80	--	63.32
MW-14	10/12/11	3788.72	LNAPL	61.54	2.26	--	63.8
MW-14	10/19/11	3788.72	LNAPL	61.56	1.90	--	63.46
MW-14	10/25/11	3788.72	LNAPL	61.55	1.75	--	63.3
MW-14	11/2/11	3788.72	LNAPL	61.57	1.74	--	63.31
MW-14	11/8/11	3788.72	LNAPL	61.61	1.81	--	63.42
MW-14	11/16/11	3788.72	LNAPL	61.60	2.35	--	63.95
MW-14	11/22/11	3788.72	LNAPL	61.57	3.05	--	64.62
MW-14	11/29/11	3788.72	LNAPL	61.65	1.71	--	63.36
MW-14	1/3/12	3788.72	LNAPL	61.63	1.67	--	63.3
MW-14	1/10/12	3788.72	LNAPL	61.67	1.63	--	--
MW-14	1/11/12	3788.72	63.43	61.68	1.75	3726.71	--
MW-14	1/24/12	3788.72	LNAPL	61.70	1.60	--	63.3
MW-14	1/31/12	3788.72	LNAPL	61.74	1.74	--	63.48
MW-14	2/7/12	3788.72	LNAPL	61.75	1.55	--	63.3
MW-14	2/14/12	3788.72	LNAPL	61.70	1.59	--	63.29
MW-14	2/21/12	3788.72	LNAPL	61.77	1.54	--	63.31
MW-14	3/5/12	3788.72	LNAPL	61.77	1.54	--	63.31
MW-14	3/13/12	3788.72	LNAPL	62.15	1.15	--	63.3
MW-14	3/19/12	3788.72	LNAPL	61.77	1.64	--	63.41
MW-14	3/27/12	3788.72	--	--	--	--	--
MW-14	4/3/12	3788.72	--	--	--	--	--
MW-14	4/11/12	3788.72	LNAPL	62.80	0.62	--	63.42
MW-14	4/18/12	3788.72	--	--	--	--	--
MW-14	4/24/12	3788.72	--	--	--	--	--
MW-14	5/1/12	3788.72	LNAPL	61.85	1.56	--	63.41
MW-14	5/9/12	3788.72	--	--	--	--	--
MW-14	5/16/12	3788.72	LNAPL	61.87	1.53	--	63.4
MW-14	5/24/12	3788.72	LNAPL	61.90	1.51	--	63.41
MW-14	6/5/12	3788.72	LNAPL	61.91	1.46	--	63.37
MW-14	6/19/12	3788.72	--	--	--	--	--
MW-14	6/26/12	3788.72	LNAPL	61.93	1.47	--	63.4
MW-14	7/2/12	3788.72	LNAPL	61.95	1.45	--	--
MW-14	7/11/12	3788.72	LNAPL	61.98	1.42	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-14	7/18/12	3788.72	--	--	--	--	--
MW-14	7/24/12	3788.72	--	--	--	--	--
MW-14	8/1/12	3788.72	--	--	--	--	--
MW-14	8/8/12	3788.72	LNAPL	61.97	1.42	--	63.39
MW-14	8/15/12	3788.72	LNAPL	61.95	1.44	--	63.39
MW-14	8/21/12	3788.72	--	--	--	--	--
MW-14	8/28/12	3788.72	--	--	--	--	--
MW-14	9/1/12	3788.72	--	--	--	--	--
MW-14	9/11/12	3788.72	LNAPL	61.03	1.24	--	63.27
MW-14	10/10/12	3788.72	LNAPL	62.43	0.98	--	63.41
MW-14	10/16/12	3788.72	LNAPL	62.01	0.42	--	63.43
MW-14	10/24/12	3788.72	63.04	62.13	0.91	3726.42	--
MW-14	10/31/12	3788.72	LNAPL	62.14	0.90	--	63.04
MW-14	11/7/12	3788.72	LNAPL	62.21	1.19	--	63.4
MW-14	11/28/12	3788.72	LNAPL	62.18	1.22	--	63.4
MW-14	12/3/12	3788.72	LNAPL	62.24	1.17	--	63.41
MW-14	1/2/13	3788.72	63.41	62.88	0.53	3725.74	63.4
MW-14	1/16/13	3788.72	LNAPL	63.31	0.10	--	63.41
MW-14	1/23/13	3788.72	LNAPL	62.31	1.09	--	63.4
MW-14	2/27/13	3788.72	LNAPL	62.35	1.06	--	63.41
MW-14	3/5/13	3788.72	LNAPL	62.38	1.03	--	63.41
MW-14	3/13/13	3788.72	63.45	62.40	1.05	3726.12	--
MW-14	3/19/13	3788.72	63.43	62.39	1.04	3726.13	--
MW-14	3/26/13	3788.72	LNAPL	62.39	1.03	--	63.42
MW-14	5/28/13	3788.72	63.35	62.51	0.84	3726.05	--
MW-14	6/12/13	3788.72	LNAPL	62.50	0.80	--	63.3
MW-14	6/18/13	3788.72	63.36	62.53	0.83	3726.03	--
MW-14	6/25/13	3788.72	LNAPL	62.55	0.85	--	63.4
MW-14	7/2/13	3788.72	LNAPL	62.56	0.84	--	63.4
MW-14	7/16/13	3788.72	LNAPL	62.60	0.80	--	63.4
MW-14	7/23/13	3788.72	63.32	62.61	0.71	3725.98	--
MW-14	7/30/13	3788.72	63.41	62.64	0.77	3725.93	--
MW-14	8/27/13	3788.72	LNAPL	62.68	0.74	--	63.42
MW-14	9/10/13	3788.72	63.29	62.70	0.59	3725.91	--
MW-14	9/17/13	3788.72	63.28	62.72	0.56	3725.89	--
MW-14	9/24/13	3788.72	63.30	62.73	0.57	3725.88	--
MW-14	10/1/13	3788.72	LNAPL	62.72	0.68	--	--
MW-14	10/22/13	3788.72	LNAPL	62.83	0.47	--	63.3
MW-14	10/29/13	3788.72	63.30	62.83	0.47	3725.80	63.42
MW-14	11/11/13	3788.72	LNAPL	62.89	0.53	--	--
MW-14	12/23/13	3788.72	LNAPL	62.99	0.41	--	63.4
MW-14	2/24/14	3788.72	LNAPL	63.16	0.27	--	63.43
MW-14	5/28/14	3788.72	63.30	63.20	0.10	3725.50	--
MW-14	9/3/14	3788.72	63.28	63.21	0.07	3725.50	--
MW-14	11/17/14	3788.74	LNAPL	63.24	0.19	--	--
MW-14	3/3/15	3788.74	63.28	63.22	0.06	3725.51	--
MW-14	6/2/15	3788.74	63.25	63.20	0.05	3725.53	--
MW-14	8/10/15	3788.74	63.28	63.24	0.04	3725.49	--
MW-14	12/1/15	3788.74	Dry	--	--	--	63.43
MW-14	2/9/16	3788.74	Dry	--	--	--	63.61
MW-14	5/24/16	3788.74	Dry	--	--	--	--
MW-14	8/30/16	3788.74	Dry	--	--	--	--
MW-14	11/1/16	3788.74	Dry	--	--	--	--
MW-14	2/28/17	3788.74	Dry	--	--	--	--
MW-14	5/30/17	3788.74	Dry	--	--	--	63.4
MW-14	8/30/17	3791.16	Dry	--	--	--	63.36
MW-14	11/28/17	3791.16	Dry	--	--	--	63.35
MW-14	2/27/18	3791.16	Dry	--	--	--	63.41
MW-14	5/29/18	3791.16	Dry	--	--	--	--
MW-14	8/29/18	3791.16	Dry	--	--	--	--
MW-14	11/27/18	3791.16	Dry	--	--	--	63.40
MW-14	2/25/19	3791.16	Dry	--	--	--	--
MW-14	5/20/19	3791.16	Dry	--	--	--	--
MW-14	7/23/19	3791.16	Dry	--	--	--	--
MW-14	10/21/19	3791.16	Dry	--	--	--	63.41
MW-15	6/15/11	3788.95	62.68	--	--	3726.27	63.5
MW-15	9/7/11	3788.95	62.84	--	--	3726.11	63.53
MW-15	11/29/11	3788.95	63.01	--	--	3725.94	64.14
MW-15	3/5/12	3788.95	63.10	--	--	3725.85	64.14
MW-15	6/5/12	3788.95	63.25	--	--	3725.70	63.5
MW-15	9/11/12	3788.95	63.36	--	--	3725.59	63.56
MW-15	12/3/12	3788.95	Dry	--	--	--	63.53
MW-15	3/5/13	3788.95	63.48	--	--	3725.47	63.55
MW-15	5/28/13	3788.95	Dry	--	--	--	63.53
MW-15	8/27/13	3788.95	Dry	--	--	--	63.53
MW-15	11/11/13	3788.95	Dry	--	--	--	--
MW-15	2/24/14	3788.95	Dry	--	--	--	--
MW-15	5/28/14	3788.95	Dry	--	--	--	--
MW-15	9/3/14	3788.95	Dry	--	--	--	--
MW-15	11/17/14	3788.95	Dry	--	--	--	--
MW-15	3/3/15	3788.95	Dry	--	--	--	63.52
MW-15	6/2/15	3788.95	Dry	--	--	--	63.5
MW-15	8/10/15	3788.95	Dry	--	--	--	--
MW-15	12/1/15	3788.95	Dry	--	--	--	--
MW-15	2/9/16	3788.95	Dry	--	--	--	63.6
MW-15	5/24/16	3788.95	Dry	--	--	--	--
MW-15	8/30/16	3788.95	Dry	--	--	--	--
MW-15	11/1/16	3788.95	Dry	--	--	--	--
MW-15	2/10/17	P&A	--	--	--	--	--
MW-16	6/15/11	3789.61	63.08	--	--	3726.53	63.45
MW-16	9/7/11	3789.61	63.25	--	--	3726.36	63.5
MW-16	11/29/11	3789.61	63.03	--	--	3726.58	64.24
MW-16	3/5/12	3789.61	Dry	--	--	--	63.44
MW-16	6/5/12	3789.61	Dry	--	--	--	63.5
MW-16	9/11/12	3789.61	Dry	--	--	--	63.5
MW-16	12/3/12	3789.61	Dry	--	--	--	63.51
MW-16	3/5/13	3789.61	Dry	--	--	--	63.47
MW-16	5/28/13	3789.61	63.44	--	--	3726.17	--
MW-16	8/27/13	3789.61	Dry	--	--	--	63.48
MW-16	11/11/13	3789.61	Dry	--	--	--	63.47
MW-16	2/24/14	3789.61	Dry	--	--	--	63.48
MW-16	5/28/14	3789.61	Dry	--	--	--	--
MW-16	9/3/14	3789.61	Dry	--	--	--	--
MW-16	11/17/14	3789.61	Dry	--	--	--	--
MW-16	3/3/15	3789.61	Dry	--	--	--	--
MW-16	6/2/15	3789.61	Dry	--	--	--	63.45
MW-16	8/10/15	3789.61	Dry	--	--	--	--
MW-16	12/1/15	3789.61	Dry	--	--	--	--
MW-16	2/9/16	3789.61	Dry	--	--	--	63.61
MW-16	5/24/16	3789.61	Dry	--	--	--	--
MW-16	8/30/16	3789.61	Dry	--	--	--	--
MW-16	11/1/16	3789.61	Dry	--	--	--	--
MW-16	2/10/17	P&A	--	--	--	--	--
MW-16R	2/28/17	3791.21	66.01	--	--	3725.20	84.88
MW-16R	3/2/17	3791.21	--	--	--	--	--
MW-16R	5/30/17	3791.21	66.20	--	--	3725.01	85.23
MW-16R	5/31/17	3791.21	--	--	--	--	--
MW-16R	8/30/17	3791.21	66.41	--	--	3724.80	84.7
MW-16R	8/30/17	3791.21	--	--	--	--	--
MW-16R	11/28/17	3791.21	66.56	--	--	3724.65	84.57
MW-16R	12/1/17	3791.21	--	--	--	--	--
MW-16R	2/27/18	3791.21	66.72	--	--	3724.49	84.78
MW-16R	5/29/18	3791.21	66.90	--	--	3724.31	84.85
MW-16R	8/29/18	3791.21	67.05	--	--	3724.16	84.78
MW-16R	11/27/18	3791.21	67.22	--	--	3723.99	--
MW-16R	2/25/19	3791.21	67.44	--	--	3723.77	--
MW-16R	2/26/19	3791.21	--	--	--	-	--
MW-16R	5/20/19	3791.21	67.60	--	--	3723.61	--
MW-16R	5/22/19	3791.21	--	--	--	-	--
MW-16R	7/23/19	3791.21	67.71	--	--	3723.50	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-16R	7/24/19	3791.21	--	--	--	-	--
MW-16R	10/21/19	3791.21	67.93	--	--	3723.28	84.78
MW-16R	10/24/19	3791.21	--	--	--	--	--
MW-17	6/15/11	3787.95	62.30	--	--	3725.65	63
MW-17	9/7/11	3787.95	62.47	--	--	3725.48	63
MW-17	11/29/11	3787.95	62.62	--	--	3725.33	62.94
MW-17	3/5/12	3787.95	LNAPL	62.75	0.26	--	63.01
MW-17	6/5/12	3787.95	62.90	--	--	3725.05	63
MW-17	9/11/12	3787.95	Dry	--	--	--	63.03
MW-17	12/4/12	3787.95	Dry	--	--	--	63.4
MW-17	3/5/13	3787.95	Dry	--	--	--	63.03
MW-17	5/28/13	3787.95	Dry	--	--	--	63
MW-17	8/27/13	3787.95	Dry	--	--	--	63.03
MW-17	11/11/13	3787.95	Dry	--	--	--	63.02
MW-17	2/24/14	3787.95	Dry	--	--	--	--
MW-17	5/28/14	3787.95	Dry	--	--	--	--
MW-17	9/3/14	3787.95	Dry	--	--	--	--
MW-17	10/8/14	P&A	--	--	--	--	--
MW-17R	11/17/14	3787.79	64.30	--	--	3723.49	82.31
MW-17R	3/3/15	3787.79	64.48	--	--	3723.31	82.26
MW-17R	6/2/15	3787.79	64.61	--	--	3723.18	--
MW-17R	8/10/15	3787.79	64.78	--	--	3723.01	--
MW-17R	12/1/15	3787.79	64.97	--	--	3722.82	--
MW-17R	2/9/16	3787.79	65.10	--	--	3722.69	78.42
MW-17R	5/24/16	3787.79	65.34	--	--	3722.45	--
MW-17R	8/30/16	3787.79	65.55	--	--	3722.24	--
MW-17R	8/31/16	3787.79	--	--	--	--	--
MW-17R	11/1/16	3787.79	65.63	--	--	3722.16	78.42
MW-17R	11/4/16	3787.79	--	--	--	--	--
MW-17R	2/28/17	3787.79	65.84	--	--	3721.95	78.46
MW-17R	3/2/17	3787.79	--	--	--	--	--
MW-17R	5/30/17	3787.79	66.00	--	--	3721.79	78.61
MW-17R	5/31/17	3787.79	--	--	--	--	--
MW-17R	8/29/17	3790.20	66.19	--	--	3724.01	78.63
MW-17R	8/30/17	3790.20	--	--	--	--	--
MW-17R	10/12/17	3790.20	--	--	--	--	--
MW-17R	11/28/17	3790.20	66.36	--	--	3723.84	78.61
MW-17R	12/1/17	3790.20	--	--	--	--	--
MW-17R	2/27/18	3790.20	66.52	--	--	3723.68	78.69
MW-17R	5/29/18	3790.20	66.71	--	--	3723.49	78.8
MW-17R	8/29/18	3790.20	66.85	--	--	3723.35	78.69
MW-17R	11/27/18	3790.20	67.03	--	--	3723.17	--
MW-17R	2/25/19	3790.20	67.21	--	--	3722.99	--
MW-17R	2/26/19	3790.20	--	--	--	--	--
MW-17R	5/20/19	3790.20	67.42	--	--	3722.78	--
MW-17R	5/22/19	3790.20	--	--	--	--	--
MW-17R	7/23/19	3790.20	67.50	--	--	3722.70	--
MW-17R	7/24/19	3790.20	--	--	--	--	--
MW-17R	10/21/19	3790.20	67.70	--	--	3722.50	78.69
MW-17R	10/23/19	3790.20	--	--	--	--	--
MW-18	6/15/11	3788.82	62.80	--	--	3726.02	63.42
MW-18	9/7/11	3788.82	62.98	--	--	3725.84	63.44
MW-18	11/29/11	3788.82	63.14	--	--	3725.68	64
MW-18	3/5/12	3788.82	Dry	--	--	--	63.48
MW-18	6/5/12	3788.82	63.40	--	--	3725.42	63.43
MW-18	9/11/12	3788.82	Dry	--	--	--	63.45
MW-18	12/4/12	3788.82	Dry	--	--	--	63.43
MW-18	3/5/13	3788.82	Dry	--	--	--	63.44
MW-18	5/28/13	3788.82	Dry	--	--	--	63.42
MW-18	8/27/13	3788.82	Dry	--	--	--	63.45
MW-18	11/11/13	3788.82	Dry	--	--	--	63.74
MW-18	2/24/14	3788.82	Dry	--	--	--	63.45
MW-18	5/28/14	3788.82	Dry	--	--	--	--
MW-18	9/3/14	3788.82	Dry	--	--	--	--
MW-18	11/17/14	3788.82	Dry	--	--	--	--
MW-18	3/3/15	3788.82	Dry	--	--	--	--
MW-18	6/2/15	3788.82	Dry	--	--	--	--
MW-18	8/10/15	3788.82	Dry	--	--	--	--
MW-18	12/1/15	3788.82	Dry	--	--	--	--
MW-18	2/9/16	3788.82	Dry	--	--	--	63.62
MW-18	5/24/16	3788.82	Dry	--	--	--	63.62
MW-18	8/30/16	3788.82	Dry	--	--	--	--
MW-18	11/1/16	3788.82	Dry	--	--	--	--
MW-18	2/10/17	P&A	--	--	--	--	--
MW-18R	2/28/17	3791.04	66.26	--	--	3724.78	84.5
MW-18R	3/2/17	3791.04	--	--	--	--	--
MW-18R	5/2/17	3791.04	--	--	--	--	--
MW-18R	5/30/17	3791.04	66.45	--	--	3724.59	81.6
MW-18R	5/31/17	3791.04	--	--	--	--	--
MW-18R	8/29/17	3791.04	66.61	--	--	3724.43	81.38
MW-18R	8/30/17	3791.04	--	--	--	--	--
MW-18R	11/28/17	3791.04	66.76	--	--	3724.28	81.42
MW-18R	12/1/17	3791.04	--	--	--	--	--
MW-18R	2/27/18	3791.04	66.94	--	--	3724.10	81.48
MW-18R	5/29/18	3791.04	67.13	--	--	3723.91	81.52
MW-18R	8/29/18	3791.04	67.28	--	--	3723.76	81.48
MW-18R	11/27/18	3791.04	67.47	--	--	3723.57	--
MW-18R	2/25/19	3791.04	67.67	--	--	3723.37	--
MW-18R	2/26/19	3791.04	--	--	--	--	--
MW-18R	5/20/19	3791.04	67.88	--	--	3723.16	--
MW-18R	5/22/19	3791.04	--	--	--	--	--
MW-18R	7/23/19	3791.04	67.91	--	--	3723.13	--
MW-18R	7/24/19	3791.04	--	--	--	--	--
MW-18R	10/21/19	3791.04	68.13	--	--	3722.91	81.48
MW-18R	10/23/19	3791.04	--	--	--	--	--
MW-19	6/15/11	3787.51	62.31	--	--	3725.20	63.33
MW-19	9/7/11	3787.51	62.48	--	--	3725.03	63.35
MW-19	11/29/11	3787.51	62.63	--	--	3724.88	63.91
MW-19	3/5/12	3787.51	62.74	--	--	3724.77	63.95
MW-19	6/5/12	3787.51	Dry	--	--	--	63.67
MW-19	9/11/12	3787.51	62.83	--	--	3724.68	63.36
MW-19	12/4/12	3787.51	Dry	--	--	--	--
MW-19	3/5/13	3787.51	63.13	--	--	3724.38	63.37
MW-19	5/28/13	3787.51	Dry	--	--	--	63.34
MW-19	8/27/13	3787.51	Dry	--	--	--	63.58
MW-19	11/11/13	3787.51	Dry	--	--	--	49.31
MW-19	2/24/14	3787.51	Dry	--	--	--	63.38
MW-19	5/28/14	3787.51	Dry	--	--	--	--
MW-19	9/3/14	3787.51	Dry	--	--	--	--
MW-19	10/8/14	P&A	--	--	--	--	--
MW-19R	11/17/14	3787.26	64.16	--	--	3723.10	82.2
MW-19R	3/3/15	3787.26	64.35	--	--	3722.91	81.22
MW-19R	6/2/15	3787.26	64.46	--	--	3722.80	--
MW-19R	8/10/15	3787.26	64.62	--	--	3722.64	--
MW-19R	12/1/15	3787.26	64.83	--	--	3722.43	--
MW-19R	2/9/16	3787.26	64.95	--	--	3722.31	80.6
MW-19R	5/24/16	3787.26	65.18	--	--	3722.08	--
MW-19R	8/30/16	3787.26	65.38	--	--	3721.88	--
MW-19R	8/31/16	3789.67	--	--	--	--	--
MW-19R	11/1/16	3787.26	65.47	--	--	3721.79	80.6
MW-19R	11/4/16	3787.26	--	--	--	--	--
MW-19R	2/28/17	3787.26	65.69	--	--	3721.57	78.97
MW-19R	3/2/17	3787.26	--	--	--	--	--
MW-19R	5/30/17	3787.26	65.85	--	--	3721.41	79.91
MW-19R	5/31/17	3787.26	--	--	--	--	--
MW-19R	6/14/17	3787.26	--	--	--	--	--
MW-19R	7/6/17	3789.67	--	--	--	--	--
MW-19R	7/14/17	3789.67	--	--	--	--	--
MW-19R	8/30/17	3789.67	66.05	--	--	3723.62	78.58
MW-19R	9/6/17	3789.67	--	--	--	--	--
MW-19R	9/12/17	3789.67	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-19R	9/20/17	3789.67	--	--	--	--	--
MW-19R	10/12/17	3789.67	--	--	--	--	--
MW-19R	10/24/17	3789.67	--	--	--	--	--
MW-19R	11/28/17	3789.67	66.21	--	--	3723.46	78.19
MW-19R	12/1/17	3789.67	--	--	--	--	--
MW-19R	2/27/18	3789.67	66.37	--	--	3723.30	71.11
MW-19R	4/24/18	3789.67	66.46	--	--	3723.21	--
MW-19R	5/29/18	3789.67	66.55	--	--	3723.12	78.23
MW-19R	8/29/18	3789.67	66.68	--	--	3722.99	--
MW-19R	11/27/18	3789.67	66.85	--	--	3722.82	--
MW-19R	2/25/19	3789.67	67.06	--	--	3722.61	--
MW-19R	2/26/19	3789.67	--	--	--	--	--
MW-19R	5/20/19	3789.67	67.23	--	--	3722.44	--
MW-19R	5/22/19	3789.67	--	--	--	--	--
MW-19R	7/23/19	3789.67	67.30	--	--	3722.37	--
MW-19R	7/24/19	3789.67	--	--	--	--	--
MW-19R	10/21/19	3789.67	67.51	--	--	3722.16	71.11
MW-19R	10/23/19	3789.67	--	--	--	--	--
MW-20	6/15/11	3788.53	62.52	--	--	3726.01	63.36
MW-20	9/7/11	3788.53	62.68	--	--	3725.85	63.38
MW-20	11/29/11	3788.53	62.82	--	--	3725.71	63.97
MW-20	3/5/12	3788.53	62.94	--	--	3725.59	63.33
MW-20	6/5/12	3788.53	63.11	--	--	3725.42	63.4
MW-20	9/11/12	3788.53	60.26	--	--	3728.27	63.34
MW-20	12/3/12	3788.53	Dry	--	--	--	63.35
MW-20	3/5/13	3788.53	Dry	--	--	--	63.33
MW-20	5/28/13	3788.53	Dry	--	--	--	--
MW-20	8/27/13	3788.53	Dry	--	--	--	63.32
MW-20	11/11/13	3788.53	Dry	--	--	--	63.35
MW-20	2/24/14	3788.53	Dry	--	--	--	63.34
MW-20	5/28/14	3788.53	Dry	--	--	--	--
MW-20	9/3/14	3788.53	Dry	--	--	--	--
MW-20	10/9/14	P&A	--	--	--	--	--
MW-20R	11/17/14	3787.28	63.74	--	--	3723.54	73.74
MW-20R	3/3/15	3787.28	63.92	--	--	3723.36	73.52
MW-20R	6/2/15	3787.28	64.06	--	--	3723.22	--
MW-20R	8/10/15	3787.28	64.23	--	--	3723.05	--
MW-20R	12/1/15	3787.28	64.42	--	--	3722.86	--
MW-20R	2/9/16	3787.28	64.58	--	--	3722.70	73.48
MW-20R	5/24/16	3787.28	64.78	--	--	3722.50	--
MW-20R	8/30/16	3787.28	64.98	--	--	3722.30	--
MW-20R	8/31/16	3787.28	--	--	--	--	--
MW-20R	11/1/16	3787.28	65.06	--	--	3722.22	73.48
MW-20R	11/4/16	3787.28	--	--	--	--	--
MW-20R	2/28/17	3787.28	65.32	--	--	3721.96	72.17
MW-20R	3/2/17	3787.28	--	--	--	--	--
MW-20R	5/30/17	3787.28	65.45	--	--	3721.83	72.51
MW-20R	5/31/17	3787.28	--	--	--	--	--
MW-20R	8/30/17	3789.73	65.65	--	--	3724.08	72.01
MW-20R	11/28/17	3789.73	65.80	--	--	3723.93	71.92
MW-20R	12/1/17	3789.73	--	--	--	--	--
MW-20R	2/27/18	3789.73	65.94	--	--	3723.79	72.06
MW-20R	4/24/18	3789.73	66.07	--	--	3723.66	72.03
MW-20R	5/29/18	3789.73	66.14	--	--	3723.59	72.06
MW-20R	8/29/18	3789.73	66.28	--	--	3723.45	--
MW-20R	11/27/18	3789.73	66.55	--	--	3723.18	--
MW-20R	2/25/19	3789.73	66.67	--	--	3723.06	--
MW-20R	2/26/19	3789.73	--	--	--	--	--
MW-20R	5/20/19	3789.73	66.90	--	--	3722.83	--
MW-20R	5/22/19	3789.73	--	--	--	--	--
MW-20R	7/23/19	3789.73	66.95	--	--	3722.78	--
MW-20R	7/24/19	3789.73	--	--	--	--	--
MW-20R	10/21/19	3789.73	67.15	--	--	3722.58	72.06
MW-20R	10/24/19	3789.73	--	--	--	--	--
MW-21	6/15/11	3786.46	62.35	--	--	3724.11	68.31
MW-21	9/7/11	3786.46	62.52	--	--	3723.94	68.3
MW-21	11/29/11	3786.46	62.66	--	--	3723.80	68.28
MW-21	3/5/12	3786.46	62.78	--	--	3723.68	68.21
MW-21	6/5/12	3786.46	62.92	--	--	3723.54	68.39
MW-21	9/11/12	3786.46	63.18	--	--	3723.28	68.31
MW-21	12/3/12	3786.46	63.25	--	--	3723.21	68.35
MW-21	3/5/13	3786.46	63.54	--	--	3722.92	68.34
MW-21	5/28/13	3786.46	63.52	--	--	3722.94	68.3
MW-21	8/27/13	3786.46	63.67	--	--	3722.79	68.3
MW-21	11/11/13	3786.46	63.83	--	--	3722.63	68.35
MW-21	2/24/14	3786.46	63.98	--	--	3722.48	68.33
MW-21	5/28/14	3786.46	64.15	--	--	3722.31	--
MW-21	9/3/14	3786.46	64.33	--	--	3722.13	--
MW-21	11/17/14	3787.85	64.48	--	--	3723.37	--
MW-21	3/3/15	3787.85	64.66	--	--	3723.19	68.35
MW-21	6/2/15	3787.85	64.79	--	--	3723.06	--
MW-21	8/10/15	3787.85	64.94	--	--	3722.91	--
MW-21	12/1/15	3787.85	65.15	--	--	3722.70	--
MW-21	2/9/16	3787.85	65.30	--	--	3722.55	68.95
MW-21	5/24/16	3787.85	65.49	--	--	3722.36	--
MW-21	8/30/16	3787.85	65.73	--	--	3722.12	--
MW-21	8/31/16	3787.85	--	--	--	--	--
MW-21	11/1/16	3787.85	65.80	--	--	3722.05	--
MW-21	11/4/16	3787.85	--	--	--	--	--
MW-21	2/28/17	3787.85	66.02	--	--	3721.83	68.34
MW-21	3/2/17	3787.85	--	--	--	--	--
MW-21	5/30/17	3787.85	66.20	--	--	3721.65	68.64
MW-21	5/31/17	3787.85	--	--	--	--	--
MW-21	8/30/17	3790.26	66.36	--	--	3723.90	68.37
MW-21	11/28/17	3790.26	66.51	--	--	3723.75	68.36
MW-21	12/1/17	3790.26	--	--	--	--	--
MW-21	2/27/18	3790.26	66.70	--	--	3723.56	68.4
MW-21	4/24/18	3790.26	66.78	--	--	3723.48	68.45
MW-21	5/29/18	3790.26	66.87	--	--	3723.39	--
MW-21	8/29/18	3790.26	67.00	--	--	3723.26	68.48
MW-21	11/27/18	3790.26	67.30	--	--	3722.96	--
MW-21	2/25/19	3790.26	67.38	--	--	3722.88	--
MW-21	2/26/19	3790.26	--	--	--	--	--
MW-21	5/20/19	3790.26	67.61	--	--	3722.65	--
MW-21	5/22/19	3790.26	--	--	--	--	--
MW-21	7/23/19	3790.26	67.63	--	--	3722.63	--
MW-21	7/24/19	3790.26	--	--	--	--	--
MW-21	10/21/19	3790.26	67.87	--	--	3722.39	68.4
MW-21	10/24/19	3790.26	--	--	--	--	--
MW-22	2/28/17	3788.97	65.17	--	--	3723.80	84.84
MW-22	3/2/17	3788.97	--	--	--	--	--
MW-22	5/30/17	3788.97	65.36	--	--	3723.61	84.81
MW-22	5/31/17	3788.97	--	--	--	--	--
MW-22	8/30/17	3788.97	65.53	--	--	3723.44	84.5
MW-22	8/30/17	3788.97	--	--	--	--	--
MW-22	11/28/17	3788.97	65.68	--	--	3723.29	84.36
MW-22	12/1/17	3788.97	--	--	--	--	--
MW-22	2/27/18	3788.97	65.90	--	--	3723.07	84.56
MW-22	5/29/18	3788.97	66.04	--	--	3722.93	84.51
MW-22	8/29/18	3788.97	66.17	--	--	3722.80	84.56
MW-22	11/27/18	3788.97	66.38	--	--	3722.59	--
MW-22	2/25/19	3788.97	66.53	--	--	3722.44	--
MW-22	2/26/19	3788.97	--	--	--	--	--
MW-22	5/20/19	3788.97	66.70	--	--	3722.27	--
MW-22	5/22/19	3788.97	--	--	--	--	--
MW-22	7/23/19	3788.97	66.79	--	--	3722.18	--
MW-22	7/24/19	3788.97	--	--	--	--	--
MW-22	10/21/19	3788.97	67.02	--	--	3721.95	84.56
MW-22	10/24/19	3788.97	--	--	--	--	--
MW-23	2/28/17	3790.93	66.05	--	--	3724.88	83.75

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
MW-23	3/2/17	3790.93	--	--	--	--	--
MW-23	5/2/17	3790.93	--	--	--	--	--
MW-23	5/30/17	3790.93	66.75	66.10	0.65	3724.71	--
MW-23	6/14/17	3790.93	--	--	--	--	--
MW-23	7/6/17	3790.93	--	--	--	--	--
MW-23	8/30/17	3790.93	68.37	66.05	2.32	3724.44	--
MW-23	9/12/17	3790.93	--	--	--	--	--
MW-23	10/12/17	3790.93	--	--	--	--	--
MW-23	10/18/17	3790.93	--	--	--	--	--
MW-23	10/24/17	3790.93	--	--	--	--	--
MW-23	11/14/17	3790.93	--	--	--	--	--
MW-23	11/28/17	3790.93	67.84	66.28	1.56	3724.35	--
MW-23	12/5/17	3790.93	--	--	--	--	--
MW-23	12/20/17	3790.93	--	--	--	--	--
MW-23	2/27/18	3790.93	67.90	66.52	1.38	3724.15	83.82
MW-23	5/29/18	3790.93	66.84	66.62	0.22	3724.27	--
MW-23	8/29/18	3790.93	68.37	66.80	1.57	3723.83	--
MW-23	10/3/18	3790.93	--	--	--	--	--
MW-23	11/27/18	3790.93	69.70	66.77	2.93	3723.60	--
MW-23	2/25/19	3790.93	70.98	66.53	4.45	3723.55	--
MW-23	4/30/19	3790.93	72.64	66.52	6.12	3723.25	--
MW-23	5/20/19	3790.93	69.30	67.40	1.90	3723.17	--
MW-23	6/11/19	3790.93	--	--	--	--	--
MW-23	6/18/19	3790.93	--	--	--	--	--
MW-23	6/25/19	3790.93	--	--	--	--	--
MW-23	7/2/19	3790.93	--	--	--	--	--
MW-23	7/8/19	3790.93	--	--	--	--	--
MW-23	7/23/19	3790.93	69.31	67.50	1.81	3723.09	--
MW-23	8/6/19	3790.93	--	--	--	--	--
MW-23	8/13/19	3790.93	--	--	--	--	--
MW-23	8/20/19	3790.93	--	--	--	--	--
MW-23	8/28/19	3790.93	--	--	--	--	--
MW-23	9/10/19	3790.93	--	--	--	--	--
MW-23	9/25/19	3790.93	--	--	--	--	--
MW-23	10/2/19	3790.93	--	--	--	--	--
MW-23	10/21/19	3790.93	69.69	67.61	2.08	3722.92	--
MW-23	11/20/19	3790.93	--	--	--	--	--
MW-23	12/11/19	3790.93	--	--	--	--	--
MW-23	12/18/19	3790.93	--	--	--	--	--
MW-23	12/24/19	3790.93	--	--	--	--	--
RW-1	6/15/11	3788.33	LNAPL	60.67	0.01	--	60.68
RW-1	8/2/11	3788.33	Dry	--	--	--	--
RW-1	9/7/11	3788.33	Dry	--	--	--	60.68
RW-1	11/29/11	3788.33	Dry	--	--	--	--
RW-1	3/5/12	3788.33	Dry	--	--	--	--
RW-1	6/5/12	3788.33	Dry	--	--	--	60.65
RW-1	7/2/12	3788.33	Dry	--	--	--	60.61
RW-1	9/11/12	3788.33	Dry	--	--	--	60.82
RW-1	12/4/12	3788.33	LNAPL	62.72	7.19	--	69.91
RW-1	1/2/13	3788.33	Dry	--	--	--	60.61
RW-1	3/5/13	3788.33	Dry	--	--	--	60.66
RW-1	5/28/13	3788.33	Dry	--	--	--	--
RW-1	6/12/13	3788.33	Dry	--	--	--	60.51
RW-1	8/27/13	3788.33	Dry	--	--	--	60.65
RW-1	11/11/13	3788.33	Dry	--	--	--	60.61
RW-1	2/24/14	3788.33	Dry	--	--	--	60.7
RW-1	5/28/14	3788.33	Dry	--	--	--	60.49
RW-1	9/3/14	3788.33	Dry	--	--	--	60.7
RW-1	11/17/14	3788.33	Dry	--	--	--	60.7
RW-1	3/3/15	3788.33	Dry	--	--	--	59.68
RW-1	6/2/15	3788.33	Dry	--	--	--	--
RW-1	8/10/15	3788.33	Dry	--	--	--	--
RW-1	12/1/15	3788.33	Dry	--	--	--	--
RW-1	2/9/16	3788.33	Dry	--	--	--	60.9
RW-1	5/24/16	3788.33	Dry	--	--	--	60.9
RW-1	8/30/16	3788.33	Dry	--	--	--	--
RW-1	11/1/16	3788.33	Dry	--	--	--	--
RW-1	2/28/17	3788.33	Dry	--	--	--	--
RW-1	5/31/17	3788.33	Dry	--	--	--	59.07
RW-1	8/30/17	3790.75	Dry	--	--	--	59.25
RW-1	11/28/17	3790.75	Dry	--	--	--	59.24
RW-1	2/27/18	3790.75	Dry	--	--	--	60.64
RW-1	5/29/18	3790.75	Dry	--	--	--	60.65
RW-1	8/29/18	3790.75	Dry	--	--	--	60.64
RW-1	11/27/18	3790.75	Dry	--	--	--	--
RW-1	2/25/19	3790.75	Dry	--	--	--	--
RW-1	5/20/19	3790.75	Dry	--	--	--	--
RW-1	7/23/19	3790.75	Dry	--	--	--	--
RW-1	10/21/19	3790.75	Dry	--	--	--	60.63
RW-2	6/15/11	3788.98	66.75	61.69	5.06	3726.33	67.45
RW-2	9/7/11	3788.98	LNAPL	61.54	5.56	--	67.1
RW-2	11/29/11	3788.98	67.02	61.70	5.32	3726.27	69.98
RW-2	3/5/12	3788.98	67.86	61.85	6.01	3725.99	69.97
RW-2	6/5/12	3788.98	67.03	62.00	5.03	3726.02	--
RW-2	6/19/12	3788.98	67.50	62.20	5.30	3725.77	--
RW-2	6/20/12	3788.98	--	--	--	--	--
RW-2	6/26/12	3788.98	67.11	62.03	5.08	3725.98	--
RW-2	9/11/12	3788.98	LNAPL	62.40	4.00	--	67
RW-2	12/4/12	3788.98	69.91	67.03	2.88	3721.40	--
RW-2	3/5/13	3788.98	67.01	62.40	4.61	3725.70	--
RW-2	5/28/13	3788.98	LNAPL	62.51	4.60	--	67.11
RW-2	8/27/13	3788.98	LNAPL	62.73	4.31	--	67.04
RW-2	10/15/13	3788.98	68.16	65.06	3.10	3723.33	--
RW-2	10/29/13	3788.98	--	--	--	--	--
RW-2	11/11/13	3788.98	68.45	65.08	3.37	3723.26	--
RW-2	12/3/13	3788.98	65.00	64.86	0.14	3724.09	--
RW-2	12/10/13	3788.98	66.58	63.16	3.42	3725.17	--
RW-2	2/24/14	3788.98	LNAPL	63.22	3.56	--	66.78
RW-2	4/22/14	3788.98	LNAPL	63.32	3.47	--	--
RW-2	5/6/14	3788.98	65.73	64.16	1.57	3724.52	--
RW-2	5/28/14	3788.98	66.10	63.29	2.81	3725.16	--
RW-2	8/19/14	3788.98	LNAPL	63.60	2.51	--	--
RW-2	9/3/14	3788.98	66.19	63.70	2.49	3724.81	--
RW-2	9/9/14	3788.98	65.40	64.57	0.83	3724.25	--
RW-2	11/17/14	3788.98	LNAPL	63.70	3.08	--	--
RW-2	3/3/15	3788.98	LNAPL	63.84	2.11	--	65.95
RW-2	6/2/15	3788.98	LNAPL	64.00	7.20	--	71.2
RW-2	8/11/15	3788.98	65.99	64.19	1.80	3724.45	
RW-2	12/1/15	3788.98	LNAPL	64.40	1.55	--	65.95
RW-2	2/9/16	3788.98	66.33	64.95	1.38	3723.77	--
RW-2	5/24/16	3788.98	66.14	64.84	1.30	3723.89	--
RW-2	8/16/16	3788.98	--	--	--	--	--
RW-2	8/30/16	3788.98	66.38	65.34	1.04	3723.44	--
RW-2	11/1/16	3788.98	LNAPL	65.14	0.95	--	66.09
RW-2	1/18/17	3788.98	--	--	--	--	--
RW-2	2/28/17	3788.98	66.13	65.65	0.48	3723.24	--
RW-2	4/3/17	3788.98	--	--	--	--	--
RW-2	5/10/17	3788.98	--	--	--	--	--
RW-2	5/30/17	3788.98	LNAPL	65.77	0.85	--	66.62
RW-2	6/6/17	3788.98	--	--	--	--	--
RW-2	7/6/17	3791.66	--	--	--	--	--
RW-2	7/14/17	3791.66	--	--	--	--	--
RW-2	7/26/17	3791.66	--	--	--	--	--
RW-2	8/10/17	3791.66	--	--	--	--	--
RW-2	8/30/17	3791.66	Dry	--	--	--	66.15
RW-2	10/18/17	3791.66	--	--	--	--	--
RW-2	11/30/17	3791.66	Dry	--	--	--	66.23
RW-2	2/27/18	3791.66	Dry	--	--	--	66.33
RW-2	5/29/18	3791.66	Dry	--	--	--	--
RW-2	8/29/18	3791.66	Dry	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-2	11/27/18	3791.66	Dry	--	--	--	66.42
RW-2	2/25/19	3791.66	Dry	--	--	--	--
RW-2	5/20/19	3791.66	Dry	--	--	--	--
RW-2	7/23/19	3791.66	Dry	--	--	--	--
RW-2	10/21/19	3791.66	Dry	--	--	--	66.35
RW-3	6/15/11	3788.95	LNAPL	61.04	6.78	--	67.82
RW-3	7/28/11	3788.95	67.86	61.16	6.70	3726.52	67.86
RW-3	8/2/11	3788.95	63.97	62.51	1.46	3726.16	--
RW-3	8/4/11	3788.95	64.25	62.45	1.80	3726.16	--
RW-3	8/10/11	3788.95	65.22	62.24	2.98	3726.14	--
RW-3	8/18/11	3788.95	62.49	62.45	0.04	3726.49	--
RW-3	8/23/11	3788.95	65.30	62.25	3.05	3726.12	--
RW-3	9/7/11	3788.95	67.26	61.82	5.44	3726.10	67.9
RW-3	9/21/11	3788.95	64.13	62.54	1.59	3726.11	--
RW-3	9/27/11	3788.95	65.13	62.40	2.73	3726.03	--
RW-3	10/5/11	3788.95	64.92	62.42	2.50	3726.06	--
RW-3	10/12/11	3788.95	64.37	62.56	1.81	3726.05	--
RW-3	10/19/11	3788.95	64.20	62.56	1.64	3726.08	--
RW-3	10/25/11	3788.95	64.09	62.66	1.43	3726.02	--
RW-3	11/2/11	3788.95	64.31	62.62	1.69	3726.01	--
RW-3	11/8/11	3788.95	64.38	62.65	1.73	3725.97	--
RW-3	11/16/11	3788.95	64.57	62.57	2.00	3726.00	--
RW-3	11/22/11	3788.95	64.11	62.66	1.45	3726.01	--
RW-3	11/29/11	3788.95	65.04	62.05	2.99	3726.33	--
RW-3	1/3/12	3788.95	67.61	61.48	6.13	3726.31	--
RW-3	1/10/12	3788.95	65.84	62.43	3.41	3725.87	--
RW-3	1/11/12	3788.95	64.82	62.62	2.20	3725.91	--
RW-3	1/24/12	3788.95	64.88	62.68	2.20	3725.85	--
RW-3	1/24/12	3788.95	63.65	62.90	0.75	3725.91	--
RW-3	1/31/12	3788.95	64.51	62.75	1.76	3725.87	--
RW-3	2/1/12	3788.95	63.80	62.87	0.93	3725.90	--
RW-3	2/7/12	3788.95	64.41	62.75	1.66	3725.88	--
RW-3	2/8/12	3788.95	63.84	62.87	0.97	3725.90	--
RW-3	2/14/12	3788.95	64.60	62.72	1.88	3725.87	--
RW-3	2/15/12	3788.95	64.33	62.78	1.55	3725.88	--
RW-3	2/21/12	3788.95	65.10	62.63	2.47	3725.85	--
RW-3	3/5/12	3788.95	65.38	62.58	2.80	3725.84	67.88
RW-3	3/13/12	3788.95	66.21	62.41	3.80	3725.82	--
RW-3	3/14/12	3788.95	63.92	62.92	1.00	3725.84	--
RW-3	3/19/12	3788.95	64.13	62.86	1.27	3725.85	--
RW-3	3/20/12	3788.95	63.58	62.98	0.60	3725.86	--
RW-3	3/27/12	3788.95	64.40	62.87	1.53	3725.79	--
RW-3	3/28/12	3788.95	63.55	63.05	0.50	3725.81	--
RW-3	4/3/12	3788.95	64.18	62.92	1.26	3725.79	--
RW-3	4/11/12	3788.95	64.66	62.79	1.87	3725.80	67.9
RW-3	4/18/12	3788.95	65.11	62.70	2.41	3725.79	--
RW-3	4/24/12	3788.95	64.55	62.80	1.75	3725.82	--
RW-3	4/25/12	3788.95	64.21	62.95	1.26	3725.76	--
RW-3	5/1/12	3788.95	64.85	62.79	2.06	3725.77	--
RW-3	5/9/12	3788.95	64.71	62.85	1.86	3725.75	--
RW-3	5/16/12	3788.95	65.33	61.78	3.55	3726.50	--
RW-3	5/17/12	3788.95	63.94	63.03	0.91	3725.75	--
RW-3	5/24/12	3788.95	64.65	62.89	1.76	3725.73	--
RW-3	6/5/12	3788.95	64.31	63.08	1.23	3725.64	--
RW-3	6/19/12	3788.95	65.58	62.73	2.85	3725.68	--
RW-3	6/20/12	3788.95	64.48	63.01	1.47	3725.66	--
RW-3	6/26/12	3788.95	64.67	62.95	1.72	3725.67	--
RW-3	6/27/12	3788.95	64.14	63.11	1.03	3725.64	--
RW-3	7/2/12	3788.95	64.60	62.98	1.62	3725.66	--
RW-3	7/11/12	3788.95	64.81	62.99	1.82	3725.61	--
RW-3	7/18/12	3788.95	--	--	--	--	--
RW-3	7/24/12	3788.95	65.90	62.73	3.17	3725.62	--
RW-3	7/25/12	3788.95	64.65	63.00	1.65	3725.64	--
RW-3	8/1/12	3788.95	--	--	--	--	--
RW-3	8/8/12	3788.95	65.34	62.86	2.48	3725.62	--
RW-3	8/15/12	3788.95	65.33	62.86	2.47	3725.62	--
RW-3	8/21/12	3788.95	66.37	62.70	3.67	3725.55	--
RW-3	8/28/12	3788.95	--	--	--	--	--
RW-3	9/1/12	3788.95	--	--	--	--	--
RW-3	9/11/12	3788.95	66.45	62.77	3.68	3725.48	68.9
RW-3	10/10/12	3788.95	67.60	62.10	5.50	3725.81	--
RW-3	10/16/12	3788.95	66.93	62.71	4.22	3725.44	--
RW-3	10/24/12	3788.95	LNAPL	62.25	5.10	--	67.35
RW-3	10/31/12	3788.95	LNAPL	62.23	5.62	--	67.85
RW-3	11/7/12	3788.95	66.83	62.81	4.02	3725.38	67.51
RW-3	11/28/12	3788.95	67.58	62.45	5.13	3725.53	--
RW-3	12/4/12	3788.95	66.51	62.48	4.03	3725.70	--
RW-3	1/2/13	3788.95	67.60	62.20	5.40	3725.72	67.51
RW-3	1/16/13	3788.95	62.91	62.32	0.59	3726.52	67.86
RW-3	1/23/13	3788.95	LNAPL	62.62	5.23	--	67.85
RW-3	2/27/13	3788.95	67.52	62.15	5.37	3725.78	--
RW-3	2/27/13	3788.95	67.53	62.84	4.69	3725.22	--
RW-3	3/5/13	3788.95	66.92	62.99	3.93	3725.21	--
RW-3	3/13/13	3788.95	67.60	62.60	5.00	3725.40	--
RW-3	3/19/13	3788.95	67.58	62.29	5.29	3725.65	--
RW-3	3/26/13	3788.95	67.59	62.20	5.39	3725.73	--
RW-3	5/28/13	3788.95	67.56	62.35	5.21	3725.61	--
RW-3	6/12/13	3788.95	67.51	62.36	5.15	3725.61	--
RW-3	6/18/13	3788.95	67.56	62.67	4.89	3725.35	--
RW-3	6/25/13	3788.95	67.58	62.65	4.93	3725.36	--
RW-3	7/2/13	3788.95	66.21	63.37	2.84	3725.04	--
RW-3	7/16/13	3788.95	67.55	62.50	5.05	3725.49	--
RW-3	7/23/13	3788.95	67.06	63.23	3.83	3724.99	--
RW-3	7/30/13	3788.95	67.40	63.11	4.29	3725.02	--
RW-3	8/27/13	3788.95	67.56	62.55	5.01	3725.45	--
RW-3	9/10/13	3788.95	67.56	62.58	4.98	3725.42	--
RW-3	9/17/13	3788.95	68.31	62.47	5.84	3725.37	--
RW-3	9/24/13	3788.95	67.58	62.58	5.00	3725.42	--
RW-3	10/1/13	3788.95	66.32	63.51	2.81	3724.91	--
RW-3	10/9/13	3788.95	66.87	63.47	3.40	3724.83	69.2
RW-3	10/22/13	3788.95	67.58	62.69	4.89	3725.33	--
RW-3	10/29/13	3788.95	67.58	62.69	4.89	3725.33	69.9
RW-3	11/11/13	3788.95	67.56	62.70	4.86	3725.33	--
RW-3	11/19/13	3788.95	67.60	62.73	4.87	3725.29	--
RW-3	11/25/13	3788.95	66.74	63.60	3.14	3724.75	--
RW-3	12/17/13	3788.95	67.51	62.76	4.75	3725.29	--
RW-3	12/23/13	3788.95	66.27	63.73	2.54	3724.74	--
RW-3	12/30/13	3788.95	67.53	63.30	4.23	3724.85	--
RW-3	1/22/14	3788.95	67.56	62.89	4.67	3725.17	--
RW-3	1/28/14	3788.95	66.10	63.85	2.25	3724.67	--
RW-3	2/18/14	3788.95	LNAPL	63.10	4.85	--	67.95
RW-3	2/24/14	3788.95	67.58	63.55	4.03	3724.63	--
RW-3	5/28/14	3788.95	67.55	63.16	4.39	3724.96	68.9
RW-3	9/3/14	3788.95	67.55	63.37	4.18	3724.79	--
RW-3	11/17/14	3788.95	67.62	63.57	4.05	3724.61	--
RW-3	3/3/15	3788.95	67.33	64.49	2.84	3723.92	--
RW-3	6/2/15	3788.95	LNAPL	63.95	4.00	--	67.95
RW-3	8/11/15	3788.95	67.53	64.65	2.88	3723.75	--
RW-3	12/1/15	3788.95	67.60	64.27	3.33	3724.05	--
RW-3	2/9/16	3788.95	66.92	65.32	1.60	3723.33	--
RW-3	5/24/16	3788.95	67.55	64.59	2.96	3723.80	--
RW-3	6/15/16	3788.95	--	--	--	--	--
RW-3	6/29/16	3788.95	--	--	--	--	--
RW-3	7/6/16	3788.95	--	--	--	--	--
RW-3	8/3/16	3788.95	--	--	--	--	--
RW-3	8/30/16	3788.95	67.32	64.74	2.58	3723.72	--
RW-3	9/21/16	3788.95	--	--	--	--	--
RW-3	10/5/16	3788.95	--	--	--	--	--
RW-3	10/12/16	3788.95	--	--	--	--	--
RW-3	11/1/16	3788.95	67.43	64.89	2.54	3723.58	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-3	1/18/17	3788.95	--	--	--	--	--
RW-3	2/28/17	3788.95	67.87	65.27	2.60	3723.19	--
RW-3	4/3/17	3788.95	--	--	--	--	--
RW-3	5/10/17	3788.95	--	--	--	--	--
RW-3	5/30/17	3788.95	67.58	65.33	2.25	3723.19	--
RW-3	6/6/17	3788.95	--	--	--	--	--
RW-3	6/14/17	3788.95	--	--	--	--	--
RW-3	7/6/17	3791.34	--	--	--	--	--
RW-3	7/14/17	3791.34	--	--	--	--	--
RW-3	7/26/17	3791.34	--	--	--	--	--
RW-3	8/1/17	3791.34	--	--	--	--	--
RW-3	8/10/17	3791.34	--	--	--	--	--
RW-3	8/30/17	3791.34	67.50	65.75	1.75	3725.26	--
RW-3	9/12/17	3791.34	--	--	--	--	--
RW-3	10/12/17	3791.34	--	--	--	--	--
RW-3	10/18/17	3791.34	--	--	--	--	--
RW-3	10/24/17	3791.34	--	--	--	--	--
RW-3	11/14/17	3791.34	--	--	--	--	--
RW-3	11/22/17	3791.34	--	--	--	--	--
RW-3	11/22/17	3791.34	--	--	--	--	--
RW-3	11/30/17	3791.34	67.64	66.39	1.25	3724.71	--
RW-3	12/5/17	3791.34	--	--	--	--	--
RW-3	12/12/17	3791.34	--	--	--	--	--
RW-3	12/20/17	3791.34	--	--	--	--	--
RW-3	2/27/18	3791.34	67.72	66.80	0.92	3724.37	68.13
RW-3	5/29/18	3791.34	LNAPL	66.39	1.69	--	68.08
RW-3	8/29/18	3791.34	LNAPL	66.35	1.87	--	68.22
RW-3	10/3/18	3791.34	--	--	--	--	--
RW-3	11/27/18	3791.34	67.73	66.28	1.45	3724.78	--
RW-3	2/25/19	3791.34	67.66	66.48	1.18	3724.64	--
RW-3	4/30/19	3791.34	67.58	66.57	1.01	3724.58	--
RW-3	5/20/19	3791.34	67.80	66.65	1.15	3724.47	--
RW-3	6/11/19	3791.34	--	--	--	--	--
RW-3	6/18/19	3791.34	--	--	--	--	--
RW-3	6/25/19	3791.34	--	--	--	--	--
RW-3	7/2/19	3791.34	--	--	--	--	--
RW-3	7/8/19	3791.34	--	--	--	--	--
RW-3	7/23/19	3791.34	LNAPL	63.77	4.13	--	--
RW-3	8/6/19	3791.34	--	--	--	--	--
RW-3	8/20/19	3791.34	--	--	--	--	--
RW-3	8/28/19	3791.34	--	--	--	--	--
RW-3	10/21/19	3791.34	LNAPL	66.96	1.17	--	68.15
RW-3	12/11/19	3791.34	--	--	--	--	--
RW-3	12/18/19	3791.34	--	--	--	--	--
RW-3	12/24/19	3791.34	--	--	--	--	--
RW-4	5/17/10	3788.15	--	--	--	--	--
RW-4	6/15/11	3788.15	LNAPL	61.00	6.31	--	67.31
RW-4	9/7/11	3788.15	LNAPL	60.97	6.43	--	67.4
RW-4	11/29/11	3788.15	LNAPL	61.11	7.83	--	68.97
RW-4	3/5/12	3788.15	LNAPL	61.20	6.25	--	67.45
RW-4	6/5/12	3788.15	LNAPL	61.72	6.03	--	67.75
RW-4	6/16/12	3788.15	LNAPL	61.44	6.50	--	67.94
RW-4	6/19/12	3788.15	LNAPL	61.32	6.38	--	--
RW-4	6/20/12	3788.15	--	--	--	--	--
RW-4	9/11/12	3788.15	LNAPL	61.64	6.51	--	68.15
RW-4	12/4/12	3788.15	69.18	63.41	5.77	3723.64	--
RW-4	3/5/13	3788.15	LNAPL	63.60	5.58	--	69.18
RW-4	6/4/13	3788.15	LNAPL	64.06	5.09	--	69.15
RW-4	8/27/13	3788.15	LNAPL	62.72	5.68	--	68.4
RW-4	9/24/13	3788.15	--	--	--	--	--
RW-4	10/29/13	3788.15	LNAPL	62.86	5.55	--	68.41
RW-4	11/11/13	3788.15	LNAPL	62.88	5.51	--	68.39
RW-4	11/19/13	3788.15	LNAPL	62.90	5.50	--	68.40
RW-4	12/10/13	3788.15	68.38	62.96	5.42	3724.16	--
RW-4	12/11/13	3788.15	65.19	63.94	1.25	3723.97	--
RW-4	12/17/13	3788.15	68.19	63.42	4.77	3723.82	--
RW-4	12/23/13	3788.15	--	--	--	--	--
RW-4	12/30/13	3788.15	65.24	63.86	1.38	3724.03	--
RW-4	1/22/14	3788.15	LNAPL	62.84	5.71	--	68.55
RW-4	2/24/14	3788.15	LNAPL	62.88	5.67	--	--
RW-4	4/8/14	3788.15	LNAPL	62.97	5.54	--	--
RW-4	4/22/14	3788.15	64.74	64.15	0.59	3723.89	--
RW-4	5/21/14	3788.15	LNAPL	63.08	6.42	--	69.5
RW-4	6/11/14	3788.15	65.06	64.40	0.66	3723.62	68.55
RW-4	8/5/14	3788.15	LNAPL	63.22	5.33	--	--
RW-4	8/19/14	3788.15	65.03	64.35	0.68	3723.67	--
RW-4	9/3/14	3788.15	LNAPL	63.39	5.16	--	--
RW-4	11/17/14	3788.15	LNAPL	63.45	5.10	--	--
RW-4	3/3/15	3788.15	LNAPL	63.48	5.14	--	68.62
RW-4	6/2/15	3788.15	LNAPL	63.80	6.22	--	70.02
RW-4	8/11/15	3788.15	LNAPL	63.80	4.79	--	68.59
RW-4	12/1/15	3788.15	LNAPL	64.00	4.59	--	68.59
RW-4	2/9/16	3788.15	LNAPL	64.54	4.51	--	69.05
RW-4	5/24/16	3788.15	LNAPL	64.53	4.52	--	--
RW-4	8/30/16	3788.15	LNAPL	65.39	3.66	--	--
RW-4	11/1/16	3788.15	68.78	64.87	3.91	3722.54	--
RW-4	11/23/16	3788.15	--	--	--	--	--
RW-4	11/30/16	3788.15	--	--	--	--	--
RW-4	1/5/17	3788.15	--	--	--	--	--
RW-4	1/18/17	3788.15	--	--	--	--	--
RW-4	2/15/17	3788.15	--	--	--	--	--
RW-4	2/28/17	3788.15	LNAPL	65.13	3.60	--	68.73
RW-4	4/3/17	3788.15	--	--	--	--	--
RW-4	5/31/17	3788.15	LNAPL	65.43	3.44	--	68.87
RW-4	7/6/17	3790.76	--	--	--	--	--
RW-4	7/26/17	3790.76	--	--	--	--	--
RW-4	8/1/17	3790.76	--	--	--	--	--
RW-4	8/10/17	3790.76	--	--	--	--	--
RW-4	8/30/17	3790.76	LNAPL	65.54	3.16	--	68.7
RW-4	9/6/17	3790.76	--	--	--	--	--
RW-4	9/12/17	3790.76	--	--	--	--	--
RW-4	9/20/17	3790.76	--	--	--	--	--
RW-4	10/12/17	3790.76	--	--	--	--	--
RW-4	10/18/17	3790.76	--	--	--	--	--
RW-4	10/24/17	3790.76	--	--	--	--	--
RW-4	11/14/17	3790.76	--	--	--	--	--
RW-4	11/22/17	3790.76	--	--	--	--	--
RW-4	11/30/17	3790.76	LNAPL	65.90	2.88	--	68.78
RW-4	12/5/17	3790.76	--	--	--	--	--
RW-4	12/12/17	3790.76	--	--	--	--	--
RW-4	12/20/17	3790.76	--	--	--	--	--
RW-4	2/27/18	3790.76	68.70	66.50	2.20	3723.84	68.94
RW-4	5/29/18	3790.76	67.83	66.27	1.56	3724.19	--
RW-4	8/29/18	3790.76	LNAPL	66.19	2.75	--	--
RW-4	11/27/18	3790.76	LNAPL	66.25	2.67	--	68.92
RW-4	2/25/19	3790.76	69.02	66.44	2.58	--	69.02
RW-4	4/30/19	3790.76	68.98	66.53	2.45	--	68.98
RW-4	5/20/19	3790.76	LNAPL	66.70	2.28	--	--
RW-4	6/11/19	3790.76	--	--	--	--	--
RW-4	6/25/19	3790.76	--	--	--	--	--
RW-4	7/23/19	3790.76	LNAPL	66.80	2.10	--	--
RW-4	8/13/19	3790.76	--	--	--	--	--
RW-4	8/20/19	3790.76	--	--	--	--	--
RW-4	8/28/19	3790.76	--	--	--	--	--
RW-4	10/21/19	3790.76	LNAPL	66.93	2.01	--	68.96
RW-4	12/11/19	3790.76	--	--	--	--	--
RW-4	12/24/19	3790.76	--	--	--	--	--
RW-5	6/15/11	3788.83	--	--	--	--	--
RW-5	9/7/11	3788.83	LNAPL	61.61	3.57	--	65.18
RW-5	10/19/11	3788.83	68.33	61.64	6.69	3725.92	--
RW-5	11/2/11	3788.83	68.45	61.70	6.75	3725.85	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-5	11/8/11	3788.83	68.34	61.69	6.65	3725.88	--
RW-5	11/16/11	3788.83	68.30	61.68	6.62	3725.89	--
RW-5	11/22/11	3788.83	68.29	61.72	6.57	3725.86	--
RW-5	11/29/11	3788.83	LNAPL	61.71	7.83	--	69.57
RW-5	1/3/12	3788.83	67.61	61.48	6.13	3726.19	--
RW-5	1/10/12	3788.83	65.84	62.43	3.41	3725.75	--
RW-5	1/11/12	3788.83	LNAPL	61.76	7.49	--	69.25
RW-5	1/24/12	3788.83	LNAPL	61.83	6.42	--	68.25
RW-5	1/24/12	3788.83	LNAPL	61.97	6.28	--	--
RW-5	1/31/12	3788.83	LNAPL	61.82	6.48	--	68.3
RW-5	2/1/12	3788.83	LNAPL	61.93	6.37	--	68.3
RW-5	2/7/12	3788.83	LNAPL	61.82	6.43	--	68.25
RW-5	2/8/12	3788.83	68.25	61.96	6.29	3725.67	--
RW-5	2/14/12	3788.83	LNAPL	61.82	6.38	--	68.2
RW-5	2/15/12	3788.83	LNAPL	61.93	6.27	--	--
RW-5	2/21/12	3788.83	LNAPL	61.82	6.43	--	68.25
RW-5	3/5/12	3788.83	LNAPL	61.85	6.40	--	--
RW-5	3/13/12	3788.83	LNAPL	61.88	6.33	--	68.21
RW-5	3/14/12	3788.83	68.31	62.00	6.31	3725.63	--
RW-5	3/19/12	3788.83	LNAPL	61.87	6.03	--	67.9
RW-5	3/20/12	3788.83	LNAPL	61.99	5.91	--	--
RW-5	3/27/12	3788.83	LNAPL	61.88	5.64	--	67.52
RW-5	3/28/12	3788.83	67.82	62.03	5.79	3725.70	
RW-5	4/3/12	3788.83	LNAPL	61.92	6.46	--	68.38
RW-5	4/4/12	3788.83	LNAPL	62.03	6.35	--	--
RW-5	4/11/12	3788.83	67.59	61.90	5.69	3725.85	--
RW-5	4/12/12	3788.83	67.59	61.99	5.60	3725.78	--
RW-5	4/18/12	3788.83	LNAPL	61.91	5.61	--	67.52
RW-5	4/19/12	3788.83	LNAPL	62.05	5.45	--	62.5
RW-5	4/24/12	3788.83	LNAPL	61.98	5.65	--	67.63
RW-5	5/1/12	3788.83	LNAPL	61.92	5.93	--	67.85
RW-5	5/9/12	3788.83	LNAPL	61.93	7.17	--	69.1
RW-5	5/16/12	3788.83	LNAPL	61.95	5.70	--	67.65
RW-5	5/17/12	3788.83	LNAPL	62.11	5.54	--	--
RW-5	5/24/12	3788.83	68.50	61.98	6.52	3725.61	--
RW-5	5/25/12	3788.83	LNAPL	62.05	5.58	--	--
RW-5	6/5/12	3788.83	LNAPL	62.00	5.25	--	67.25
RW-5	6/19/12	3788.83	LNAPL	62.01	5.40	--	67.41
RW-5	6/20/12	3788.83	LNAPL	62.10	5.31	--	--
RW-5	6/26/12	3788.83	LNAPL	62.02	5.28	--	67.3
RW-5	6/27/12	3788.83	LNAPL	62.14	5.16	--	--
RW-5	7/2/12	3788.83	LNAPL	62.05	5.26	--	67.31
RW-5	7/11/12	3788.83	LNAPL	62.02	5.18	--	67.2
RW-5	7/18/12	3788.83	--	--	--	--	--
RW-5	7/24/12	3788.83	LNAPL	62.04	5.34	--	67.38
RW-5	7/25/12	3788.83	LNAPL	62.13	5.25	--	--
RW-5	8/1/12	3788.83	--	--	--	--	--
RW-5	8/8/12	3788.83	LNAPL	62.07	5.14	--	67.21
RW-5	8/15/12	3788.83	LNAPL	62.10	5.10	--	67.2
RW-5	8/21/12	3788.83	LNAPL	62.05	5.15	--	--
RW-5	8/28/12	3788.83	--	--	--	--	--
RW-5	9/1/12	3788.83	LNAPL	--	--	--	--
RW-5	9/11/12	3788.83	LNAPL	62.15	5.06	--	67.21
RW-5	10/10/12	3788.83	LNAPL	62.23	5.08	--	67.31
RW-5	10/16/12	3788.83	LNAPL	62.22	5.03	--	67.25
RW-5	10/24/12	3788.83	--	--	--	--	--
RW-5	10/31/12	3788.83	LNAPL	62.28	5.74	--	68.02
RW-5	11/7/12	3788.83	LNAPL	62.25	5.50	--	67.75
RW-5	11/28/12	3788.83	LNAPL	62.30	5.69	--	67.99
RW-5	12/4/12	3788.83	67.98	62.37	5.61	3725.39	--
RW-5	1/2/13	3788.83	--	--	--	--	67.75
RW-5	1/16/13	3788.83	--	--	--	--	--
RW-5	1/23/13	3788.83	--	--	--	--	--
RW-5	2/27/13	3788.83	LNAPL	61.68	6.53	--	68.21
RW-5	2/27/13	3788.83	LNAPL	62.46	5.75	--	--
RW-5	3/5/13	3788.83	LNAPL	62.45	5.52	--	67.97
RW-5	3/13/13	3788.83	67.60	62.60	5.00	3725.28	--
RW-5	3/19/13	3788.83	67.96	62.49	5.47	3725.30	--
RW-5	3/26/13	3788.83	LNAPL	62.46	5.39	--	67.85
RW-5	5/28/13	3788.83	LNAPL	62.60	5.28	--	67.88
RW-5	6/12/13	3788.83	LNAPL	62.62	4.77	--	67.39
RW-5	6/18/13	3788.83	LNAPL	62.63	5.24	--	67.87
RW-5	6/25/13	3788.83	LNAPL	62.65	5.55	--	68.2
RW-5	6/26/13	3788.83	LNAPL	62.74	5.46	--	--
RW-5	7/2/13	3788.83	LNAPL	62.65	5.55	--	--
RW-5	7/16/13	3788.83	LNAPL	62.68	5.52	--	--
RW-5	7/23/13	3788.83	LNAPL	62.70	5.15	--	67.85
RW-5	7/30/13	3788.83	LNAPL	62.74	5.11	--	--
RW-5	8/27/13	3788.83	LNAPL	62.76	5.29	--	68.03
RW-5	9/10/13	3788.83	--	--	--	--	--
RW-5	9/24/13	3788.83	--	--	--	--	--
RW-5	10/1/13	3788.83	--	--	--	--	--
RW-5	10/9/13	3788.83	--	--	--	--	--
RW-5	10/15/13	3788.83	66.82	64.91	1.91	3723.56	--
RW-5	10/22/13	3788.83	--	--	--	--	--
RW-5	10/29/13	3788.83	--	--	--	--	--
RW-5	11/11/13	3788.83	LNAPL	64.34	3.76	--	68.1
RW-5	12/3/13	3788.83	65.01	63.97	1.04	3724.66	--
RW-5	12/10/13	3788.83	LNAPL	62.73	4.05	--	66.78
RW-5	12/17/13	3788.83	LNAPL	62.66	4.51	--	67.17
RW-5	12/23/13	3788.83	LNAPL	62.66	4.51	--	--
RW-5	12/30/13	3788.83	LNAPL	62.67	4.23	--	66.9
RW-5	1/22/14	3788.83	LNAPL	62.79	3.77	--	66.56
RW-5	1/28/14	3788.83	LNAPL	62.75	3.95	--	66.7
RW-5	2/18/14	3788.83	LNAPL	62.78	3.92	--	66.7
RW-5	2/24/14	3788.83	LNAPL	62.78	4.17	--	66.95
RW-5	5/6/14	3788.83	LNAPL	62.87	4.07	--	66.94
RW-5	5/21/14	3788.83	LNAPL	63.47	3.50	--	66.97
RW-5	5/28/14	3788.83	LNAPL	62.99	3.96	--	66.95
RW-5	9/3/14	3788.83	LNAPL	63.10	3.85	--	--
RW-5	9/9/14	3788.83	LNAPL	63.13	3.14	--	66.27
RW-5	11/17/14	3788.83	LNAPL	63.32	3.63	--	66.95
RW-5	3/3/15	3788.83	LNAPL	63.48	3.62	--	67.1
RW-5	6/2/15	3788.83	LNAPL	63.63	6.07	--	69.7
RW-5	8/11/15	3788.83	67.05	63.81	3.24	3724.40	--
RW-5	12/1/15	3788.83	LNAPL	64.20	2.90	--	67.1
RW-5	2/9/16	3788.83	LNAPL	64.31	3.20	--	67.51
RW-5	5/24/16	3788.83	LNAPL	65.40	2.11	--	--
RW-5	8/3/16	3788.83	--	--	--	--	--
RW-5	8/30/16	3788.83	LNAPL	64.78	2.73	--	67.51
RW-5	10/12/16	3788.83	--	--	--	--	--
RW-5	11/1/16	3788.83	67.29	64.86	2.43	3723.51	67.51
RW-5	2/28/17	3788.83	LNAPL	65.13	2.12	--	67.25
RW-5	4/3/17	3788.83	--	--	--	--	--
RW-5	5/30/17	3788.83	LNAPL	66.36	2.12	--	68.48
RW-5	6/6/17	3788.83	--	--	--	--	--
RW-5	7/6/17	3791.45	--	--	--	--	--
RW-5	8/1/17	3791.45	--	--	--	--	--
RW-5	8/30/17	3791.45	LNAPL	65.30	1.74	--	67.04
RW-5	9/6/17	3791.45	--	--	--	--	--
RW-5	9/12/17	3791.45	--	--	--	--	--
RW-5	9/20/17	3791.45	--	--	--	--	--
RW-5	10/12/17	3791.45	--	--	--	--	--
RW-5	10/18/17	3791.45	--	--	--	--	--
RW-5	10/24/17	3791.45	--	--	--	--	--
RW-5	11/14/17	3791.45	--	--	--	--	--
RW-5	11/22/17	3791.45	--	--	--	--	--
RW-5	11/30/17	3791.45	LNAPL	65.45	1.68	--	67.13
RW-5	12/5/17	3791.45	--	--	--	--	--
RW-5	12/20/17	3791.45	--	--	--	--	--
RW-5	2/27/18	3791.45	67.30	65.80	1.50	3725.37	67.28

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-5	5/29/18	3791.45	LNAPL	65.81	1.36	--	67.17
RW-5	8/29/18	3791.45	LNAPL	65.96	1.59	--	67.55
RW-5	11/27/18	3791.45	LNAPL	66.17	0.99	--	67.16
RW-5	1/29/19	3791.45	--	--	--	--	--
RW-5	2/25/19	3791.45	LNAPL	66.33	0.83	--	--
RW-5	4/30/19	3791.45	LNAPL	66.46	0.70	--	67.16
RW-5	5/20/19	3791.45	LNAPL	66.50	0.66	--	--
RW-5	6/11/19	3791.45	--	--	--	--	--
RW-5	7/2/19	3791.45	--	--	--	--	--
RW-5	7/8/19	3791.45	--	--	--	--	--
RW-5	7/23/19	3791.45	LNAPL	66.65	0.51	LNAPL at TD	--
RW-5	8/20/19	3791.45	--	--	--	--	--
RW-5	8/28/19	3791.45	--	--	--	--	--
RW-5	10/21/19	3791.45	LNAPL	66.86	0.42	LNAPL at TD	67.29
RW-5	12/18/19	3791.45	--	--	--	--	--
RW-5	12/24/19	3791.45	--	--	--	--	--
RW-6	6/15/11	3788.93	67.38	61.11	6.27	3726.63	67.55
RW-6	9/7/11	3788.93	LNAPL	61.22	6.33	--	67.55
RW-6	11/29/11	3788.93	67.58	61.39	6.19	3726.36	--
RW-6	3/5/12	3788.93	LNAPL	61.48	6.12	--	67.6
RW-6	4/18/12	3788.93	--	--	--	--	--
RW-6	4/24/12	3788.93	--	--	--	--	--
RW-6	4/25/12	3788.93	--	--	--	--	--
RW-6	6/5/12	3788.93	67.33	61.65	5.68	3726.20	--
RW-6	6/19/12	3788.93	67.41	61.63	5.78	3726.20	--
RW-6	6/20/12	3788.93	--	--	--	--	--
RW-6	6/26/12	3788.93	67.41	61.66	5.75	3726.18	--
RW-6	9/11/12	3788.93	LNAPL	61.91	5.50	--	67.41
RW-6	12/4/12	3788.93	69.00	68.03	0.97	3720.72	--
RW-6	3/5/13	3788.93	LNAPL	64.36	3.89	--	68.25
RW-6	6/4/13	3788.93	LNAPL	64.45	3.74	--	68.19
RW-6	8/27/13	3788.93	LNAPL	62.97	4.33	--	67.3
RW-6	9/24/13	3788.93	--	--	--	--	--
RW-6	10/9/13	3788.93	LNAPL	63.08	4.22	--	67.3
RW-6	10/29/13	3788.93	LNAPL	63.12	4.20	--	67.32
RW-6	11/11/13	3788.93	LNAPL	63.16	4.14	--	67.3
RW-6	11/19/13	3788.93	LNAPL	63.18	4.17	--	67.35
RW-6	11/25/13	3788.93	LNAPL	63.20	4.12	--	67.32
RW-6	12/3/13	3788.93	LNAPL	63.22	3.99	--	67.21
RW-6	12/17/13	3788.93	LNAPL	63.23	4.17	--	67.4
RW-6	12/23/13	3788.93	--	--	--	--	--
RW-6	12/30/13	3788.93	65.73	64.16	1.57	3724.47	--
RW-6	1/22/14	3788.93	67.20	63.13	4.07	3725.03	--
RW-6	1/28/14	3788.93	LNAPL	63.13	4.11	--	67.24
RW-6	2/18/14	3788.93	LNAPL	63.15	4.05	--	67.2
RW-6	2/24/14	3788.93	LNAPL	63.00	4.04	--	67.04
RW-6	4/8/14	3788.93	67.21	63.28	3.93	3724.90	67.23
RW-6	4/22/14	3788.93	65.04	64.52	0.52	3724.31	--
RW-6	5/21/14	3788.93	LNAPL	63.40	3.86	--	67.26
RW-6	5/28/14	3788.93	65.48	64.79	0.69	3724.01	67.04
RW-6	6/11/14	3788.93	LNAPL	64.46	2.79	--	67.25
RW-6	8/5/14	3788.93	LNAPL	63.54	3.68	--	67.22
RW-6	8/19/14	3788.93	65.48	64.79	0.69	3724.01	--
RW-6	9/3/14	3788.93	LNAPL	63.62	3.42	--	67.04
RW-6	11/17/14	3788.93	LNAPL	63.78	3.26	--	67.04
RW-6	3/3/15	3788.93	LNAPL	63.80	3.42	--	67.22
RW-6	6/2/15	3788.93	LNAPL	63.90	3.32	--	--
RW-6	8/11/15	3788.93	LNAPL	64.09	3.13	--	--
RW-6	12/1/15	3788.93	LNAPL	64.64	2.76	--	--
RW-6	2/9/16	3788.93	LNAPL	64.41	2.90	--	67.31
RW-6	5/24/16	3788.93	67.24	64.61	2.63	3723.82	67.73
RW-6	8/3/16	3788.93	--	--	--	--	--
RW-6	8/30/16	3788.93	67.28	64.83	2.45	3723.63	67.31
RW-6	10/12/16	3788.93	--	--	--	--	--
RW-6	11/1/16	3788.93	67.26	64.90	2.36	3723.58	--
RW-6	2/28/17	3788.93	67.19	65.14	2.05	3723.40	--
RW-6	4/3/17	3788.93	--	--	--	--	--
RW-6	5/10/17	3788.93	--	--	--	--	--
RW-6	5/30/17	3788.93	67.22	65.30	1.92	3723.27	--
RW-6	6/6/17	3788.93	--	--	--	--	--
RW-6	7/6/17	3791.39	--	--	--	--	--
RW-6	7/14/17	3791.39	--	--	--	--	--
RW-6	7/26/17	3791.39	--	--	--	--	--
RW-6	8/1/17	3791.39	--	--	--	--	--
RW-6	8/10/17	3791.39	--	--	--	--	--
RW-6	8/30/17	3791.39	LNAPL	65.48	1.89	--	67.37
RW-6	9/6/17	3791.39	--	--	--	--	--
RW-6	9/12/17	3791.39	--	--	--	--	--
RW-6	10/12/17	3791.39	--	--	--	--	--
RW-6	10/18/17	3791.39	--	--	--	--	--
RW-6	10/24/17	3791.39	--	--	--	--	--
RW-6	11/14/17	3791.39	--	--	--	--	--
RW-6	11/22/17	3791.39	--	--	--	--	--
RW-6	11/30/17	3791.39	LNAPL	65.65	1.80	--	67.45
RW-6	12/5/17	3791.39	--	--	--	--	--
RW-6	12/12/17	3791.39	--	--	--	--	--
RW-6	12/20/17	3791.39	--	--	--	--	--
RW-6	2/27/18	3791.39	67.40	65.90	1.50	3725.21	68.54
RW-6	5/29/18	3791.39	67.03	65.07	1.96	3725.95	--
RW-6	8/29/18	3791.39	67.48	65.07	1.35	3725.00	--
RW-6	10/3/18	3791.39	--	--	--	--	--
RW-6	11/27/18	3791.39	67.47	66.30	1.17	3724.87	--
RW-6	1/29/19	3791.39	--	--	--	--	--
RW-6	2/25/19	3791.39	67.54	66.48	1.06	3724.71	67.45
RW-6	4/30/19	3791.39	--	--	--	--	--
RW-6	5/20/19	3791.39	LNAPL	66.70	0.75	--	67.45
RW-6	6/11/19	3791.39	--	--	--	--	--
RW-6	6/25/19	3791.39	--	--	--	--	--
RW-6	7/8/19	3791.39	--	--	--	--	--
RW-6	7/23/19	3791.39	LNAPL	66.84	0.61	--	--
RW-6	8/21/19	3791.39	--	--	--	--	--
RW-6	8/28/19	3791.39	--	--	--	--	--
RW-6	10/21/19	3791.39	LNAPL	66.98	1.56	--	68.56
RW-6	12/11/19	3791.39	--	--	--	--	--
RW-6	12/18/19	3791.39	--	--	--	--	--
RW-6	12/24/19	3791.39	--	--	--	--	--
RW-7	6/15/11	3789.07	LNAPL	60.52	7.80	--	68.32
RW-7	9/7/11	3789.07	LNAPL	61.38	6.98	--	68.36
RW-7	11/29/11	3789.07	LNAPL	61.54	8.22	--	69.76
RW-7	3/5/12	3789.07	LNAPL	61.70	8.12	--	69.82
RW-7	4/18/12	3789.07	--	--	--	--	--
RW-7	4/24/12	3789.07	--	--	--	--	--
RW-7	4/25/12	3789.07	--	--	--	--	--
RW-7	6/5/12	3789.07	LNAPL	61.85	6.90	--	69.75
RW-7	6/26/12	3789.07	68.95	62.13	6.82	3725.64	
RW-7	9/11/12	3789.07	69.33	62.21	7.12	3725.51	69.66
RW-7	12/4/12	3789.07	67.70	62.51	5.19	3725.57	--
RW-7	3/5/13	3789.07	69.53	63.54	5.99	3724.39	--
RW-7	5/28/13	3789.07	69.55	62.50	7.05	3725.23	--
RW-7	8/27/13	3789.07	68.78	62.93	5.85	3725.03	--
RW-7	9/24/13	3789.07	--	--	--	--	--
RW-7	10/15/13	3789.07	68.78	62.93	5.85	3725.03	--
RW-7	10/29/13	3789.07	LNAPL	62.97	5.89	--	68.86
RW-7	11/11/13	3789.07	68.78	62.98	5.80	3724.99	
RW-7	11/19/13	3789.07	LNAPL	63.00	5.80	--	68.8
RW-7	11/25/13	3789.07	67.09	63.67	3.42	3724.75	--
RW-7	12/10/13	3789.07	68.91	63.18	5.73	3724.80	--
RW-7	12/11/13	3789.07	65.27	64.08	1.19	3724.76	--
RW-7	12/17/13	3789.07	66.93	63.69	3.24	3724.76	--
RW-7	12/23/13	3789.07	--	--	--	--	--
RW-7	12/30/13	3789.07	65.09	64.22	0.87	3724.68	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-7	1/22/14	3789.07	LNAPL	63.19	5.60	--	68.79
RW-7	2/18/14	3789.07	LNAPL	63.20	5.60	--	68.8
RW-7	2/24/14	3789.07	LNAPL	63.45	5.37	--	68.82
RW-7	4/22/14	3789.07	LNAPL	63.38	5.41	--	68.79
RW-7	5/6/14	3789.07	65.12	64.41	0.71	3724.53	68.82
RW-7	5/28/14	3789.07	LNAPL	63.50	5.32	--	--
RW-7	8/19/14	3789.07	LNAPL	63.64	5.13	--	--
RW-7	9/3/14	3789.07	67.05	64.27	2.78	3724.27	--
RW-7	9/9/14	3789.07	65.14	64.70	0.44	3724.29	--
RW-7	11/17/14	3789.07	LNAPL	63.86	4.96	--	--
RW-7	3/3/15	3789.07	66.51	64.80	1.71	3723.95	--
RW-7	6/2/15	3789.07	67.56	64.74	2.82	3723.79	--
RW-7	8/11/15	3789.07	68.20	64.80	3.40	3723.62	--
RW-7	12/1/15	3789.07	67.51	65.21	2.30	3723.42	--
RW-7	2/9/16	3789.07	LNAPL	64.80	4.21	--	69.01
RW-7	5/24/16	3789.07	LNAPL	64.85	4.16	--	--
RW-7	8/3/16	3789.07	--	--	--	--	--
RW-7	8/30/16	3789.07	68.98	65.11	3.87	3723.22	69.01
RW-7	10/12/16	3789.07	--	--	--	--	--
RW-7	11/1/16	3789.07	68.93	65.14	3.79	3723.21	69.01
RW-7	2/28/17	3789.07	65.59	65.36	0.23	3723.67	--
RW-7	5/10/17	3789.07	--	--	--	--	--
RW-7	5/17/17	3789.07	--	--	--	--	--
RW-7	5/30/17	3789.07	LNAPL	65.50	3.39	--	68.89
RW-7	6/14/17	3789.07	--	--	--	--	--
RW-7	7/14/17	3791.51	--	--	--	--	--
RW-7	7/26/17	3791.51	--	--	--	--	--
RW-7	8/1/17	3791.51	--	--	--	--	--
RW-7	8/10/17	3791.51	--	--	--	--	--
RW-7	8/30/17	3791.51	67.87	66.64	1.23	3724.64	--
RW-7	9/6/17	3791.51	--	--	--	--	--
RW-7	9/12/17	3791.51	--	--	--	--	--
RW-7	10/12/17	3791.51	--	--	--	--	--
RW-7	10/18/17	3791.51	--	--	--	--	--
RW-7	10/24/17	3791.51	--	--	--	--	--
RW-7	11/14/17	3791.51	--	--	--	--	--
RW-7	11/22/17	3791.51	--	--	--	--	--
RW-7	11/30/17	3791.51	67.60	66.87	0.73	3724.50	--
RW-7	12/5/17	3791.51	--	--	--	--	--
RW-7	12/12/17	3791.51	--	--	--	--	--
RW-7	12/20/17	3791.51	--	--	--	--	--
RW-7	2/27/18	3791.51	67.68	67.04	0.64	3724.35	69.16
RW-7	5/29/18	3791.51	68.02	67.23	0.79	3724.13	--
RW-7	8/29/18	3791.51	68.15	67.36	0.79	3724.00	--
RW-7	10/3/18	3791.51	--	--	--	--	--
RW-7	11/27/18	3791.51	68.45	67.45	1.00	3723.87	--
RW-7	1/29/19	3791.51	--	--	--	--	--
RW-7	2/25/19	3791.51	68.80	67.69	1.11	3723.61	--
RW-7	4/30/19	3791.51	69.32	66.50	2.82	3724.47	69.32
RW-7	5/20/19	3791.51	LNAPL	67.90	1.42	--	--
RW-7	6/11/19	3791.51	--	--	--	--	--
RW-7	6/25/19	3791.51	--	--	--	--	--
RW-7	7/8/19	3791.51	--	--	--	--	--
RW-7	7/23/19	3791.51	68.70	68.13	0.57	3723.27	--
RW-7	8/20/19	3791.51	--	--	--	--	--
RW-7	8/28/19	3791.51	--	--	--	--	--
RW-7	10/21/19	3791.51	69.03	68.24	0.79	3723.12	--
RW-7	12/18/19	3791.51	--	--	--	--	--
RW-8	6/15/11	3788.84	LNAPL	61.09	7.85	--	68.94
RW-8	9/7/11	3788.84	LNAPL	61.19	7.62	--	68.81
RW-8	11/29/11	3788.84	LNAPL	61.45	6.42	--	67.87
RW-8	3/5/12	3788.84	LNAPL	61.17	6.35	--	67.52
RW-8	6/5/12	3788.84	LNAPL	61.32	6.38	--	67.7
RW-8	6/19/12	3788.84	LNAPL	61.39	7.16	--	--
RW-8	6/20/12	3788.84	--	--	--	--	--
RW-8	6/26/12	3788.84	LNAPL	61.38	6.64	--	68.02
RW-8	9/11/12	3788.84	LNAPL	61.61	5.90	--	67.51
RW-8	12/4/12	3788.84	68.85	63.63	5.22	3724.22	--
RW-8	3/5/13	3788.84	LNAPL	63.91	5.05	--	68.96
RW-8	6/4/13	3788.84	LNAPL	62.94	4.75	--	67.69
RW-8	8/27/13	3788.84	LNAPL	62.34	6.03	--	68.37
RW-8	9/24/13	3788.84	--	--	--	--	--
RW-8	10/29/13	3788.84	LNAPL	62.54	5.04	--	67.58
RW-8	11/11/13	3788.84	LNAPL	62.54	5.03	--	67.57
RW-8	11/19/13	3788.84	LNAPL	62.60	5.10	--	67.7
RW-8	11/25/13	3788.84	LNAPL	62.64	4.93	--	67.57
RW-8	12/3/13	3788.84	LNAPL	62.62	4.95	--	67.57
RW-8	12/10/13	3788.84	--	--	--	--	--
RW-8	12/17/13	3788.84	64.31	63.65	0.66	3725.06	--
RW-8	12/23/13	3788.84	LNAPL	63.09	4.51	--	67.6
RW-8	12/30/13	3788.84	65.27	64.03	1.24	3724.57	--
RW-8	1/22/14	3788.84	LNAPL	62.94	4.82	--	67.76
RW-8	2/18/14	3788.84	LNAPL	62.95	4.80	--	67.75
RW-8	2/24/14	3788.84	LNAPL	62.79	4.78	--	67.57
RW-8	4/8/14	3788.84	LNAPL	63.10	4.69	--	67.79
RW-8	4/22/14	3788.84	64.43	63.94	0.49	3724.81	--
RW-8	5/21/14	3788.84	LNAPL	63.00	5.05	--	68.05
RW-8	6/11/14	3788.84	LNAPL	63.25	4.32	--	67.57
RW-8	8/5/14	3788.84	LNAPL	63.13	4.44	--	67.57
RW-8	8/19/14	3788.84	64.77	64.10	0.67	3724.61	67.57
RW-8	9/3/14	3788.84	LNAPL	63.24	4.33	--	--
RW-8	11/17/14	3788.84	LNAPL	63.37	4.20	--	--
RW-8	3/3/15	3788.84	LNAPL	63.60	4.05	--	67.65
RW-8	6/2/15	3788.84	LNAPL	63.75	3.85	--	67.6
RW-8	8/10/15	3788.84	LNAPL	64.20	3.57	--	67.77
RW-8	12/1/15	3788.84	LNAPL	64.32	3.33	--	67.65
RW-8	2/9/16	3788.84	LNAPL	64.25	3.35	--	67.6
RW-8	5/24/16	3788.84	LNAPL	65.10	2.50	--	67.6
RW-8	8/16/16	3788.84	--	--	--	--	--
RW-8	8/30/16	3788.84	LNAPL	64.68	2.92	--	67.6
RW-8	11/1/16	3788.84	LNAPL	65.22	2.87	--	68.09
RW-8	1/18/17	3788.84	--	--	--	--	--
RW-8	2/15/17	3788.84	--	--	--	--	--
RW-8	2/28/17	3788.84	LNAPL	65.40	2.48	--	67.88
RW-8	5/10/17	3788.84	--	--	--	--	--
RW-8	5/30/17	3788.84	LNAPL	65.55	2.55	--	68.1
RW-8	6/6/17	3788.84	--	--	--	--	--
RW-8	6/14/17	3788.84	--	--	--	--	--
RW-8	7/6/17	3790.90	--	--	--	--	--
RW-8	8/1/17	3790.90	--	--	--	--	--
RW-8	8/10/17	3790.90	--	--	--	--	--
RW-8	8/30/17	3790.90	LNAPL	65.31	2.16	--	67.47
RW-8	9/6/17	3790.90	--	--	--	--	--
RW-8	9/12/17	3790.90	--	--	--	--	--
RW-8	10/12/17	3790.90	--	--	--	--	--
RW-8	10/18/17	3790.90	--	--	--	--	--
RW-8	10/24/17	3790.90	--	--	--	--	--
RW-8	11/30/17	3790.90	LNAPL	65.45	2.39	--	67.84
RW-8	12/5/17	3790.90	--	--	--	--	--
RW-8	12/12/17	3790.90	--	--	--	--	--
RW-8	2/27/18	3790.90	LNAPL	65.60	2.43	--	68.03
RW-8	5/29/18	3790.90	LNAPL	65.75	2.47	--	68.22
RW-8	8/29/18	3790.90	LNAPL	65.89	1.63	--	67.52
RW-8	11/27/18	3790.90		66.10	1.32	--	67.42
RW-8	2/25/19	3790.90	LNAPL	66.28	1.14	--	--
RW-8	5/20/19	3790.90	Dry	--	--	--	--
RW-8	6/25/19	3790.90		--	--	--	--
RW-8	7/8/19	3790.90	--	--	--	--	--
RW-8	7/23/19	3790.90	LNAPL	66.60	0.82	--	--
RW-8	8/20/19	3790.90	--	--	--	--	--
RW-8	8/28/19	3790.90	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-8	10/21/19	3790.90	LNAPL	66.75	1.28	--	68
RW-9	6/15/11	3788.92	64.82	62.20	2.62	3726.22	71.11
RW-9	9/7/11	3788.92	65.00	62.41	2.59	3726.02	71.24
RW-9	11/29/11	3788.92	65.61	62.47	3.14	3725.85	71.22
RW-9	3/5/12	3788.92	67.30	62.26	5.04	3725.70	71.2
RW-9	6/5/12	3788.92	67.21	62.49	4.72	3725.53	--
RW-9	6/19/12	3788.92	67.74	62.36	5.38	3725.54	--
RW-9	6/20/12	3788.92	--	--	--	--	--
RW-9	6/26/12	3788.92	65.27	62.90	2.37	3725.57	--
RW-9	9/11/12	3788.92	65.01	63.13	1.88	3725.43	71.18
RW-9	12/4/12	3788.92	67.21	62.85	4.36	3725.24	--
RW-9	3/5/13	3788.92	68.23	63.10	5.13	3724.85	--
RW-9	5/28/13	3788.92	68.91	62.77	6.14	3724.98	--
RW-9	6/18/13	3788.92	LNAPL	61.76	7.28	--	69.04
RW-9	8/27/13	3788.92	69.31	62.91	6.40	3724.79	--
RW-9	10/1/13	3788.92	--	--	--	--	--
RW-9	10/29/13	3788.92	69.19	63.05	6.14	3724.70	--
RW-9	11/11/13	3788.92	69.13	63.09	6.04	3724.68	--
RW-9	11/19/13	3788.92	69.12	63.13	5.99	3724.65	--
RW-9	11/25/13	3788.92	65.74	63.88	1.86	3724.69	--
RW-9	12/3/13	3788.92	65.27	63.93	1.34	3724.74	--
RW-9	12/10/13	3788.92	65.82	63.90	1.92	3724.66	--
RW-9	12/17/13	3788.92	65.18	64.02	1.16	3724.68	--
RW-9	12/23/13	3788.92	64.90	64.06	0.84	3724.70	--
RW-9	1/22/14	3788.92	64.67	64.21	0.46	3724.62	71.18
RW-9	2/24/14	3788.92	65.46	64.11	1.35	3724.55	--
RW-9	4/22/14	3788.92	66.38	63.99	2.39	3724.48	--
RW-9	5/6/14	3788.92	64.76	64.40	0.36	3724.45	--
RW-9	5/28/14	3788.92	65.26	64.37	0.89	3724.38	--
RW-9	8/19/14	3788.92	66.01	64.36	1.65	3724.25	--
RW-9	9/3/14	3788.92	64.80	64.51	0.29	3724.35	--
RW-9	9/9/14	3788.92	64.80	64.65	0.15	3724.24	--
RW-9	11/17/14	3788.92	65.33	64.75	0.58	3724.06	--
RW-9	3/3/15	3788.92	65.76	64.83	0.93	3723.91	--
RW-9	6/2/15	3788.92	66.17	64.98	1.19	3723.71	--
RW-9	8/11/15	3788.92	66.46	65.10	1.36	3723.56	--
RW-9	12/1/15	3788.92	66.12	65.41	0.71	3723.38	--
RW-9	2/9/16	3788.92	66.38	65.52	0.86	3723.24	--
RW-9	5/24/16	3788.92	66.64	65.69	0.95	3723.05	--
RW-9	6/15/16	3788.92	--	--	--	--	--
RW-9	6/29/16	3788.92	--	--	--	--	--
RW-9	7/6/16	3788.92	--	--	--	--	--
RW-9	8/16/16	3788.92	--	--	--	--	--
RW-9	8/30/16	3788.92	66.92	65.95	0.97	3722.79	--
RW-9	9/8/16	3788.92	--	--	--	--	--
RW-9	10/5/16	3788.92	--	--	--	--	--
RW-9	11/1/16	3788.92	66.99	66.00	0.99	3722.73	--
RW-9	11/23/16	3788.92	--	--	--	--	--
RW-9	11/30/16	3788.92	--	--	--	--	--
RW-9	1/5/17	3788.92	--	--	--	--	--
RW-9	1/18/17	3788.92	--	--	--	--	--
RW-9	2/15/17	3788.92	--	--	--	--	--
RW-9	2/28/17	3788.92	66.89	66.32	0.57	3722.49	--
RW-9	4/3/17	3788.92	--	--	--	--	--
RW-9	5/17/17	3788.92	--	--	--	--	--
RW-9	5/31/17	3788.92	66.81	66.55	0.26	3722.32	--
RW-9	6/14/17	3788.92	--	--	--	--	--
RW-9	7/6/17	3791.33	--	--	--	--	--
RW-9	8/1/17	3791.33	--	--	--	--	--
RW-9	8/10/17	3791.33	--	--	--	--	--
RW-9	8/30/17	3791.33	66.95	66.75	0.20	3724.54	--
RW-9	9/6/17	3791.33	--	--	--	--	--
RW-9	9/12/17	3791.33	--	--	--	--	--
RW-9	9/20/17	3791.33	--	--	--	--	--
RW-9	10/12/17	3791.33	--	--	--	--	--
RW-9	10/18/17	3791.33	--	--	--	--	--
RW-9	10/24/17	3791.33	--	--	--	--	--
RW-9	11/30/17	3791.33	67.07	66.91	0.16	3724.39	--
RW-9	12/5/17	3791.33	--	--	--	--	--
RW-9	12/12/17	3791.33	--	--	--	--	--
RW-9	12/20/17	3791.33	--	--	--	--	--
RW-9	2/27/18	3791.33	67.18	67.05	0.13	3724.26	71.18
RW-9	5/29/18	3791.33	67.40	67.26	0.14	3724.04	--
RW-9	8/29/18	3791.33	67.59	67.39	0.20	3723.90	--
RW-9	11/27/18	3791.33	67.79	67.57	0.22	3723.72	--
RW-9	2/25/19	3791.33	68.04	67.76	0.28	3723.52	--
RW-9	5/20/19	3791.33	68.18	68.01	0.17	3723.29	--
RW-9	7/23/19	3791.33	68.33	68.10	0.23	3723.19	--
RW-9	8/28/19	3791.33	--	--	--	--	--
RW-9	9/10/19	3791.33	--	--	--	--	--
RW-9	10/2/19	3791.33	--	--	--	--	--
RW-9	10/21/19	3791.33	68.37	68.23	0.14	3723.07	--
RW-9	11/20/19	3791.33	--	--	--	--	--
RW-10	6/15/11	3788.72	LNAPL	61.25	5.17	--	66.42
RW-10	7/26/11	3788.72	LNAPL	61.24	7.44	--	68.68
RW-10	7/28/11	3788.72	68.62	61.52	7.10	3725.85	68.73
RW-10	8/2/11	3788.72	67.31	61.75	5.56	3725.91	--
RW-10	8/4/11	3788.72	67.28	61.85	5.43	3725.84	--
RW-10	8/10/11	3788.72	LNAPL	61.40	7.30	--	68.7
RW-10	8/23/11	3788.72	65.00	62.29	2.71	3725.92	--
RW-10	8/24/11	3788.72	--	--	--	--	66.72
RW-10	8/30/11	3788.72	--	--	--	--	--
RW-10	9/7/11	3788.72	63.82	62.70	1.12	3725.81	--
RW-10	9/15/11	3788.72	--	--	--	--	--
RW-10	9/20/11	3788.72	--	--	--	--	--
RW-10	9/21/11	3788.72	64.45	62.55	1.90	3725.81	--
RW-10	9/27/11	3788.72	63.92	62.76	1.16	3725.74	--
RW-10	9/28/11	3788.72	--	--	--	--	--
RW-10	10/4/11	3788.72	--	--	--	--	--
RW-10	10/5/11	3788.72	62.97	62.95	0.02	3725.77	--
RW-10	10/11/11	3788.72	--	--	--	--	--
RW-10	10/12/11	3788.72	63.42	62.90	0.52	3725.72	--
RW-10	10/19/11	3788.72	63.60	62.90	0.70	3725.69	--
RW-10	10/25/11	3788.72	64.28	62.79	1.49	3725.65	--
RW-10	11/2/11	3788.72	63.51	62.97	0.54	3725.65	--
RW-10	11/8/11	3788.72	64.38	62.75	1.63	3725.66	70.1
RW-10	11/16/11	3788.72	68.11	61.85	6.26	3725.68	69.31
RW-10	11/22/11	3788.72	LNAPL	61.59	9.43	--	71.02
RW-10	11/29/11	3788.72	LNAPL	61.58	8.26	--	69.84
RW-10	1/3/12	3788.72	68.70	61.73	6.97	3725.67	--
RW-10	1/10/12	3788.72	65.78	62.45	3.33	3725.64	--
RW-10	1/11/12	3788.72	65.35	62.52	2.83	3725.66	--
RW-10	1/24/12	3788.72	LNAPL	61.90	4.63	--	66.53
RW-10	1/24/12	3788.72	65.05	62.65	2.40	3725.61	--
RW-10	1/31/12	3788.72	67.31	62.10	5.21	3725.63	--
RW-10	2/1/12	3788.72	64.83	62.68	2.15	3725.63	--
RW-10	2/7/12	3788.72	67.33	62.10	5.23	3725.63	--
RW-10	2/8/12	3788.72	64.76	62.66	2.10	3725.66	--
RW-10	2/14/12	3788.72	67.22	62.16	5.06	3725.60	--
RW-10	2/15/12	3788.72	65.38	62.56	2.82	3725.62	--
RW-10	2/21/12	3788.72	67.10	62.13	4.97	3725.65	--
RW-10	3/5/12	3788.72	LNAPL	61.77	4.69	--	66.46
RW-10	3/13/12	3788.72	LNAPL	61.71	7.01	--	68.72
RW-10	3/14/12	3788.72	65.20	62.63	2.57	3725.60	--
RW-10	3/19/12	3788.72	67.21	62.22	4.99	3725.55	--
RW-10	3/20/12	3788.72	64.89	62.38	2.51	3725.86	--
RW-10	3/28/12	3788.72	65.00	62.71	2.29	3725.57	--
RW-10	4/3/12	3788.72	67.25	62.22	5.03	3725.54	--
RW-10	4/4/12	3788.72	65.02	62.71	2.31	3725.57	--
RW-10	4/11/12	3788.72	67.68	62.10	5.58	3725.56	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-10	4/12/12	3788.72	64.93	62.75	2.18	3725.56	--
RW-10	4/18/12	3788.72	67.33	62.22	5.11	3725.53	--
RW-10	4/19/12	3788.72	65.00	62.73	2.27	3725.56	--
RW-10	4/24/12	3788.72	66.62	62.38	4.24	3725.53	--
RW-10	4/25/12	3788.72	64.82	62.80	2.02	3725.54	--
RW-10	5/1/12	3788.72	67.51	62.15	5.36	3725.55	--
RW-10	5/9/12	3788.72	67.56	62.18	5.38	3725.52	--
RW-10	5/16/12	3788.72	LNAPL	61.92	6.80	--	68.72
RW-10	5/17/12	3788.72	64.95	62.81	2.14	3725.50	--
RW-10	5/24/12	3788.72	67.41	62.28	5.13	3725.47	--
RW-10	6/5/12	3788.72	67.09	62.35	4.74	3725.47	--
RW-10	6/19/12	3788.72	68.76	61.90	6.86	3725.52	--
RW-10	6/20/12	3788.72	64.17	62.78	1.39	3725.68	--
RW-10	6/26/12	3788.72	LNAPL	62.33	3.96	--	66.29
RW-10	6/27/12	3788.72	67.71	62.23	5.48	3725.45	--
RW-10	7/2/12	3788.72	67.22	62.44	4.78	3725.37	--
RW-10	7/11/12	3788.72	67.76	62.26	5.50	3725.42	--
RW-10	7/18/12	3788.72	--	--	--	--	--
RW-10	7/24/12	3788.72	68.87	62.00	6.87	3725.41	--
RW-10	7/25/12	3788.72	66.39	62.61	3.78	3725.39	--
RW-10	8/1/12	3788.72	--	--	--	--	--
RW-10	8/8/12	3788.72	LNAPL	62.06	6.64	--	68.7
RW-10	8/15/12	3788.72	LNAPL	62.05	6.65	--	68.7
RW-10	8/21/12	3788.72	LNAPL	61.93	6.86	--	68.79
RW-10	9/1/12	3788.72	--	--	--	--	--
RW-10	9/11/12	3788.72	LNAPL	61.98	6.57	--	68.85
RW-10	10/10/12	3788.72	LNAPL	62.05	6.46	--	68.51
RW-10	10/16/12	3788.72	67.65	62.52	5.13	3725.23	--
RW-10	10/24/12	3788.72	LNAPL	62.21	6.34	--	68.55
RW-10	11/7/12	3788.72	LNAPL	62.33	6.38	--	68.71
RW-10	11/28/12	3788.72	LNAPL	62.10	6.60	--	68.7
RW-10	12/4/12	3788.72	LNAPL	62.44	6.27	--	68.71
RW-10	1/2/13	3788.72	69.71	62.20	7.51	3725.09	--
RW-10	1/16/13	3788.72	68.66	62.41	6.25	3725.12	--
RW-10	1/23/13	3788.72	68.62	62.63	5.99	3724.95	68.62
RW-10	2/27/13	3788.72	LNAPL	62.21	6.54	--	68.75
RW-10	3/5/13	3788.72	68.40	62.63	5.77	3724.99	--
RW-10	3/13/13	3788.72	LNAPL	62.35	6.35	--	68.7
RW-10	3/19/13	3788.72	LNAPL	62.33	6.46	--	68.79
RW-10	3/26/13	3788.72	LNAPL	62.25	6.45	--	68.7
RW-10	5/28/13	3788.72	LNAPL	62.38	6.40	--	68.78
RW-10	6/12/13	3788.72	LNAPL	62.42	6.26	--	68.68
RW-10	6/18/13	3788.72	LNAPL	62.46	6.18	--	68.64
RW-10	6/25/13	3788.72	LNAPL	62.20	6.65	--	68.85
RW-10	6/26/13	3788.72	LNAPL	63.30	5.55	--	--
RW-10	7/2/13	3788.72	LNAPL	63.00	5.85	--	--
RW-10	8/27/13	3788.72	67.45	63.54	3.91	3724.44	--
RW-10	9/10/13	3788.72	68.32	63.28	5.04	3724.48	--
RW-10	9/17/13	3788.72	67.99	63.19	4.80	3724.62	--
RW-10	9/24/13	3788.72	LNAPL	63.09	5.85	--	68.94
RW-10	10/1/13	3788.72	66.60	63.68	2.92	3724.49	--
RW-10	10/15/13	3788.72	67.45	63.54	3.91	3724.44	--
RW-10	10/22/13	3788.72	68.38	63.37	5.01	3724.40	68.96
RW-10	10/29/13	3788.72	LNAPL	63.25	5.70	--	68.95
RW-10	11/11/13	3788.72	LNAPL	63.17	5.78	--	--
RW-10	11/19/13	3788.72	LNAPL	63.15	5.90	--	--
RW-10	11/25/13	3788.72	66.56	63.84	2.72	3724.36	--
RW-10	12/10/13	3788.72	LNAPL	63.65	5.28	--	68.93
RW-10	12/11/13	3788.72	65.23	64.17	1.06	3724.35	--
RW-10	12/17/13	3788.72	66.06	63.96	2.10	3724.36	--
RW-10	12/23/13	3788.72	--	--	--	--	--
RW-10	12/30/13	3788.72	64.89	64.27	0.62	3724.33	--
RW-10	1/22/14	3788.72	68.03	63.68	4.35	3724.21	68.78
RW-10	2/24/14	3788.72	LNAPL	63.23	5.55	--	--
RW-10	4/22/14	3788.72	LNAPL	63.46	5.13	--	68.59
RW-10	5/6/14	3788.72	65.16	64.44	0.72	3724.14	68.78
RW-10	5/28/14	3788.72	67.46	64.00	3.46	3724.06	68.78
RW-10	8/19/14	3788.72	LNAPL	63.76	4.41	--	68.17
RW-10	9/3/14	3788.72	66.09	64.26	1.83	3724.11	68.78
RW-10	9/9/14	3788.72	64.98	64.53	0.45	3724.10	--
RW-10	11/17/14	3788.72	LNAPL	63.81	4.97	--	--
RW-10	3/3/15	3788.72	LNAPL	63.99	4.77	--	68.76
RW-10	6/2/15	3788.72	LNAPL	64.22	4.43	--	68.65
RW-10	8/10/15	3788.72	LNAPL	64.71	1.64	--	66.35
RW-10	12/1/15	3788.72	67.96	64.90	3.06	3723.24	--
RW-10	2/9/16	3788.72	LNAPL	64.85	4.08	--	68.93
RW-10	5/24/16	3788.72	LNAPL	64.87	4.06	--	68.93
RW-10	8/30/16	3788.72	LNAPL	65.64	3.05	--	68.69
RW-10	11/1/16	3788.72	68.72	65.21	3.51	3722.84	68.93
RW-10	11/30/16	3788.72	--	--	--	--	--
RW-10	1/18/17	3788.72	--	--	--	--	--
RW-10	2/28/17	3788.72	LNAPL	65.45	3.19	--	68.64
RW-10	4/3/17	3788.72	--	--	--	--	--
RW-10	5/10/17	3788.72	--	--	--	--	--
RW-10	5/31/17	3788.72	LNAPL	65.65	2.87	--	68.52
RW-10	6/6/17	3788.72	--	--	--	--	--
RW-10	6/14/17	3788.72	--	--	--	--	--
RW-10	7/6/17	3791.16	--	--	--	--	--
RW-10	7/14/17	3791.16	--	--	--	--	--
RW-10	7/26/17	3791.16	--	--	--	--	--
RW-10	8/1/17	3791.16	--	--	--	--	--
RW-10	8/10/17	3791.16	--	--	--	--	--
RW-10	8/30/17	3791.16	LNAPL	65.89	2.91	--	68.8
RW-10	9/6/17	3791.16	--	--	--	--	--
RW-10	9/12/17	3791.16	--	--	--	--	--
RW-10	9/20/17	3791.16	--	--	--	--	--
RW-10	10/12/17	3791.16	--	--	--	--	--
RW-10	10/18/17	3791.16	--	--	--	--	--
RW-10	10/24/17	3791.16	--	--	--	--	--
RW-10	11/30/17	3791.16	LNAPL	65.93	2.78	--	68.71
RW-10	12/5/17	3791.16	--	--	--	--	--
RW-10	12/12/17	3791.16	--	--	--	--	--
RW-10	2/27/18	3791.16	LNAPL	66.00	2.80	--	68.8
RW-10	5/29/18	3791.16	68.73	66.05	2.68	--	68.8
RW-10	8/29/18	3791.16	LNAPL	66.31	1.20	--	67.51
RW-10	11/27/18	3791.16		66.50	2.20	--	68.70
RW-10	2/25/19	3791.16	LNAPL	66.68	2.02	--	
RW-10	5/20/19	3791.16	LNAPL	66.98	1.62	--	68.70
RW-10	7/23/19	3791.16	LNAPL	67.00	1.70	--	--
RW-10	10/21/19	3791.16	LNAPL	67.18	1.64	--	68.82
RW-11	6/15/11	3788.43	67.97	61.28	6.69	3725.88	71.27
RW-11	9/7/11	3788.43	68.61	61.35	7.26	3725.70	71.18
RW-11	10/25/11	3788.43	64.06	62.45	1.61	3725.67	--
RW-11	11/2/11	3788.43	68.40	61.55	6.85	3725.58	--
RW-11	11/8/11	3788.43	68.45	61.58	6.87	3725.54	71.29
RW-11	11/16/11	3788.43	67.65	61.59	6.06	3725.69	--
RW-11	11/22/11	3788.43	68.49	61.58	6.91	3725.54	--
RW-11	11/29/11	3788.43	68.93	61.51	7.42	3725.51	71.3
RW-11	1/3/12	3788.43	69.07	61.52	7.55	3725.48	--
RW-11	1/10/12	3788.43	68.88	61.57	7.31	3725.47	--
RW-11	1/11/12	3788.43	68.82	61.52	7.30	3725.52	--
RW-11	1/24/12	3788.43	64.50	62.58	1.92	3725.49	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-11	1/31/12	3788.43	64.31	62.60	1.71	3725.51	--
RW-11	2/7/12	3788.43	65.55	62.40	3.15	3725.43	--
RW-11	2/14/12	3788.43	65.18	62.48	2.70	3725.44	--
RW-11	2/21/12	3788.43	65.22	62.46	2.76	3725.45	--
RW-11	3/5/12	3788.43	68.21	61.78	6.43	3725.43	71.28
RW-11	3/13/12	3788.43	66.30	62.26	4.04	3725.40	--
RW-11	3/19/12	3788.43	63.93	62.72	1.21	3725.48	--
RW-11	3/27/12	3788.43	64.30	62.73	1.57	3725.40	--
RW-11	4/3/12	3788.43	65.80	62.50	3.30	3725.30	--
RW-11	4/11/12	3788.43	70.23	66.69	3.54	3721.07	--
RW-11	4/18/12	3788.43	68.01	61.97	6.04	3725.31	--
RW-11	4/24/12	3788.43	65.80	62.45	3.35	3725.34	--
RW-11	5/1/12	3788.43	68.92	61.83	7.09	3725.25	--
RW-11	5/9/12	3788.43	--	--	--	--	--
RW-11	5/16/12	3788.43	69.09	61.73	7.36	3725.30	--
RW-11	5/24/12	3788.43	69.14	61.18	7.96	3725.74	--
RW-11	6/5/12	3788.43	--	--	--	--	--
RW-11	6/19/12	3788.43	--	--	--	--	--
RW-11	6/26/12	3788.43	68.66	62.01	6.65	3725.16	--
RW-11	7/2/12	3788.43	--	--	--	--	--
RW-11	7/11/12	3788.43	Dry	--	--	--	--
RW-11	7/24/12	3788.43	--	--	--	--	--
RW-11	8/21/12	3788.43	--	--	--	--	--
RW-11	9/11/12	3788.43	--	--	--	--	--
RW-11	10/16/12	3788.43	--	--	--	--	--
RW-11	11/7/12	3788.43	--	--	--	--	--
RW-11	11/28/12	3788.43	--	--	--	--	--
RW-11	12/4/12	3788.43	69.81	62.10	7.71	3724.87	--
RW-11	1/2/13	3788.43	--	--	--	--	--
RW-11	1/16/13	3788.43	--	--	--	--	--
RW-11	1/23/13	3788.43	--	--	--	--	--
RW-11	2/27/13	3788.43	--	--	--	--	--
RW-11	3/5/13	3788.43	70.00	62.22	7.78	3724.73	--
RW-11	3/13/13	3788.43	--	--	--	--	--
RW-11	3/19/13	3788.43	--	--	--	--	--
RW-11	3/26/13	3788.43	--	--	--	--	--
RW-11	5/28/13	3788.43	--	--	--	--	--
RW-11	6/12/13	3788.43	--	--	--	--	--
RW-11	6/18/13	3788.43	70.47	62.25	8.22	3724.62	71.03
RW-11	8/27/13	3788.43	70.52	62.38	8.14	3724.50	--
RW-11	9/10/13	3788.43	--	--	--	--	--
RW-11	9/24/13	3788.43	--	--	--	--	--
RW-11	10/1/13	3788.43	--	--	--	--	--
RW-11	10/9/13	3788.43	--	--	--	--	--
RW-11	10/15/13	3788.43	--	--	--	--	--
RW-11	10/22/13	3788.43	--	--	--	--	--
RW-11	10/29/13	3788.43	--	--	--	--	--
RW-11	11/11/13	3788.43	66.70	65.42	1.28	3722.77	--
RW-11	12/3/13	3788.43	64.34	63.91	0.43	3724.44	--
RW-11	12/10/13	3788.43	66.10	63.57	2.53	3724.38	--
RW-11	12/17/13	3788.43	--	--	--	--	--
RW-11	2/24/14	3788.43	69.93	62.86	7.07	3724.23	71.28
RW-11	5/6/14	3788.43	69.98	62.97	7.01	3724.13	--
RW-11	5/21/14	3788.43	64.95	64.21	0.74	3724.08	--
RW-11	5/28/14	3788.43	66.34	63.84	2.50	3724.12	--
RW-11	9/3/14	3788.43	70.00	63.29	6.71	3723.87	--
RW-11	9/9/14	3788.43	69.98	63.25	6.73	3723.90	--
RW-11	11/17/14	3788.43	LNAPL	63.51	7.77	--	--
RW-11	3/3/15	3788.43	68.20	64.05	4.15	3723.59	--
RW-11	6/2/15	3788.43	69.53	63.97	5.56	3723.40	--
RW-11	8/10/15	3788.43	70.16	64.03	6.13	3723.24	--
RW-11	12/1/15	3788.43	68.48	64.59	3.89	3723.10	--
RW-11	2/9/16	3788.43	69.30	64.60	4.70	3722.94	--
RW-11	5/24/16	3788.43	70.51	64.54	5.97	3722.76	--
RW-11	8/30/16	3788.43	68.82	65.66	3.16	3722.17	--
RW-11	11/1/16	3788.43	70.68	64.89	5.79	3722.44	--
RW-11	11/23/16	3788.43	--	--	--	--	--
RW-11	11/30/16	3788.43	--	--	--	--	--
RW-11	1/5/17	3790.82	--	--	--	--	--
RW-11	1/18/17	3790.82	--	--	--	--	--
RW-11	2/28/17	3788.43	71.30	65.07	6.23	3722.18	--
RW-11	5/31/17	3788.43	66.82	66.27	0.55	3722.06	--
RW-11	6/6/17	3788.43	--	--	--	--	--
RW-11	6/14/17	3788.43	--	--	--	--	--
RW-11	8/30/17	3790.82	68.34	66.15	2.19	3724.25	--
RW-11	11/30/17	3790.82	70.25	65.85	4.40	3724.13	--
RW-11	2/27/18	3790.82	70.61	66.00	4.61	3723.94	72.39
RW-11	5/29/18	3790.82	68.22	66.72	1.50	3723.82	72.39
RW-11	8/29/18	3790.82	68.81	66.85	1.96	3723.60	72.39
RW-11	11/27/18	3790.82	69.75	66.89	2.86	3723.39	--
RW-11	2/25/19	3790.82	70.56	66.88	3.68	3723.24	--
RW-11	5/20/19	3790.82	69.05	67.45	1.60	3723.07	--
RW-11	7/23/19	3790.82	68.15	67.80	0.35	3722.95	--
RW-11	8/13/19	3790.82	--	--	--	--	--
RW-11	8/20/19	3790.82	--	--	--	--	--
RW-11	8/28/19	3790.82	--	--	--	--	--
RW-11	9/10/19	3790.82	--	--	--	--	--
RW-11	9/25/19	3790.82	--	--	--	--	--
RW-11	10/2/19	3790.82	--	--	--	--	--
RW-11	10/21/19	3790.82	69.06	67.78	1.28	3722.80	--
RW-11	12/11/19	3790.82	--	--	--	--	--
RW-11	12/24/19	3790.82	--	--	--	--	--
RW-12	8/1/13	3791.20	--	--	--	--	--
RW-12	2/28/17	3791.20	66.06	--	--	3725.14	85.67
RW-12	3/2/17	3791.20	--	--	--	--	--
RW-12	5/2/17	3791.20	--	--	--	--	--
RW-12	5/17/17	3791.20	--	--	--	--	--
RW-12	5/31/17	3791.20	66.21	--	--	3724.99	85.94
RW-12	6/14/17	3791.20	--	--	--	--	--
RW-12	7/6/17	3791.20	--	--	--	--	--
RW-12	7/14/17	3791.20	--	--	--	--	--
RW-12	8/10/17	3791.20	--	--	--	--	--
RW-12	8/30/17	3791.20	--	--	--	--	--
RW-12	9/1/17	3791.20	66.24	--	--	3724.96	85.53
RW-12	9/6/17	3791.20	--	--	--	--	--
RW-12	9/20/17	3791.20	--	--	--	--	--
RW-12	10/12/17	3791.20	--	--	--	--	--
RW-12	10/24/17	3791.20	--	--	--	--	--
RW-12	11/14/17	3791.20	--	--	--	--	--
RW-12	11/28/17	3791.20	66.58	--	--	3724.62	85.63
RW-12	12/1/17	3791.20	--	--	--	--	--
RW-12	12/5/17	3791.20	--	--	--	--	--
RW-12	12/12/17	3791.20	--	--	--	--	--
RW-12	12/20/17	3791.20	--	--	--	--	--
RW-12	2/27/18	3791.20	66.80	--	--	3724.40	85.81
RW-12	5/29/18	3791.20	66.95	--	--	3724.25	85.73
RW-12	8/29/18	3791.20	67.09	--	--	3724.11	85.81
RW-12	11/27/18	3791.20	67.25	--	--	3723.95	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

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, NAVD88)	Total Depth of Well (Feet BTOC)
RW-12	2/25/19	3791.20	67.47	--	--	3723.73	--
RW-12	4/30/19	3791.20	67.59	--	--	3723.61	--
RW-12	5/20/19	3791.20	67.65	--	--	3723.55	--
RW-12	5/22/19	3791.20	--	--	--	--	--
RW-12	7/23/19	3791.20	67.74	--	--	3723.46	--
RW-12	7/24/19	3791.20	--	--	--	--	--
RW-12	8/28/19	3791.20	--	--	--	--	--
RW-12	9/10/19	3791.20	--	--	--	--	--
RW-12	9/25/19	3791.20	--	--	--	--	--
RW-12	10/2/19	3791.20	--	--	--	--	--
RW-12	10/21/19	3791.20	67.95	--	--	3723.25	85.81
RW-12	10/24/19	3791.20	--	--	--	--	--
RW-13	11/17/14	3788.45	70.55	63.18	7.37	3723.87	82.45
RW-13	3/3/15	3788.45	70.39	63.45	6.94	3723.68	--
RW-13	6/2/15	3788.45	70.46	63.59	6.87	3723.55	--
RW-13	8/11/15	3788.45	69.49	63.98	5.51	3723.42	--
RW-13	12/1/15	3788.45	70.90	64.20	6.70	3722.98	--
RW-13	2/9/16	3788.45	70.58	64.09	6.49	3723.13	--
RW-13	5/24/16	3788.45	70.20	64.60	5.60	3722.79	--
RW-13	8/16/16	3788.45	--	--	--	--	--
RW-13	8/30/16	3788.45	71.25	64.61	6.64	3722.58	--
RW-13	11/1/16	3788.45	70.70	65.00	5.70	3722.37	--
RW-13	1/18/17	3788.45	--	--	--	--	--
RW-13	2/15/17	3788.45	--	--	--	--	--
RW-13	2/28/17	3788.45	72.60	65.06	7.54	3721.96	--
RW-13	5/31/17	3788.45	71.42	65.36	6.06	3721.94	--
RW-13	6/6/17	3788.45	--	--	--	--	--
RW-13	8/30/17	3791.08	71.91	65.26	6.65	3724.56	--
RW-13	11/30/17	3791.08	72.23	65.34	6.89	3724.43	--
RW-13	2/27/18	3791.08	72.40	65.75	6.65	3724.07	82.05
RW-13	5/29/18	3791.08	70.30	66.23	4.07	3724.08	--
RW-13	8/29/18	3791.08	70.34	66.46	3.88	3723.88	--
RW-13	11/27/18	3791.08	70.61	66.90	3.71	3723.48	--
RW-13	2/25/19	3791.08	71.71	66.64	5.07	3723.48	--
RW-13	5/20/19	3791.08	70.11	67.20	2.91	3723.33	--
RW-13	7/23/19	3791.08	71.40	67.30	4.10	3723.00	--
RW-13	10/21/19	3791.08	72.86	67.17	5.69	3722.83	--
RW-14	11/17/14	3788.32	69.54	63.54	6.00	3723.64	--
RW-14	3/3/15	3788.32	69.49	63.80	5.69	3723.44	--
RW-14	6/2/15	3788.32	70.36	63.75	6.61	3723.31	--
RW-14	8/10/15	3788.32	70.60	63.90	6.70	3723.15	--
RW-14	12/1/15	3788.32	70.61	64.15	6.46	3722.94	--
RW-14	2/9/16	3788.32	70.20	64.60	5.60	3722.66	--
RW-14	5/24/16	3788.32	69.60	65.10	4.50	3722.37	--
RW-14	8/16/16	3788.32	--	--	--	--	--
RW-14	8/30/16	3788.32	71.18	64.96	6.22	3722.18	--
RW-14	11/1/16	3788.32	70.01	65.27	4.74	3722.15	--
RW-14	1/18/17	3788.32	--	--	--	--	--
RW-14	2/15/17	3788.32	--	--	--	--	--
RW-14	2/28/17	3788.32	70.96	65.13	5.83	3722.08	--
RW-14	5/31/17	3788.32	68.45	66.12	2.33	3721.76	--
RW-14	6/6/17	3788.32	--	--	--	--	--
RW-14	8/30/17	3790.92	70.77	65.63	5.14	3724.31	--
RW-14	11/30/17	3790.92	71.93	65.54	6.39	3724.17	--
RW-14	2/27/18	3790.92	71.13	65.90	5.23	3724.03	79.62
RW-14	5/29/18	3790.92	69.05	66.59	2.46	3723.86	--
RW-14	8/29/18	3790.92	71.24	66.36	4.88	3723.63	--
RW-14	11/27/18	3790.92	69.51	66.95	2.56	3723.48	--
RW-14	2/25/19	3790.92	70.65	66.95	3.70	3723.27	--
RW-14	5/20/19	3790.92	69.55	67.65	1.90	3722.91	--
RW-14	7/23/19	3790.92	73.21	67.13	6.08	3722.63	--
RW-14	7/30/19	3790.92	73.41	67.05	6.36	3722.66	--
RW-14	10/21/19	3790.92	73.28	67.29	5.99	3722.49	--

Notes:
1. NAVD88 - North American Vertical Datum of 1988
2. BTOC - Below Top-of-Casing
3. LNAPL - Light Non-Aqueous Phase Liquids
4. -- = No gauging data collected on corresponding date
5. Pump - Pump installed in corresponding recovery well
6. Dry - No fluid column measured in corresponding monitoring or recovery well
7. P&A - Plugged and Abandoned
8. NA - Not Available
9. 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 (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-1	2/14/20		LNAPL	--	--	--
MW-1	5/14/20		LNAPL	--	--	--
MW-1	9/17/20		LNAPL	--	--	--
MW-1	11/2/20		LNAPL	--	--	--
MW-1	2/22/21		LNAPL	--	--	--
MW-1	5/14/21		LNAPL	--	--	--
MW-1	8/11/21		LNAPL	--	--	--
MW-2	2/14/20		**0.0188**	<0.000412	<0.000160	0.000510
MW-2	5/14/20		<0.000190	**0.000734 J**	**0.000363 J**	**0.00746**
MW-2	9/17/20		Dry	--	--	--
MW-2	11/2/20		Dry	--	--	--
MW-2	2/22/21		**0.00583**	<0.000412	<0.000160	**0.0757**
MW-2	5/14/21		Dry	--	--	--
MW-2	8/11/21		**0.0144**	<0.000412	<0.000160	**0.0519**
MW-2	8/11/21	DUP	**0.0262**	<0.000412	<0.000160	**0.145**
MW-2	11/11/21		<0.000190	<0.000412	<0.000160	**0.0018**
MW-2	11/11/21	DUP	**0.000425 J**	**0.000299 J**	**0.000162 J**	**0.000630 J**
MW-2	2/10/22		**0.00112**	**0.000725 J**	**0.00154**	**0.00711**
MW-2	5/5/22		<0.000493	<0.000462	<0.000998	**0.00227 J**
MW-2	8/9/23		**0.000595**	<0.00100	<0.000500	**0.00219**
MW-2	11/9/23		<0.00500	<0.0100	<0.00500	<0.0150
MW-4	2/14/20		Annual	--	--	--
MW-4	5/14/20		Annual	--	--	--
MW-4	9/17/20		Annual	--	--	--
MW-4	11/2/20		**0.00402 J**	<0.000412	<0.000160	<0.000510
MW-4	2/22/21		Annual	--	--	--
MW-4	5/14/21		Annual	--	--	--
MW-4	8/11/21		Annual	--	--	--
MW-5	2/14/20		LNAPL	--	--	--
MW-5	5/14/20		LNAPL	--	--	--
MW-5	9/17/20		LNAPL	--	--	--
MW-5	11/2/20		LNAPL	--	--	--
MW-5	2/22/21		LNAPL	--	--	--
MW-5	5/14/21		LNAPL	--	--	--
MW-5	8/11/21		LNAPL	--	--	--
MW-6	2/14/20		**0.0291**	<0.0291	**0.00865**	**0.00736**
MW-6	5/14/20		**0.0223**	<0.000412	**0.000855**	**0.00447**
MW-6	9/18/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-6	9/18/20	DUP	**0.0268**	<0.000412	<0.000160	**0.00285**
MW-6	11/5/20		**0.00438**	<0.000412	**0.00168**	**0.00321**
MW-6	11/5/20	DUP	**0.00604**	<0.000412	**0.00199**	**0.00344**
MW-6	2/22/21		**0.00170**	<0.000412	**0.000836**	**0.00192**
MW-6	2/22/21	DUP	**0.00166**	<0.000412	**0.000835**	**0.0019**
MW-6	5/14/21		<0.000190	<0.000412	**0.000348 J**	**0.00201**
MW-6	8/11/21		**0.00405**	<0.000412	<0.000160	**0.0280**
MW-6	11/11/21		**0.000858**	<0.000412	<0.000160	**0.000559 J**
MW-6	2/10/22		<0.000190	<0.000412	**0.00349**	**0.00222**
MW-6	2/10/22	DUP	<0.000190	<0.000412	**0.00487**	**0.00534**
MW-6	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-6	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-6	11/7/22		<0.000190	<0.000412	**0.000171 J**	**.000526 J**
MW-6	2/13/23		<0.000190	<0.000412	<0.000160	**0.000554 J**
MW-6	2/13/23	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-6	5/5/23		**0.00297**	**0.00474**	<0.000160	**0.0121**
MW-6	5/5/23	DUP	**0.00265**	**0.00324**	<0.000160	**0.00841**

Table 2a

Summary of Groundwater Analytical Results (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-6	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-6	8/9/23	DUP	<0.000500	<0.00100	<0.000500	<0.00150
MW-6	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-6	11/9/23	DUP	<0.000500	<0.00100	<0.000500	<0.00150
MW-7	5/14/20		**0.000267 J**	<0.000412	**0.000515**	**0.00112 J**
MW-7	9/18/20		**0.0249**	<0.000412	<0.000160	**0.00552**
MW-7	9/18/20	DUP	**0.000399 J**	<0.000412	<0.000160	**0.00107 J**
MW-7	11/2/20		**0.000747**	<0.000412	<0.000160	**0.00107 J**
MW-7	11/2/20	DUP	**0.000846**	<0.000412	<0.000160	<0.000510
MW-7	2/22/21		Semi-Annual	--	--	--
MW-7	5/14/21		<0.000190	<0.000412	**0.000310 J**	**0.00192**
MW-7	8/11/21		Semi-Annual	--	--	--
MW-7	11/11/21		**0.000667**	<0.000412	<0.000160	<0.000510
MW-7	2/10/22		Semi-Annual	--	--	--
MW-7	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-7	8/23/22		Semi-Annual	--	--	--
MW-7	11/7/22		<0.000190	<0.000412	**0.000333 J**	<0.000510
MW-7	2/13/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-7	5/5/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	3/26/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	5/14/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	11/2/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	2/22/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	5/14/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	8/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	11/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	2/10/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-11R	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	11/8/22		<0.000190	**0.000441 J**	**0.000269 J**	<0.000510
MW-11R	2/13/23		<0.000190	<0.000412	<0.000160	**0.000527 J**
MW-11R	5/5/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-11R	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-12R	2/14/20		**0.000366 J**	**0.000476 J**	<0.000160	**0.000783 J**
MW-12R	5/14/20		**0.000247 J**	<0.000412	<0.000160	<0.000510
MW-12R	9/18/20		**0.000654**	<0.000412	<0.000160	**0.00194**
MW-12R	11/2/20		**0.00395 J**	<0.000412	<0.000160	<0.000510
MW-12R	2/22/21		**0.000626**	<0.000412	**0.000240 J**	<0.000510
MW-12R	5/14/21		<0.000190	<0.000412	**0.000305 J**	**0.000655 J**
MW-12R	5/14/21	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-12R	8/11/21		**0.000811**	<0.000412	**0.000211 J**	<0.000510
MW-12R	11/11/21		**0.00135**	<0.000412	**0.000300 J**	<0.000510
MW-12R	2/10/22		**0.00100**	<0.000412	<0.000160	**0.00972**
MW-12R	2/10/22	DUP	**0.000897**	<0.000412	<0.000160	**0.00913**
MW-12R	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-12R	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-12R	11/7/22		**0.000357 J**	<0.000412	**.000226 J**	<0.000510
MW-12R	11/7/22	DUP	**0.000363 J**	<0.000412	**.000229 J**	<0.000510
MW-12R	2/13/23		<0.000190	<0.000412	<0.000160	**0.000542 J**
MW-12R	2/13/23	DUP	**0.000210 J**	<0.000412	<0.000160	<0.000510
MW-12R	5/5/23		<0.000190	<0.000412	**0.000172 J**	<0.000510
MW-12R	5/5/23	DUP	**0.000379 J**	<0.000412	<0.000160	<0.000510
MW-12R	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150

Table 2a

Summary of Groundwater Analytical Results (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-12R	8/9/23	DUP	<0.000500	<0.00100	<0.000500	<0.00150
MW-12R	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-12R	11/9/23	DUP	<0.000500	<0.00100	<0.000500	<0.00150
MW-13	2/19/20		P&A	--	--	--
MW-14	2/19/20		P&A	--	--	--
MW-16R	2/13/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	5/14/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	11/2/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	2/22/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	2/22/21	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	5/14/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	8/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	11/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	2/10/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-16R	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	11/7/22		<0.000190	<0.000412	**0.000275 J**	<0.000510
MW-16R	2/13/23		<0.000190	<0.000412	<0.000160	**0.000551 J**
MW-16R	5/5/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-16R	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-17R	2/13/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	5/14/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	9/18/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	11/2/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	2/22/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	5/14/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	8/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	11/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	2/10/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-17R	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	11/8/22		<0.000190	<0.000412	**0.000261 J**	<0.000510
MW-17R	2/10/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	5/5/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-17R	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-18R	2/13/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	5/14/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	5/14/20	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	9/18/20		**0.000660**	<0.000412	<0.000160	**0.00137 J**
MW-18R	11/2/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	2/22/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	5/14/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	8/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	11/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	2/10/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-18R	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	11/8/22		<0.000190	<0.000412	**0.000276 J**	<0.000510
MW-18R	2/13/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	5/5/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-18R	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150

Table 2a

Summary of Groundwater Analytical Results (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-19R	2/13/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	5/14/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	9/18/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	11/2/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	2/22/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	5/14/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	8/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	11/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	2/10/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-19R	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	11/7/22		<0.000190	<0.000412	**0.000273 J**	<0.000510
MW-19R	2/10/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	5/5/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-19R	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-20R	2/13/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	5/14/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	11/2/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	2/22/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	5/14/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	8/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	11/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	2/10/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-20R	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	11/7/22		<0.000190	**0.000517 J**	**0.000374 J**	<0.000510
MW-20R	2/10/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	5/5/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-20R	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-21	2/19/20		P&A	--	--	--
MW-21R	3/26/20		<0.00190	<0.00412	<0.000160	<0.000510
MW-21R	5/14/20		<0.00190	<0.00412	<0.000160	<0.000510
MW-21R	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-21R	11/2/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-21R	2/22/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-21R	5/14/21		<0.000190	<0.000412	**0.000183 J**	<0.000510
MW-21R	5/14/21	DUP	<0.000190	<0.000412	**0.000302 J**	<0.000510
MW-21R	8/11/21		**0.000195 J**	<0.000412	**0.000228 B J**	<0.000510
MW-21R	11/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-21R	2/10/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-21R	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-21R	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-21R	11/7/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-21R	2/10/23		<0.000190	<0.000412	<0.000160	**0.000510 J**
MW-21R	5/5/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-21R	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-21R	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-22	2/13/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	5/14/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	9/18/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	11/2/20		<0.000190	<0.000412	<0.000160	<0.000510

Table 2a

Summary of Groundwater Analytical Results (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-22	2/22/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	5/14/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	8/11/21		**0.000269 J**	<0.000412	<0.000160	<0.000510
MW-22	11/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	2/10/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-22	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	11/7/22		<0.000190	<0.000412	**0.000287 J**	<0.000510
MW-22	2/10/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	5/5/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-22	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-23	8/11/21		LNAPL	--	--	--
MW-24	3/26/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	5/14/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	11/2/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	2/22/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	5/14/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	8/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	11/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	2/10/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-24	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	11/7/22		<0.000190	<0.000412	**0.000280 J**	<0.000510
MW-24	2/13/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	5/5/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-24	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-24	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-25	3/26/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-25	3/26/20	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-25	5/14/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-25	5/14/2020	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-25	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-25	11/2/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-25	2/22/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-25	5/14/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-25	8/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-25	11/11/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-25	2/10/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-25	5/5/22		<0.000493	<0.000462	<0.000998	<0.00132
MW-25	8/23/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-25	11/7/22		<0.000190	<0.000412	**0.000271 J**	<0.000510
MW-25	2/13/23		<0.000190	<0.000412	<0.000160	**0.000511 J**
MW-25	5/5/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-25	8/9/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-25	11/9/23		<0.000500	<0.00100	<0.000500	<0.00150
RW-12	2/14/20		**0.00479**	**0.002420**	**0.00688**	**0.061**
RW-12	5/14/20		**0.00199**	**0.00485**	**0.000594**	**0.105**
RW-12	9/17/20		**0.000599**	**0.000742**	<0.000160	**0.0138**
RW-12	11/2/20		<0.000190	<0.000412	<0.000160	**0.00349**
RW-12	2/22/21		<0.000190	<0.000412	<0.000160	**0.00821**
RW-12	5/14/21		**0.00138**	**0.00325**	**0.00118**	**0.104**
RW-12	8/11/21		**0.000489 J**	<0.000412	**0.000212 J**	**0.00545**
RW-12	8/11/21	DUP	**0.000672**	<0.000412	**0.000197 J**	**0.00765**

Table 2a

Summary of Groundwater Analytical Results (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
RW-12	**11/11/21**		<0.000190	<0.000412	**0.000219 J**	**0.0129**
RW-12	**2/10/22**		**0.00131**	**0.00128**	<0.000160	**0.0178**
RW-12	**5/5/22**		<0.000493	<0.000462	<0.000998	**0.0139**
RW-12	**8/23/22**		<0.000190	<0.000412	<0.000160	**0.00518**
RW-12	**11/7/22**		**0.00222**	<0.000412	**0.000367 J**	**0.0228**
RW-12	**11/7/22**	**DUP**	**0.00221**	<0.000412	**0.000357 J**	**0.0223**
RW-12	**2/13/23**		<0.000190	<0.000412	**.000310 J**	**0.0646**
RW-12	**5/5/23**		**0.000291 J**	<0.000412	<0.000160	**0.00320**
RW-12	**8/9/23**		<0.000500	<0.00100	<0.000500	**0.0141**
RW-12	**11/9/23**		<0.000500	<0.00100	<0.000500	<0.00150
Trip Blank	**2/14/20**		<0.000190	<0.000412	<0.000160	<0.000510
Trip Blank	**8/29/22**		<0.000190	<0.000412	<0.000160	<0.000510
Trip Blank	**11/8/22**		<0.000190	**.000412 J**	**0.000278 J**	<0.000510
Trip Blank	**11/8/22**		<0.000190	<0.000412	**0.000285 J**	<0.000510
Trip Blank	**2/13/23**		<0.000190	<0.000412	<0.000160	<0.000510
Trip Blank	**5/5/23**		<0.000190	<0.000412	<0.000160	<0.000510
Trip Blank	**8/9/23**		<0.000500	<0.00100	<0.000500	<0.00150
Trip Blank	**11/9/23**		<0.000500	<0.00100	<0.000500	<0.00150
Equip Blank	**11/8/22**		<0.000190	<0.000412	**0.000270 J**	<0.000510
Equip Blank	**11/8/22**		<0.000190	**.000469 J**	**.000276 J**	<0.000510

Notes:
1. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis by Environmental Protection Agency (EPA) Method SW846-8021B
2. All reported concentrations are reported as milligrams per Liter (mg/L)
3. Bold font indicates laboratory detection
4. Yellow shaded cells indicate results exceeding NMWQCC Human Health Standards
5. < - Not detected above the Sample Detection Limit
6. J - Denotes an estimated concentration detected above the Sample Detection Limit and below the Method Quantitation Limit
7. DUP - Duplicate Sample
8. LNAPL - Light Non-Aqueous Phase Liquid
9. Dry - No fluid column measured in monitoring well
10. -- - No analytical data reported for corresponding date
11. Annual - Annual groundwater sampling (1-time per year) approved by the NMOCD in March 2020 for the correponding monitoring well
12. Semi-Annual - Semi-annual groundwater sampling (2-times per year) approved by the NMOCD in March 2020 for the corresponding monitoring well
13. P&A - Plugged and Abandoned

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-2	5/31/17		0.00660	0.00497	0.0431	0.0782
MW-2	9/1/17		<0.00200	0.01330	0.0266	0.1030
MW-2	12/1/17		0.00339	0.00363	0.0194	0.0725
MW-2	2/27/18		<0.00200	0.0101	0.00899	0.0353
MW-2	2/27/18	DUP	<0.00200	0.00789	0.00796	0.0308
MW-2	5/31/18		<0.00200	0.00259	0.0182	0.0619
MW-2	5/31/18	DUP	<0.00200	<0.00200	<0.00200	<0.00200
MW-2	8/29/18		LNAPL	--	--	--
MW-2	11/29/18		<0.000190	<0.000412	<0.000160	0.0424
MW-2	2/27/19		0.0166	<0.000412	<0.000160	0.0124
MW-2	2/27/19	DUP	0.0177	<0.000412	<0.000160	0.0130
MW-2	5/22/19		0.0118	0.000966	0.00286	0.00667
MW-2	7/24/19		0.00339	<0.000412	<0.000160	0.00161
MW-2	10/24/19		0.00860	<0.000412	0.00187	0.0190
MW-2	10/24/19	DUP	0.0137	<0.000412	0.00377	0.0437
MW-3	3/3/11		0.0924	<0.0100	0.256	0.668
MW-3	P&A		P&A	--	--	--
MW-4	12/1/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-4	12/6/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-4	11/14/13		<0.00100	<0.00100	<0.00100	<0.00300
MW-4	11/20/14		<0.00100	<0.00100	<0.00100	<0.00100
MW-4	12/4/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-4	11/4/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-4	12/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-4	11/29/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-4	10/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-6	3/3/11		0.849	<0.0100	<0.0100	<0.0100
MW-6	6/15/11		0.760	<0.0100	<0.0100	<0.0100
MW-6	9/13/11		0.530	<0.0100	<0.0100	<0.0100
MW-6	12/1/11		0.206	0.00110	0.0356	0.0430
MW-6	3/7/12		0.220	<0.00100	0.0457	0.0515
MW-6	6/7/12		0.322	<0.0500	<0.0500	<0.0500
MW-6	9/12/12		0.299	<0.0500	<0.0500	<0.0500
MW-6	12/6/12		0.238	<0.0100	0.0694	0.0743
MW-6	3/7/13		0.121	<0.0100	<0.0100	<0.0100
MW-6	5/30/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	8/29/13		0.2750	<0.00100	0.0129	0.0118
MW-6	8/13/15		0.4050	<0.0100	0.0213	0.0502
MW-6	12/4/15		0.2870	<0.0500	<0.0500	<0.0500
MW-6	2/11/16		0.144	<0.00100	0.0100	0.0110
MW-6	5/27/16		0.148	<0.00100	0.0088	0.0104
MW-6	5/27/16	DUP	0.151	<0.00100	0.0098	0.0102
MW-6	9/1/16		0.265	<0.00100	<0.00100	0.00310
MW-6	9/1/16	DUP	0.254	<0.00100	<0.00100	0.00300
MW-6	11/4/16		0.229	<0.00100	<0.00100	<0.00100
MW-6	3/2/17		0.177	0.00199	0.00326	0.00438
MW-6	3/2/17	DUP	0.349	<0.00150	0.01770	0.01040
MW-6	5/31/17		0.315	0.00229	0.0430	0.0474
MW-6	9/1/17		0.284	0.00205	0.0339	0.0257
MW-6	12/1/17		0.293	<0.00200	0.0126	0.0101
MW-6	2/27/18		0.109	0.00278	0.0114	0.0151

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-6	2/27/18	DUP	0.141	<0.0500	<0.0500	<0.0500
MW-6	5/31/18		0.105	<0.00200	0.0105	0.0141
MW-6	8/30/18		0.0829	0.00274	0.00194	0.00900
MW-6	11/29/18		0.0781	<0.000412	0.00840	0.00944
MW-6	2/27/19		0.0994	0.00146	0.0115	0.0115
MW-6	5/22/19		0.0724	0.000675	0.00415	0.00905
MW-6	7/24/19		0.0746	<0.000412	0.000864	0.00431
MW-6	7/24/19	DUP	0.0691	<0.000412	0.000755	0.00394
MW-6	10/24/19		0.0590	0.000554	0.00156	0.00631
MW-6	10/24/19	DUP	0.0649	0.000664	0.00157	0.00622
MW-7	6/15/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-7	12/1/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-7	6/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-7	12/6/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-7	5/30/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-7	11/14/13		0.00180	<0.00100	<0.00100	<0.00300
MW-7	5/28/14		0.03880	<0.00100	<0.00100	<0.00300
MW-7	11/20/14		0.03340	<0.00100	<0.00100	<0.00300
MW-7	6/3/15		0.12900	<0.00100	<0.00100	<0.00100
MW-7	6/3/15	DUP	0.13000	<0.00100	<0.00100	<0.00100
MW-7	12/4/15		0.00160	<0.00100	<0.00100	<0.00100
MW-7	12/4/15	DUP	0.00280	<0.00100	<0.00100	<0.00100
MW-7	5/27/16		0.1590	<0.00100	<0.00100	<0.00100
MW-7	11/4/16		0.1840	<0.00100	<0.00100	<0.00100
MW-7	11/4/16	DUP	0.1920	<0.00100	<0.00100	<0.00100
MW-7	5/31/17		0.2110	<0.00200	<0.00200	<0.00200
MW-7	5/31/17	DUP	0.189	<0.00200	<0.00200	<0.00200
MW-7	12/1/17		0.0368	<0.00200	<0.00200	<0.00200
MW-7	12/1/17	DUP	0.0394	<0.00200	<0.00200	<0.00200
MW-7	5/31/18		0.00379	<0.00200	<0.00200	<0.00200
MW-7	5/31/18	DUP	0.00367	<0.00200	<0.00200	<0.00200
MW-7	11/29/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-7	10/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-12	3/3/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-12	6/15/11		0.0372	<0.00100	<0.00100	<0.00100
MW-12	9/13/11		0.00770	<0.00100	<0.00100	<0.00100
MW-12	12/1/11		0.0763	<0.00100	<0.00100	<0.00100
MW-12	3/7/12		0.0095	<0.00100	<0.00100	<0.00100
MW-12	6/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-12	2/10/17		P&A	--	--	--
MW-12R	3/2/17		<0.00200	<0.00150	<0.00200	<0.00200
MW-12R	5/31/17		0.00797	0.00357	<0.00200	0.00382
MW-12R	9/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-12R	12/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-12R	2/27/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-12R	5/31/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-12R	8/30/18		0.000791	0.000434	0.000176	<0.000510
MW-12R	8/30/18	DUP	0.000416	<0.000412	0.000176	<0.000510
MW-12R	11/29/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-12R	2/27/19		0.000563	<0.000412	<0.000160	<0.000510
MW-12R	5/22/19		<0.000190	<0.000412	0.000507	0.00108 J

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-12R	7/24/19		**0.0003**	<0.000412	<0.000160	<0.000510
MW-12R	10/24/19		**0.000236**	<0.000412	<0.000160	**0.000537**
MW-15	12/1/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	2/10/17		P&A	--	--	--
MW-16	2/10/17		P&A	--	--	--
MW-16R	3/2/17		<0.00200	<0.00150	<0.00200	<0.00200
MW-16R	5/31/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-16R	9/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-16R	12/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-16R	2/27/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-16R	5/31/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-16R	8/30/18		**0.000256**	<0.000412	<0.000160	<0.000510
MW-16R	11/29/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	2/27/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	2/27/19	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	5/22/19		**0.00048**	<0.000412	**0.0002**	<0.000510
MW-16R	7/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-16R	10/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-17	3/3/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-17	6/15/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-17	9/13/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-17	10/8/14		P&A			
MW-17R	11/20/14		<0.00100	<0.00100	<0.00100	<0.00100
MW-17R	3/5/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-17R	6/3/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-17R	8/13/15		<0.00100	<0.00100	<0.00100	**0.00110**
MW-17R	12/4/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-17R	2/11/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-17R	5/27/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-17R	9/1/16		<0.00100	**0.00150**	**0.00670**	**0.01060**
MW-17R	11/4/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-17R	3/2/17		<0.00200	<0.00150	<0.00200	<0.00200
MW-17R	5/31/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-17R	9/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-17R	12/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-17R	2/27/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-17R	5/31/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-17R	8/30/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	11/29/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	11/29/18	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	2/27/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	5/22/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-17R	5/22/19	DUP	**0.00025**	<0.000412	<0.000160	<0.000510
MW-17R	7/24/19		<0.000190	<0.000412	**0.000189**	<0.000510
MW-17R	10/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-18	2/10/17		P&A	--	--	--
MW-18R	3/2/17		<0.00200	<0.00150	<0.00200	**0.00178**
MW-18R	5/31/17		<0.00200	<0.00200	0.00200	<0.00200
MW-18R	9/1/17		<0.00200	<0.00200	0.00200	<0.00200
MW-18R	12/1/17		<0.00200	<0.00200	0.00200	<0.00200

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-18R	2/27/18		<0.00200	<0.00200	0.00200	<0.00200
MW-18R	5/31/18		<0.00200	<0.00200	0.00200	<0.00200
MW-18R	8/30/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	11/29/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	2/27/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-18R	5/22/19		**0.000258**	<0.000412	<0.000160	<0.000510
MW-18R	7/24/19		**0.000201**	**0.000448**	**0.000365**	**0.00101 J**
MW-18R	10/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-19	3/3/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-19	6/15/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-19	9/13/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-19	10/8/14		P&A	--	--	--
MW-19R	11/20/14		<0.00100	<0.00100	<0.00100	<0.00100
MW-19R	3/5/15		<0.00200	<0.00200	<0.00200	<0.00200
MW-19R	6/3/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-19R	8/13/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-19R	12/4/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-19R	2/11/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-19R	5/27/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-19R	9/1/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-19R	11/4/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-19R	3/2/17		**0.0326**	<0.00150	<0.00200	**0.00469**
MW-19R	5/31/17		**0.0466**	<0.00200	<0.00200	**0.00618**
MW-19R	9/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-19R	9/1/17	DUP	**0.00236**	<0.00200	<0.00200	**0.00467**
MW-19R	12/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-19R	2/27/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-19R	5/31/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-19R	8/30/18		**0.000338**	<0.000412	<0.000160	<0.000510
MW-19R	11/29/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	2/27/19		**0.000519**	<0.000412	<0.000160	<0.000510
MW-19R	5/22/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	7/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-19R	10/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-20	12/1/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-20	10/9/14		10/9/14	--	--	--
MW-20R	11/20/14		<0.00100	<0.00100	<0.00100	<0.00100
MW-20R	3/5/15		<0.00200	<0.00200	<0.00200	<0.00200
MW-20R	6/3/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-20R	8/13/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-20R	12/4/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-20R	2/11/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-20R	5/27/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-20R	9/1/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-20R	11/4/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-20R	3/2/17		<0.00200	<0.00150	<0.00200	<0.00200
MW-20R	5/31/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-20R	9/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-20R	12/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-20R	2/27/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-20R	5/31/18		<0.00200	<0.00200	<0.00200	<0.00200

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-20R	8/30/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	11/29/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	11/29/18	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	2/27/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	5/22/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	7/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-20R	10/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-21	3/3/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	6/15/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	9/13/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	12/1/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	3/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	6/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	9/12/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	3/7/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	5/30/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	8/29/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	11/14/13		<0.00100	<0.00100	<0.00100	<0.00300
MW-21	2/27/14		<0.00100	<0.00100	<0.00100	<0.00300
MW-21	5/28/14		<0.00100	<0.00100	<0.00100	<0.00300
MW-21	9/4/14		<0.00100	<0.00100	<0.00100	**0.0016**
MW-21	11/20/14		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	3/5/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	3/5/15	DUP	<0.00100	<0.00100	<0.00100	<0.00100
MW-21	6/3/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	8/13/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	8/13/15	DUP	<0.00100	<0.00100	<0.00100	<0.00100
MW-21	12/4/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	2/11/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	2/11/16	DUP	<0.00100	<0.00100	<0.00100	<0.00100
MW-21	5/27/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	9/1/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	11/4/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-21	3/2/17		<0.00200	<0.00150	<0.00200	<0.00200
MW-21	5/31/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-21	9/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-21	12/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-21	2/27/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-21	5/31/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-21	8/30/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-21	11/29/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-21	2/27/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-21	5/22/19		**0.000279**	<0.000412	<0.000160	<0.000510
MW-21	7/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-21	10/24/19		Dry	--	--	--
MW-22	3/2/17		<0.00200	<0.00150	<0.00200	<0.00200
MW-22	5/31/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-22	9/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-22	12/1/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-22	2/27/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-22	5/31/18		<0.00200	<0.00200	<0.00200	<0.00200

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-22	8/30/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	11/29/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	2/27/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	5/22/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	7/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-22	10/24/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-23	3/2/17		0.124	0.242	0.0773	0.273
RW-12	3/2/17		0.00493	0.0161	0.0109	0.0396
RW-12	5/31/17		0.0121	0.0423	0.0353	0.123
RW-12	5/31/17	DUP	0.0122	0.0381	0.0265	0.109
RW-12	9/1/17		0.0146	0.0324	0.0147	0.0943
RW-12	12/1/17		0.0133	0.0396	0.0184	0.122
RW-12	12/1/17	DUP	0.00989	0.0329	0.0153	0.102
RW-12	2/27/18		0.00237	0.00809	0.00271	0.0170
RW-12	5/31/18		1.53	0.0909	0.202	0.220
RW-12	8/30/18		0.00161	0.00965	0.00527	0.0641
RW-12	8/30/18	DUP	0.00147	0.00834	0.00451	0.0562
RW-12	11/29/18		0.00662	0.0194	0.0145	0.127
RW-12	2/27/19		0.00739	0.00863	0.00722	0.0826
RW-12	5/22/19		0.00663	0.00768	0.00491	0.0564
RW-12	5/22/19	DUP	0.00782	0.0113	0.00920	0.108
RW-12	7/24/19		0.00869	0.0115	0.0223	0.162
RW-12	7/24/19	DUP	0.00807	0.0109	0.0210	0.151
RW-12	10/24/19		0.00505	0.00408	0.00361	0.104
Trip Blank	8/30/18		<0.000190	<0.000412	<0.000160	0.00051
Trip Blank	2/27/19		<0.000190	<0.000412	<0.000160	<0.000510
Trip Blank	10/24/19		<0.000190	<0.000412	<0.000160	<0.000510

Notes:
1. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis by Environmental Protection Agency (EPA) Method SW846-8021B
2. All reported concentrations are reported as milligrams per Liter (mg/L)
3. Bold font indicates laboratory detection
4. Yellow shaded cells indicate results exceeding NMWQCC Human Health Standards
5. < - Not detected above the Sample Detection Limit
6. J - Denotes an estimated concentration detected above the Sample Detection Limit and below the Method Quantitation Limit
7. DUP - Duplicate Sample
8. LNAPL - Light Non-Aqueous Phase Liquid
9. Dry - No fluid column measured in monitoring well
10. -- - No analytical data reported for corresponding date
11. Annual - Annual groundwater sampling (1-time per year) approved by the NMOCD in March 2020 for the correponding monitoring well
12. Semi-Annual - Semi-annual groundwater sampling (2-times per year) approved by the NMOCD in March 2020 for the corresponding monitoring well
13. P&A - Plugged and Abandoned

Table 3

Summary of Groundwater PAH Compound Analytical Results
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Anthracene	Acenaphthene	Acenaphthylene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			0.001	0.001	0.001	0.001	0.0002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.03		
MW-1	11/24/08		<0.000183	<0.000183	0.00485	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.0106	<0.000183	0.0167	<0.000183	0.0205	<0.000183	0.122	0.173	0.250
MW-1	12/08/09		<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0164	<0.000922	0.0436	<0.000922	0.0719	<0.000922	0.106	<0.000922	0.350	0.748	1.09
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/24/08		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00174	<0.000183	0.00255	<0.000183	0.00282	<0.000183	0.0285	0.0234	0.0302
MW-2	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00314	<0.000184	0.00482	<0.000184	0.00625	<0.000184	0.0435	0.0536	0.0528
MW-2	12/01/17		<0.000185	0.000644	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000941	<0.000185	0.00133	<0.000185	0.00128	0.000236	0.00546	--	--
MW-2	11/29/18		0.000671	0.000509	<0.0000120	<0.00000410	<0.0000116	0.0000380 J	<0.00000227	<0.0000136	0.000175	<0.00000396	0.00215	<0.0000157	0.00232	<0.0000148	0.00291	<0.0000117	0.0137	0.0257	0.0109
MW-2	10/24/19		0.00120	0.000502	<0.0000120	0.000537	0.000323	0.0000671 J	0.0000552 J	<0.0000136	0.000253	<0.00000396	0.00102	0.000181	0.00182	<0.0000148	0.00290	0.000539	0.00140	0.00629	0.00159
MW-2	11/02/20		Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/11/21		<0.0000190	0.00348	<0.0000171	<0.0000203	<0.0000184	0.000378	0.000345 J	0.0000983 J	0.00139	<0.0000160	0.00790	0.00142	0.0128	<0.0000158 J3	0.0190	<0.0000169	0.0114	0.0607	0.0511
MW-3	11/24/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00292	<0.000184	0.00377	<0.000184	0.0037	<0.000184	0.0601	0.0455	0.0625
MW-3	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00191	<0.000184	0.00242	<0.000184	0.00262	<0.000184	0.0372	0.0396	0.0451
MW-3	11/22/10		<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.00579	<0.000186	0.00899	<0.000186	0.0136	<0.000186	0.0673	0.0915	0.115
P&A	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/24/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-4	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-5	11/24/08		0.0424	<0.000917	0.0806	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0201	<0.000917	0.0326	<0.000917	0.0427	<0.000917	0.136	0.261	0.372
MW-5	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00262	<0.000184	0.00767	<0.000184	0.0122	<0.000184	0.0172	<0.000184	0.0779	0.137	0.194
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/24/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00251	<0.000184	0.00321	<0.000184	0.00322	<0.000184	0.0217	0.0339	0.015
MW-6	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00125	<0.000184	0.00129	<0.000184	0.00144	<0.000184	0.00437	0.0133	0.00426
MW-6	12/01/11		<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.00152	<0.000186	0.000962	<0.000186	0.00131	<0.000186	0.00345	0.00676	0.00328
MW-6	12/06/12		<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00398	<0.000190	0.00346	<0.000190	0.00406	<0.000190	0.0126	0.0206	0.0207
MW-6	12/04/15		<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	0196	<0.000196	<0.000196	<0.000196	<0.000196	0.00034	<0.000196
MW-6	11/04/16		<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000342	<0.000185	<0.000185	<0.000185	<0.000185	0.000273	0.00219	0.00141	0.00122
MW-6	12/01/17		<0.000185	0.000313	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00047	<0.000185	0.000277	<0.000185	0.000360	<0.000185	0.00208	---	---
MW-6	11/29/18		0.000306	0.000311	<0.0000120	<0.00000410	<0.0000116	0.0000189 J	0.0000137 J	<0.0000136	<0.0000108	<0.00000396	0.000334	0.0000159 J	0.000146	<0.0000148	0.000293	0.000141	0.00196	0.00188	0.00107
MW-6	10/24/19		0.0000833	0.000313	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	0.000332	<0.0000157	0.0000546	<0.0000148	0.000139	0.0000246 J	0.00161	0.000970	0.000783
MW-7	11/24/08		<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-7	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-7	11/29/18		<0.0000140	0.0000476 J	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	0.00028	<0.0000157	<0.00000850	<0.0000148	0.0000751	<0.0000117	0.000254	0.000367	0.0000983 J
MW-7	10/24/19		<0.0000140	<0.0000100	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	0.00000667 B J	<0.0000157	<0.0000085	<0.0000148	<0.00000820	<0.0000117	0.0000281 J	0.0000148 J	0.0000138 J
MW-8	11/25/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0861	<0.000184	0.135	<0.000184	0.188	<0.000184	0.529	1.26	1.86
MW-8	12/08/09		<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0165	<0.000917	0.0566	<0.000917	0.0789	<0.000917	0.113	<0.000917	0.359	0.839	1.14
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/25/08		<0.000184	<0.000184	0.00163	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00172	<0.000184	0.00578	<0.000184	0.00846	<0.000184	0.0104	<0.000184	0.0641	0.0851	0.112
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/24/08		<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0286	<0.000922	0.0382	<0.000922	0.0512	<0.000922	0.212	0.382	0.537
MW-10	12/08/09		<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0357	<0.000917	0.112	<0.000917	0.172	<0.000917	0.245	<0.000917	0.856	1.89	2.64
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/24/08		<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-11	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
P&A	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11R	11/02/20		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.0000160	<0.0000191	<0.0000270	<0.0000169	<0.0000158	<0.0000180	<0.0000169	<0.0000917	<0.0000687	<0.0000674
MW-11R	11/11/21		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184 J	<0.0000168	<0.0000184 J	<0.0000202 J	<0.0000179	<0.0000160 J	<0.0000191	<0.0000270	<0.0000169	<0.0000158 J	<0.0000180	<0.0000169	<0.0000917	<0.0000687	<0.0000674

Table 3

Summary of Groundwater PAH Compound Analytical Results
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Anthracene	Acenaphthene	Acenaphthylene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			0.001	0.001	0.001	0.001	0.0002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.03		
MW-12	11/24/08		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00145**	<0.000183	0.000696	<0.000183	<0.000183	<0.000183	**0.000648**	0.000372	<0.000183
MW-12	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.000706**	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.000615**	<0.000184	<0.000184
MW-12	12/01/11		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.000228**	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.000302**	<0.000183
P&A	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12R	12/01/17		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000368	---	---
MW-12R	11/29/18		<0.0000140	<0.0000100	<0.0000120	<0.00000410	<0.0000116	**0.00000214 J**	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000847 B J**	<0.0000157	<0.00000850	<0.0000148	**0.0000133 J**	<0.0000117	**0.0000307 J**	<0.00000821	<0.00000902
MW-12R	10/24/19		<0.0000140	<0.0000100	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.0000071 J**	<0.0000157	<0.0000085	<0.0000148	**0.00000922 J**	<0.0000117	**0.0000286 J**	**0.000015 J**	**0.0000132 J**
MW-15	11/24/08		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-15	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
P&A	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/24/08		**0.000888**	<0.000185	<0.000185	**0.000959**	**0.000847**	**0.000814**	**0.00102**	**0.000879**	**0.000958**	<0.000185	<0.000185	**0.0013**	**0.000417**	**0.0010**	**0.00076**	**0.0012**	<0.000185	**0.000216**	**0.000313**
MW-16	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
P&A	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16R	11/02/20		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.0000160	<0.0000191	<0.0000270	<0.0000169	<0.0000158	<0.0000180	<0.0000169	<0.0000917	<0.0000687	<0.0000674
MW-16R	11/11/21		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184 J3	<0.0000168	<0.0000184 J3	<0.0000202 J3	<0.0000179	<0.0000160 J3	<0.0000191	<0.0000270	<0.0000169	<0.0000158 J3	<0.0000180	<0.0000169	<0.0000917	<0.0000687	<0.0000674
MW-17	11/24/08		<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-17	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
P&A	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17R	12/11/14		<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-17R	12/04/15		<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198
MW-18	11/24/08		<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	**0.000216**	**0.000245**	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187
MW-18	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
P&A	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18R	12/01/17		<0.000184	<0.000184	<0.000184	**0.000257**	<0.000184	**0.000252**	**0.000298**	**0.000278**	**0.000250**	**0.000348**	<0.000184	**0.000286**	<0.000184	**0.000329**	<0.000184	**0.00029**	<0.000368	<0.000184	<0.000184
MW-18R	11/29/18		<0.0000140	<0.0000100	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000623 B J**	<0.0000157	<0.00000850	<0.0000148	**0.00000952 J**	<0.0000117	**0.000134 J**	**0.0000439 J**	**0.0000423 J**
MW-19	11/24/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-19	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
P&A	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19R	12/11/14		<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	**0.000930**	<0.000186	<0.000186	<0.000186	**0.00180**	<0.000186	<0.000186	**0.000330**	**0.000326**
MW-19R	12/04/15		<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197
MW-19R	11/04/16		<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	**0.000296**	<0.000185	<0.000185	<0.000185
MW-19R	11/29/18		<0.0000140	<0.0000100	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000399 B J**	<0.0000157	<0.00000850	<0.0000148	<0.00000820	<0.0000117	**0.000046 J**	<0.00000821	<0.00000902
MW-20	11/24/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-20	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
P&A	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20R	12/11/14		<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186
MW-20R	12/04/15		<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196
MW-21	11/24/08		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-21	12/07/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
P&A	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21R	11/02/20		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.0000160	<0.0000191	<0.0000270	<0.0000169	<0.0000158	<0.0000180	<0.0000169	<0.0000917	<0.0000687	<0.0000674
MW-21R	11/11/21		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184 J3	<0.0000168	<0.0000184 J3	<0.0000202 J3	<0.0000179	<0.0000160 J3	<0.0000191	<0.0000270	<0.0000169	<0.0000158 J3	<0.0000180	<0.0000169	<0.0000917	<0.0000687	<0.0000674
MW-22	12/01/17		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000368	---	---
MW-22	11/29/18		<0.0000140	<0.0000100	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000399 B J**	<0.0000157	<0.00000850	<0.0000148	<0.00000820	<0.0000117	**0.0000537 J**	<0.00000821	<0.00000902
MW-22	10/24/19		<0.0000140	<0.0000100	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000625 J**	<0.0000157	<0.00000850	<0.0000148	<0.00000820	<0.0000117	**0.0000362 J**	**0.0000126 J**	**0.0000132 J**

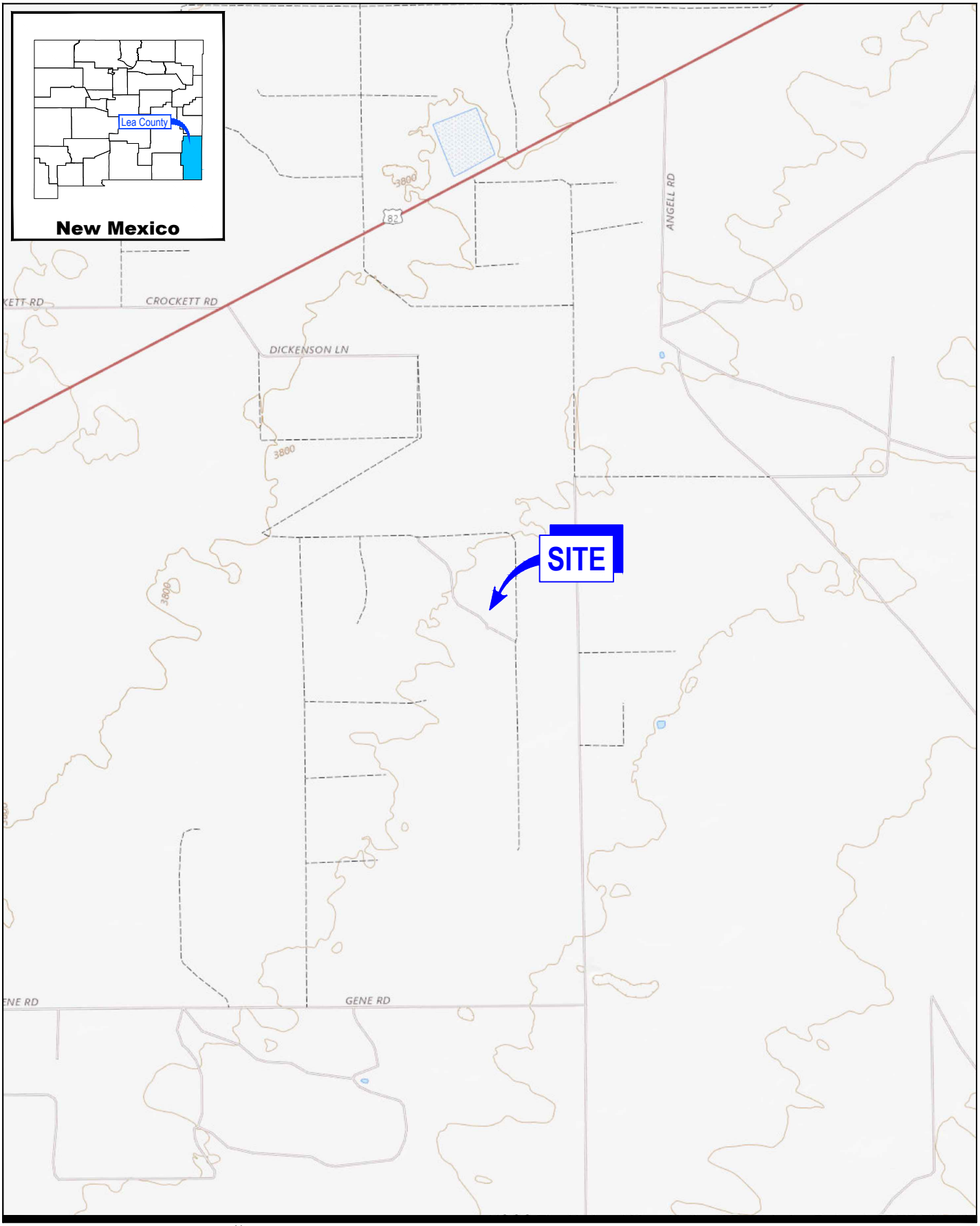
Table 3

Summary of Groundwater PAH Compound Analytical Results
Plains All American Pipeline, L.P.
Darr Angell No. 1
Darr Angell #1
Lea County, New Mexico
NMOCD Incident No: nAPP2108851028

Monitoring Well ID	Sample Date	Sample Type	Anthracene	Acenaphthene	Acenaphthylene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			0.001	0.001	0.001	0.001	0.0002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.03		
MW-24	11/02/20		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.0000160	<0.0000191	<0.0000270	<0.0000169	<0.0000158	<0.0000180	<0.0000169	<0.0000917	<0.0000687	<0.0000674
MW-24	11/11/21		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184 J	<0.0000168	<0.0000184 J	<0.0000202 J	<0.0000179	<0.0000160 J	<0.0000191	<0.0000270	<0.0000169	<0.0000158 J	<0.0000180	<0.0000169	<0.0000917	<0.0000687	<0.0000674
MW-25	11/02/20		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.0000160	<0.0000191	<0.0000270	<0.0000169	<0.0000158	<0.0000180	<0.0000169	<0.0000917	<0.0000687	<0.0000674
MW-25	11/11/21		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184 J	<0.0000168	<0.0000184 J	<0.0000202 J	<0.0000179	<0.0000160 J	<0.0000191	<0.0000270	<0.0000169	<0.0000158 J	<0.0000180	<0.0000169	<0.0000917	<0.0000687	<0.0000674
RW-2	12/08/09		<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	**0.0379**	<0.00184	**0.0964**	<0.00184	**0.162**	<0.00184	**0.256**	<0.00184	**0.798**	**1.74**	**2.60**
P&A	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	11/25/08		<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0218**	<0.000917	**0.0633**	<0.000917	**0.0966**	<0.000917	**0.129**	<0.000917	**0.400**	**0.888**	**1.31**
RW-3	12/08/09		<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	**0.0506**	<0.00183	**0.130**	<0.00183	**0.210**	<0.00183	**0.321**	<0.00183	**1.02**	**2.27**	**3.29**
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-4	12/08/09		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00224**	<0.000183	**0.00772**	<0.000183	**0.011**	<0.000183	**0.0161**	<0.000183	**0.0801**	**0.134**	**0.184**
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-5	11/25/08		<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.013**	<0.000917	**0.0218**	<0.000917	**0.0273**	<0.000917	**0.132**	**0.17**	**0.254**
RW-5	12/08/09		<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0166**	<0.000917	**0.0426**	<0.000917	**0.0726**	<0.000917	**0.105**	<0.000917	**0.338**	**0.726**	**1.07**
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-6	11/25/08		<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0286**	<0.000917	**0.0751**	<0.000917	**0.126**	<0.000917	**0.167**	<0.000917	**0.564**	**1.33**	**1.93**
RW-6	12/08/09		<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.0110**	<0.000922	**0.0180**	<0.000922	**0.0330**	<0.000922	**0.0456**	<0.000922	**0.175**	**0.327**	**0.462**
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-7	11/25/08		<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.0254**	<0.000922	**0.0709**	<0.000922	**0.106**	<0.000922	**0.143**	<0.000922	**0.477**	**1.07**	**1.55**
RW-7	12/08/09		<0.00862	<0.00862	<0.00862	<0.00862	<0.00862	<0.00862	<0.00862	<0.00862	**0.191**	<0.00862	**0.0531**	<0.00862	**0.844**	<0.00862	**1.28**	<0.00862	**3.95**	**9.15**	**13.1**
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-8	11/25/08		<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	**0.214**	<0.00459	**0.342**	<0.00459	**0.436**	<0.00459	**1.17**	**2.87**	**4.15**
RW-8	12/08/09		<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	**0.116**	<0.00461	**0.294**	<0.00461	**0.480**	<0.00461	**0.704**	<0.00461	**2.16**	**5.04**	**7.19**
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-9	11/25/08		<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0488**	<0.000917	**0.064**	<0.000917	**0.0838**	<0.000917	**0.294**	**0.587**	**0.841**
RW-9	12/08/09		<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	**0.0186**	<0.00183	**0.0576**	<0.00183	**0.0795**	<0.00183	**0.117**	<0.00183	**0.402**	**0.890**	**1.24**
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-10	12/08/09		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00344**	<0.000183	0.00496	<0.000183	**0.00643**	<0.000183	**0.0478**	**0.0674**	**0.0898**
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-11	11/25/08		<0.000917	**0.0062**	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0105**	<0.000917	**0.0269**	<0.000917	**0.0426**	<0.000917	**0.0571**	<0.000917	**0.145**	**0.322**	**0.441**
LNAPL	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-12	12/01/17		<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000364	---	---
RW-12	11/29/18		<0.0000140	<0.0000100	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000538 B J**	<0.0000157	<0.00000850	<0.0000148	<0.00000820	<0.0000117	**0.000138 J**	**0.0000167 J**	<0.00000902
RW-12	11/12/19		<0.00000800	<0.0000100	<0.00000700	**0.0000120 J**	<0.0000158	**0.00000573 J**	**0.00000505 J**	<0.0000255	<0.0000144	<0.00000454	**0.00000221 J**	<0.0000165	<0.00000898	<0.00000739	<0.0000184	<0.0000155	**0.0000393 J**	<0.0000189	<0.0000155

Notes:

1. Polycyclic Aromatic Hydrocarbons (PAH) analysis by Environmental Protection Agency (EPA) Method SW846-8270C-SIM
2. All results reported as mg/L- milligrams per Liter
3. < - not detected above the Sample Detection Limit
4. J - Denotes an estimated concentration detected above the Sample Detection Limit and below the Method Quantitation Limit
5. Yellow shaded cells indicate results exceeding NMWQCC groundwater regulatory limit
6. Bold font Indicates laboratory detection
7. P&A - Denotes the monitoring well has been plugged and abandoned
8. Green shaded cells indicate results meeting EPA and NMWQCC regulatory requirement of 2 consecutive years of PAH compounds below the regulatory limit
9. Regulatory standards of 0.001 mg/L noted above are requirements of the NMOCD. Other standards are required by NMAC 20.6.2.3103 Section A
10. Nova Training and Environmental collected samples dated between 2008 and 2010



PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #1
NMOCD AP-007

Project No. **12604521**
Date **March 2024**

SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604521\Digital_Design\ACAD\Figures\GWR 2023\12604521-GHD-00-00-RPT-EN-D101_DL-2023.dwg
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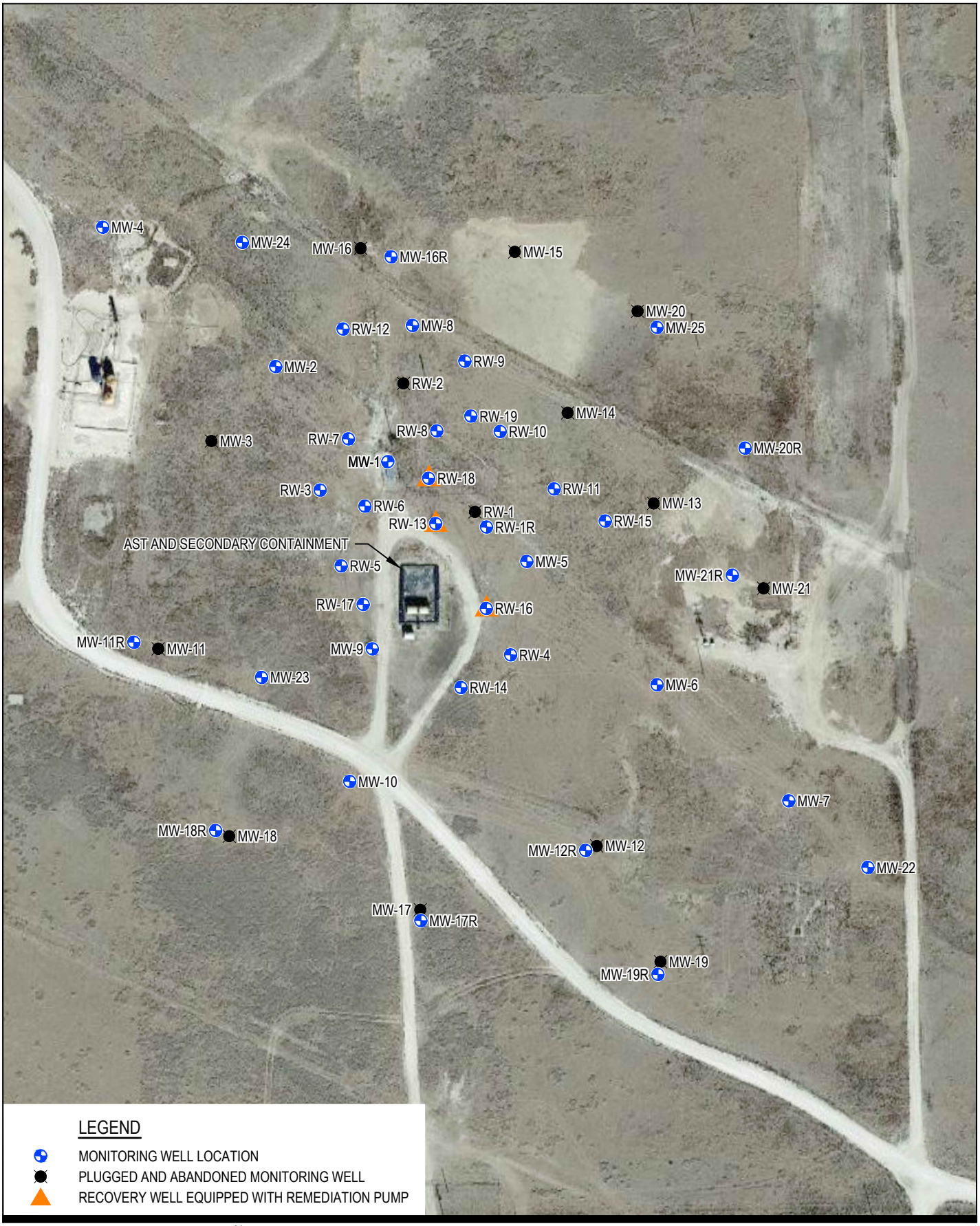

0 75 150 ft

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

N

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PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #1
NMOCD AP-007

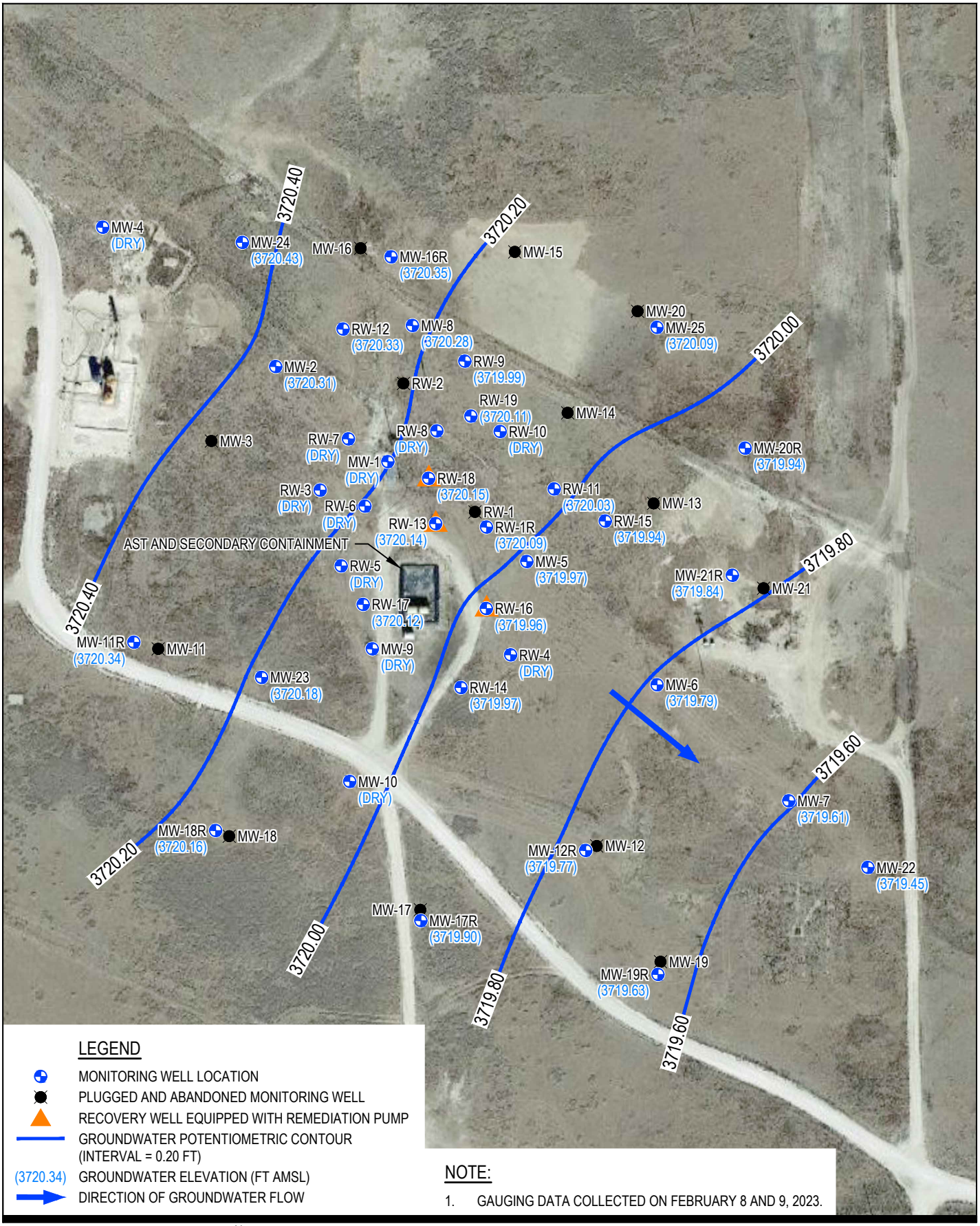
Project No. **12604521**
Date **March 2024**

SITE DETAILS MAP

FIGURE 2

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604521\Digital_Design\ACAD\Figures\GWR 2023\12604521-GHD-00-00-RPT-EN-D101_DL-2023.dwg
Plot Date: 01 March 2024 11:21 AM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0266° North, 103.1666° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.20 FT)
- (3720.34) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. GAUGING DATA COLLECTED ON FEBRUARY 8 AND 9, 2023.

0 75 150 ft

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

N

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PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #1
NMOCD AP-007

POTENTIOMETRIC SURFACE MAP (FEBRUARY 2023)

Project No. **12604521**
Date **March 2024**

FIGURE 3

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604521\Digital_Design\ACAD\Figures\GWR 2023\12604521-GHD-00-00-RPT-EN-D101_DL-2023.dwg
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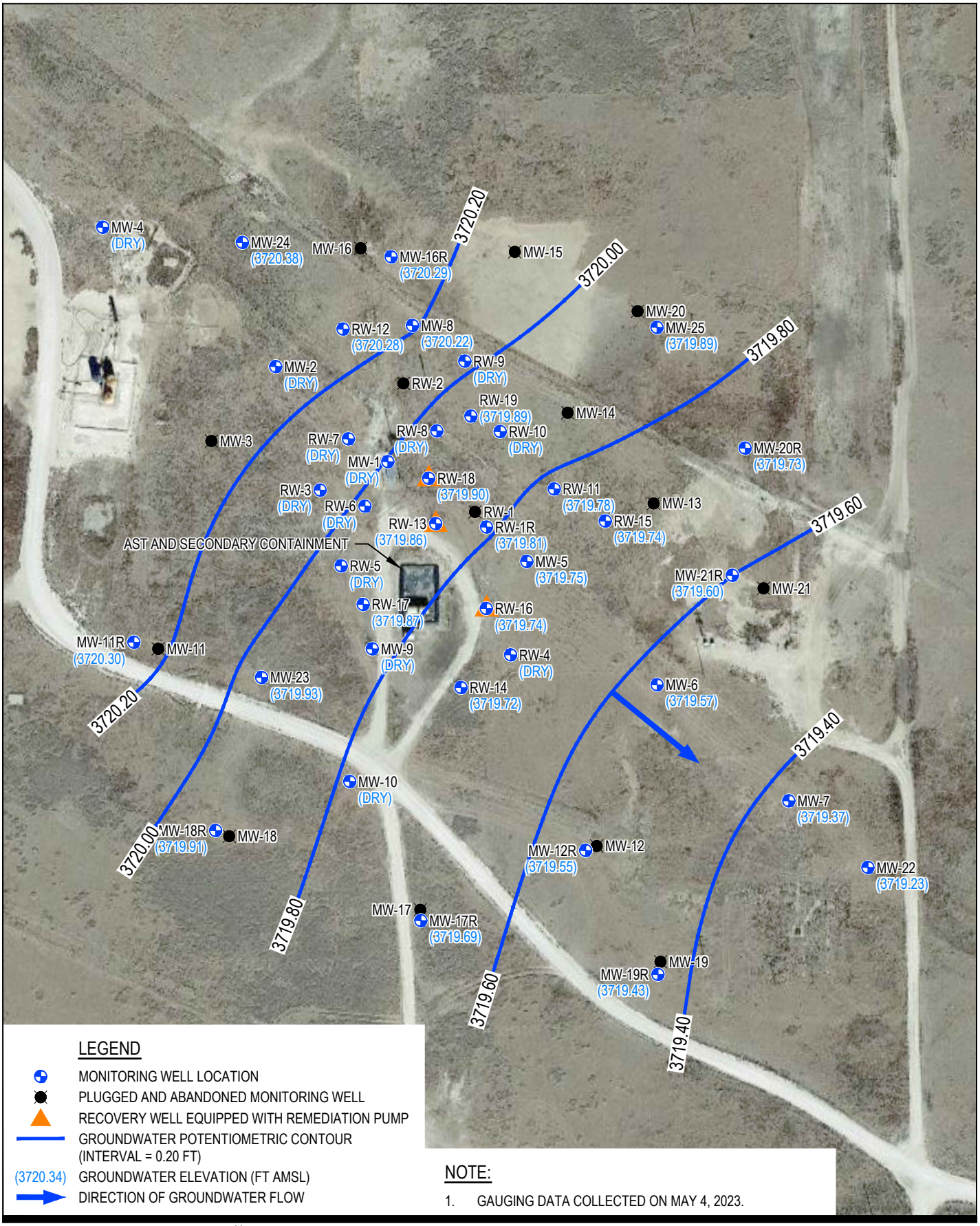

LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.20 FT)
- (3720.34) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. GAUGING DATA COLLECTED ON MAY 4, 2023.

0 75 150 ft

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

N

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PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #1
NMOCD AP-007

POTENTIOMETRIC SURFACE MAP (MAY 2023)

Project No. **12604521**
Date **March 2024**

FIGURE 4

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604521\Digital_Design\ACAD\Figures\GWR 2023\12604521-GHD-00-00-RPT-EN-D102_DL-2023.dwg
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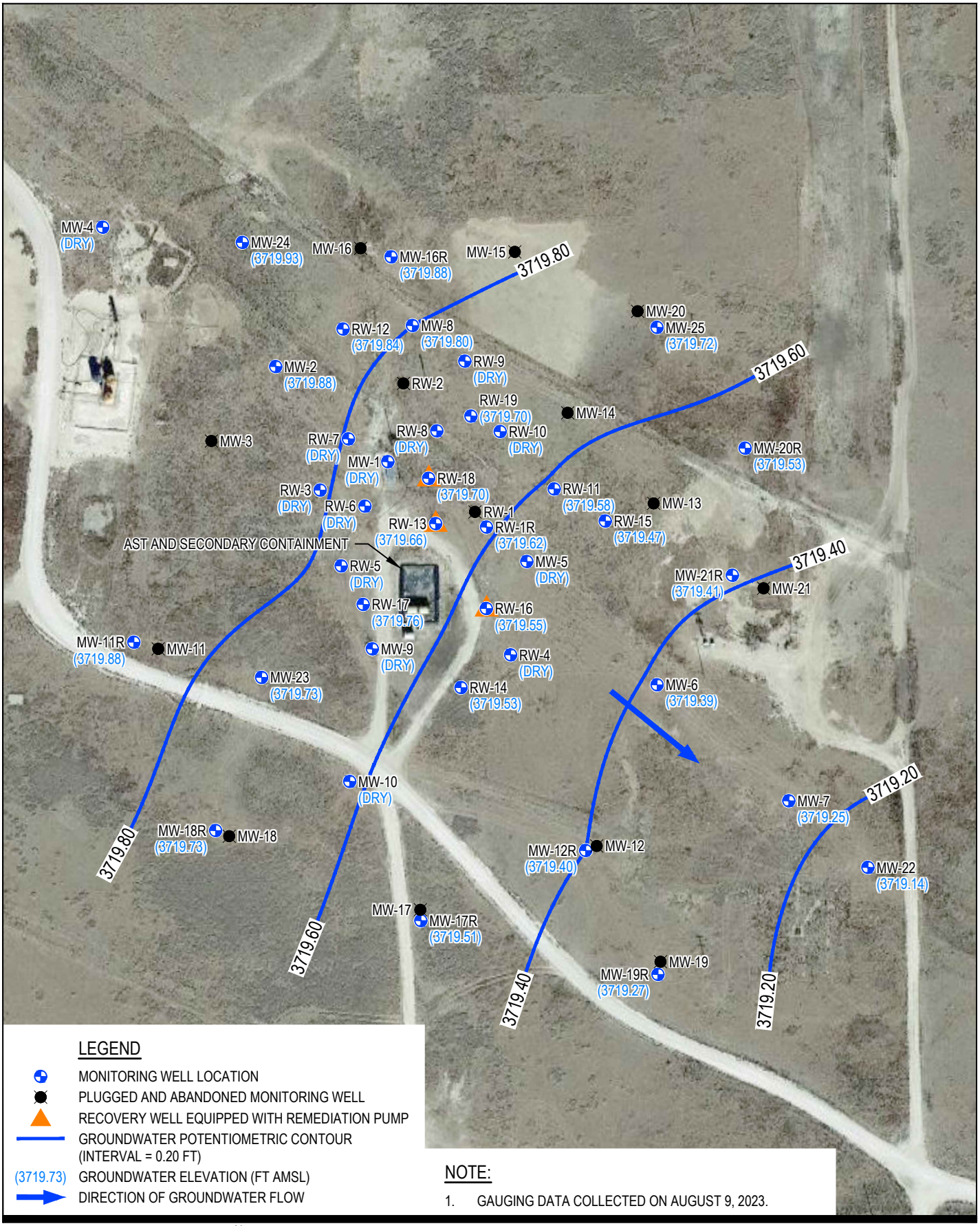

LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.20 FT)
- (3719.73) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. GAUGING DATA COLLECTED ON AUGUST 9, 2023.

0 75 150 ft

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

N

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #1
NMOCD AP-007

POTENTIOMETRIC SURFACE MAP (AUGUST 2023)

Project No. **12604521**
Date **March 2024**

FIGURE 5

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604521\Digital_Design\ACAD\Figures\GWR 2023\12604521-GHD-00-00-RPT-EN-D103_DL-2023.dwg
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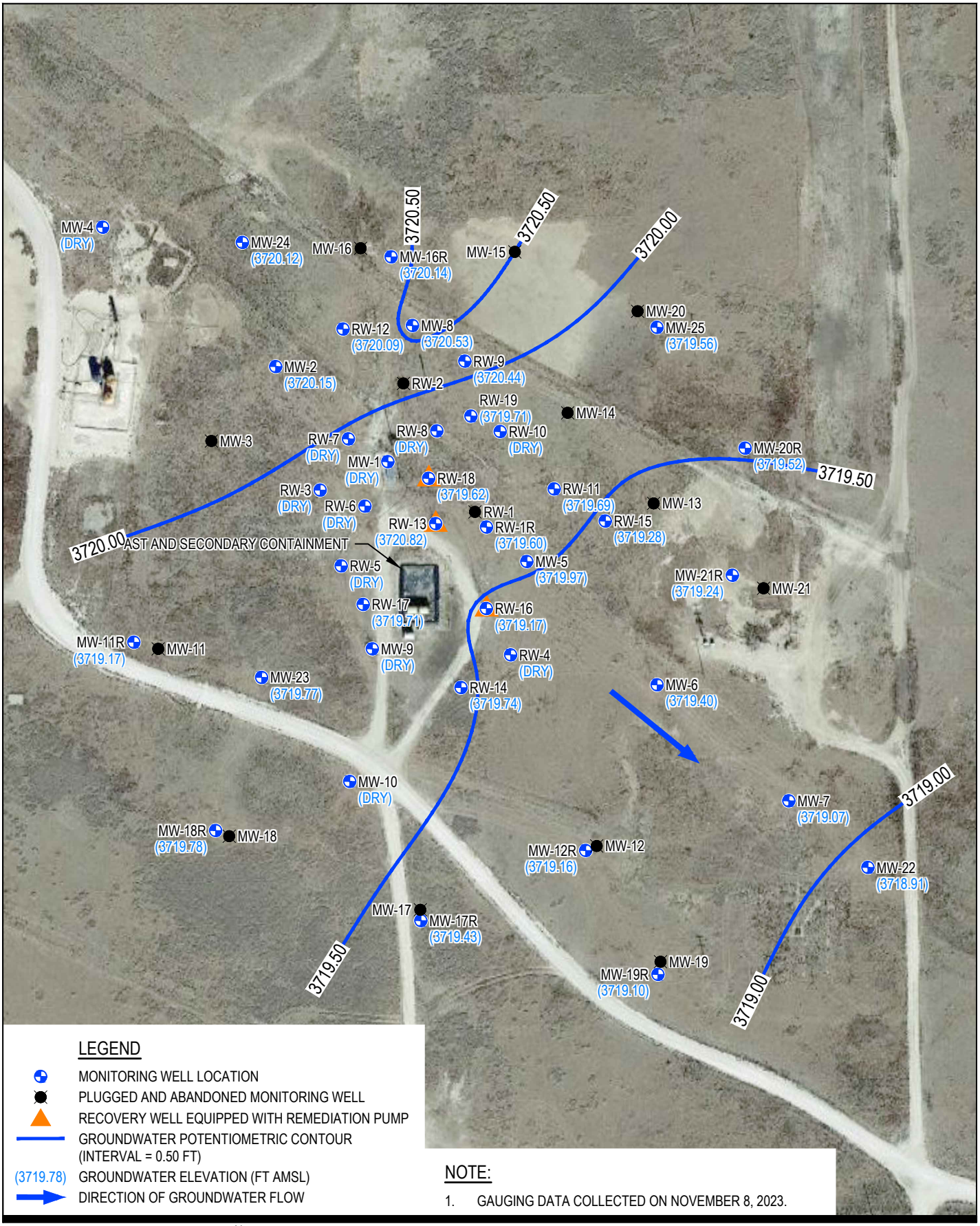

LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.50 FT)
- (3719.78) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. GAUGING DATA COLLECTED ON NOVEMBER 8, 2023.

0 75 150 ft

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

N

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #1
NMOCD AP-007

POTENTIOMETRIC SURFACE MAP (NOVEMBER 2023)

Project No. **12604521**
Date **March 2024**

FIGURE 6

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604521\Digital_Design\ACAD\Figures\GWR 2023\12604521-GHD-00-00-RPT-EN-D104_DL-2023.dwg
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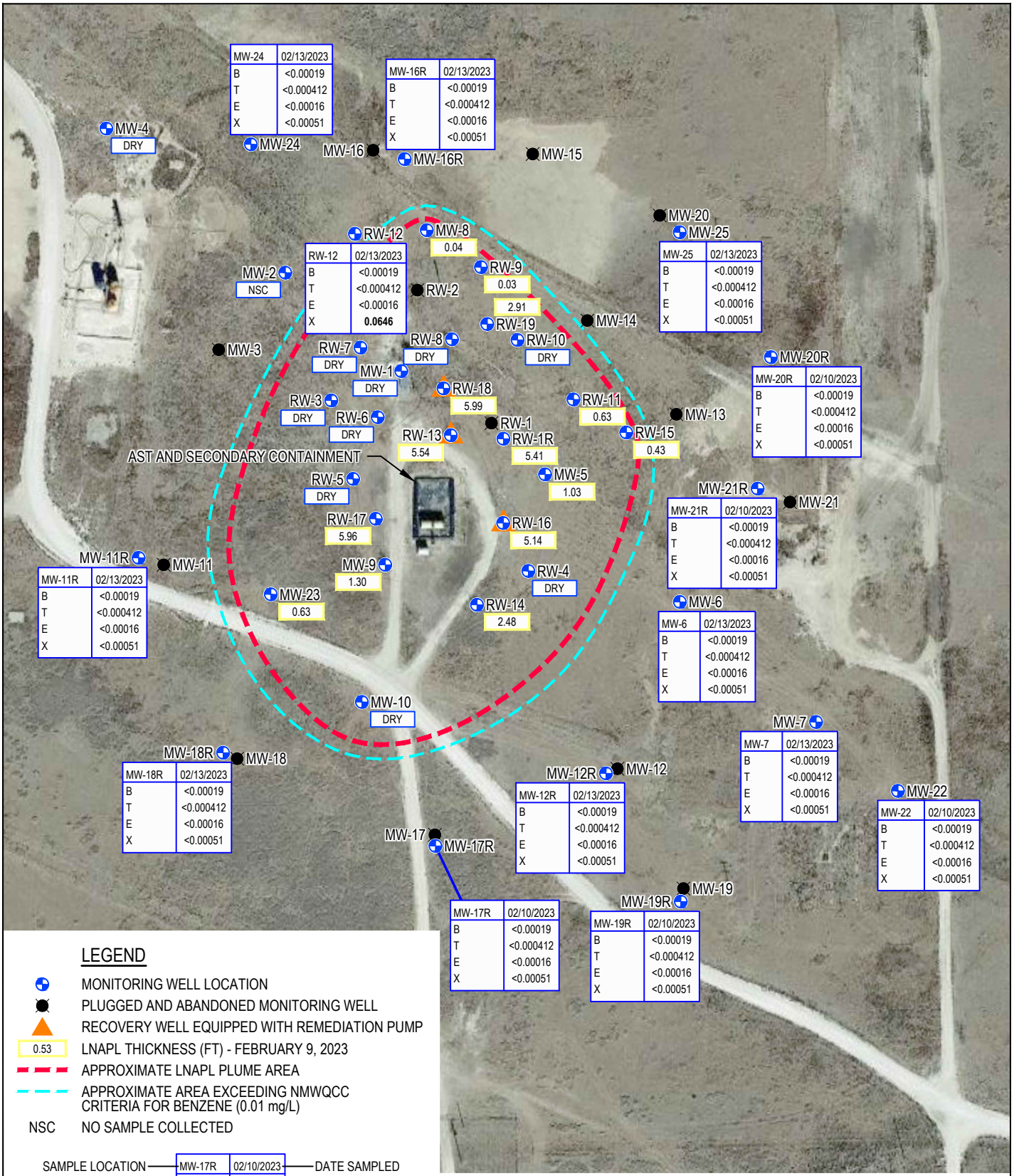

LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- 0.53 — LNAPL THICKNESS (FT) - FEBRUARY 9, 2023
- APPROXIMATE LNAPL PLUME AREA
- APPROXIMATE AREA EXCEEDING NMWQCC CRITERIA FOR BENZENE (0.01 mg/L)
- NSC — NO SAMPLE COLLECTED

SAMPLE LOCATION	MW-17R	02/10/2023	DATE SAMPLED
BENZENE	B	<0.00019	RESULT (mg/L)
TOLUENE	T	<0.000412	
ETHYLBENZENE	E	<0.00016	
XYLENES	X	<0.00051	

NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON FEBRUARY 10 AND 13, 2023.
2. BOLD INDICATES LABORATORY DETECTION.

0 75 150 ft

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

N

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PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #1
NMOCD AP-007

COC CONCENTRATIONS IN GROUNDWATER MAP (FEBRUARY 2023)

Project No. **12604521**
Date **March 2024**

FIGURE 7

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604521\Digital_Design\ACAD\Figures\GWR 2023\12604521-GHD-00-00-RPT-EN-D101_DL-2023.dwg
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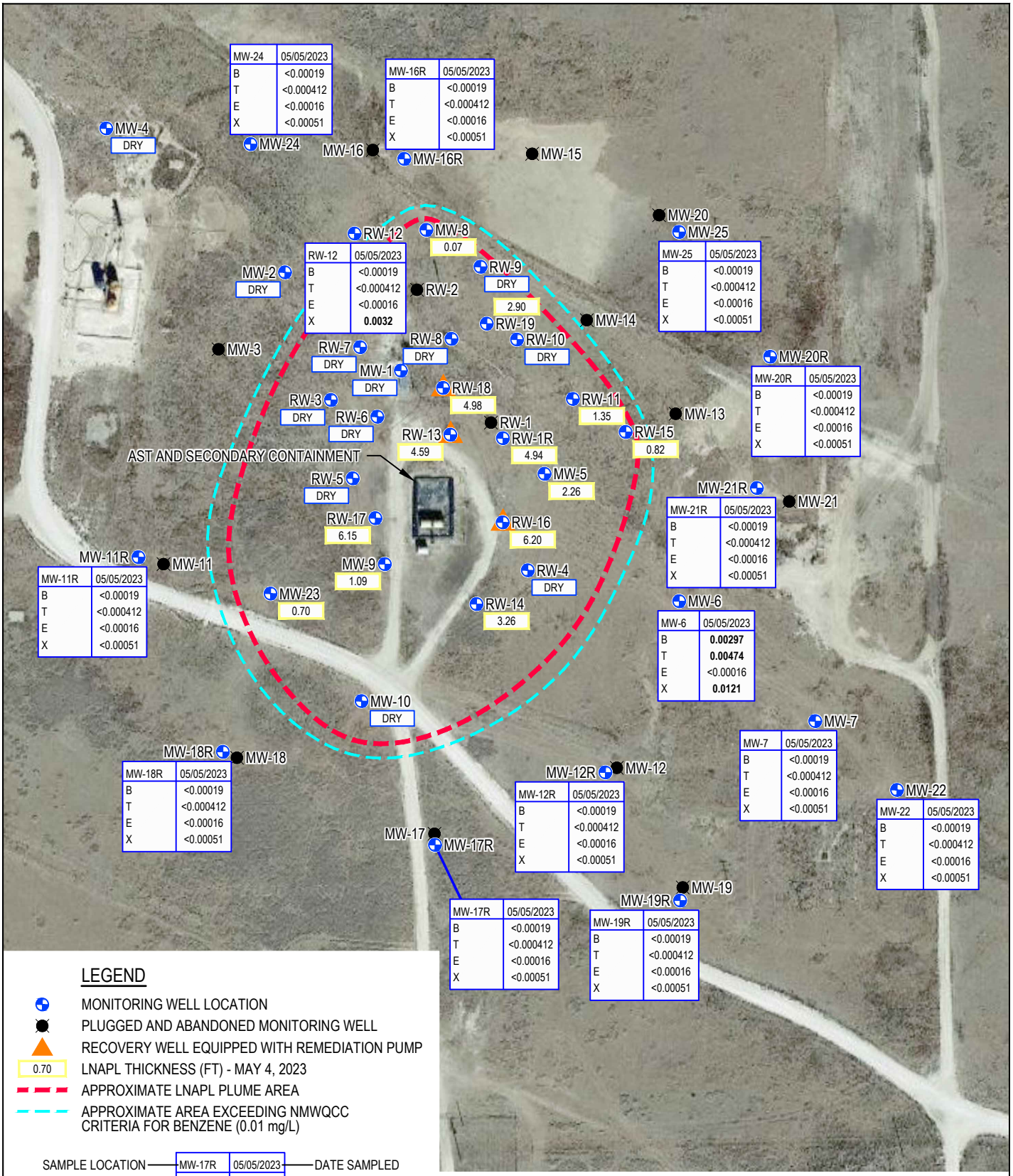


LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- 0.70 LNAPL THICKNESS (FT) - MAY 4, 2023
- APPROXIMATE LNAPL PLUME AREA
- APPROXIMATE AREA EXCEEDING NMWQCC CRITERIA FOR BENZENE (0.01 mg/L)

SAMPLE LOCATION	MW-17R	05/05/2023	DATE SAMPLED
BENZENE	B	<0.00019	RESULT (mg/L)
TOLUENE	T	<0.000412	
ETHYLBENZENE	E	<0.00016	
XYLENES	X	<0.00051	

NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON MAY 5, 2023.
2. BOLD INDICATES LABORATORY DETECTION.

0 75 150 ft

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

N

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #1
NMOCD AP-007

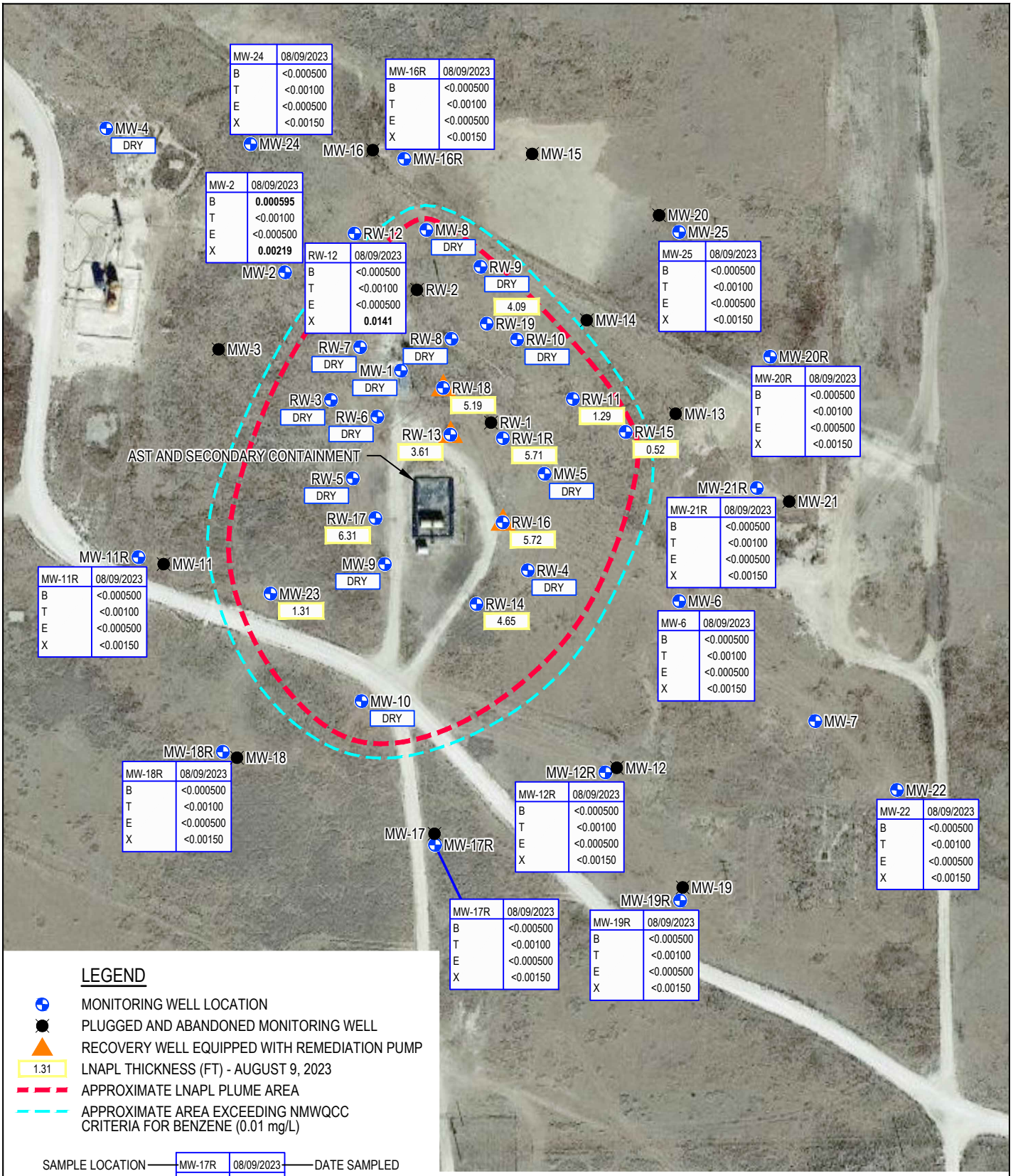
COC CONCENTRATIONS IN GROUNDWATER MAP (MAY 2023)

Project No. **12604521**
Date **March 2024**

FIGURE 8

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604521\Digital_Design\ACAD\Figures\GWR 2023\12604521-GHD-00-00-RPT-EN-D102_DL-2023.dwg
Plot Date: 01 March 2024 11:19 AM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0266° North, 103.1666° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- 1.31 — LNAPL THICKNESS (FT) - AUGUST 9, 2023
- APPROXIMATE LNAPL PLUME AREA
- APPROXIMATE AREA EXCEEDING NMWQCC CRITERIA FOR BENZENE (0.01 mg/L)

SAMPLE LOCATION	MW-17R	08/09/2023	DATE SAMPLED
BENZENE	B	<0.000500	RESULT (mg/L)
TOLUENE	T	<0.00100	
ETHYLBENZENE	E	<0.000500	
XYLENES	X	<0.00150	

NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON AUGUST 9, 2023.
2. BOLD INDICATES LABORATORY DETECTION.

0 75 150 ft

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

N

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #1
NMOCD AP-007

COC CONCENTRATIONS IN GROUNDWATER MAP (AUGUST 2023)

Project No. **12604521**
Date **March 2024**

FIGURE 9

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604521\Digital_Design\ACAD\Figures\GWR 2023\12604521-GHD-00-00-RPT-EN-D103_DL-2023.dwg
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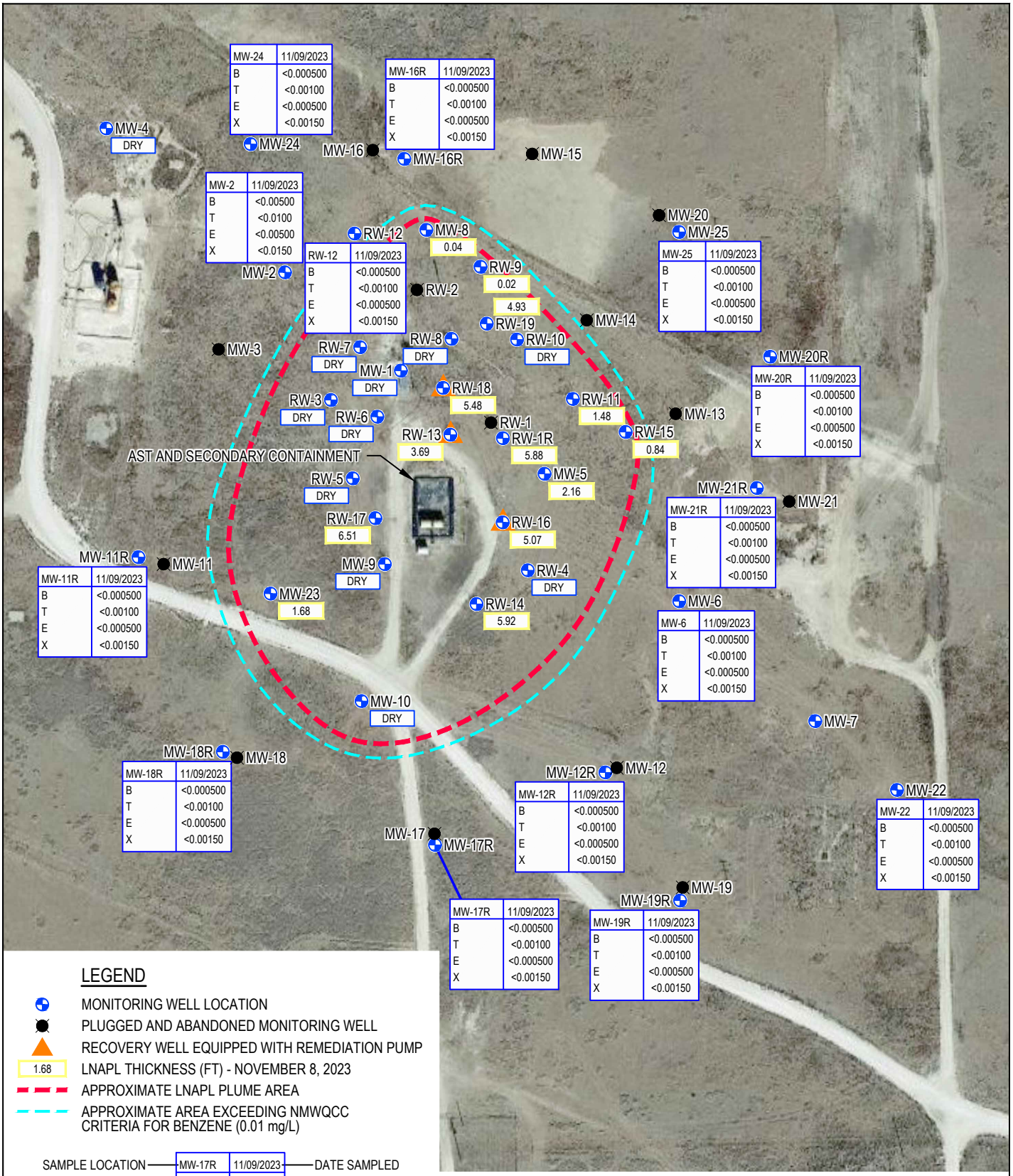
Lat/Long: 33.0266° North, 103.1666° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- RECOVERY WELL EQUIPPED WITH REMEDIATION PUMP
- 1.68 — LNAPL THICKNESS (FT) - NOVEMBER 8, 2023
- APPROXIMATE LNAPL PLUME AREA
- APPROXIMATE AREA EXCEEDING NMWQCC CRITERIA FOR BENZENE (0.01 mg/L)

	MW-17R	11/09/2023
BENZENE	B	<0.000500
TOLUENE	T	<0.00100
ETHYLBENZENE	E	<0.000500
XYLENES	X	<0.00150

SAMPLE LOCATION — DATE SAMPLED — RESULT (mg/L)

NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON NOVEMBER 8, 2023.
2. BOLD INDICATES LABORATORY DETECTION.

0 75 150 ft

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

N

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #1
NMOCD AP-007

COC CONCENTRATIONS IN GROUNDWATER MAP (NOVEMBER 2023)

Project No. **12604521**
Date **March 2024**

FIGURE 10

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604521\Digital_Design\ACAD\Figures\GWR 2023\12604521-GHD-00-00-RPT-EN-D104_DL-2023.dwg
Plot Date: 01 March 2024 11:18 AM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0266° North, 103.1666° West

Appendices

Appendix A

Release Notification and Corrective Action, Form C-141

1 [illegible] Hwy.
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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

STATE Byrd LF-1999-59

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

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	Mineral Owner	Lease No.
State of New Mexico		

LOCATION OF RELEASE

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

NATURE OF RELEASE

Type of Release: Crude oil	Volume of Release: 260 bbls / Volume Recovered: 200 bbls
Source of Release: Crude oil pipeline	Date and Hour of Occurrence: 7/18/99 1pm / Date and Hour of Discovery: 7/18/99 1 PM
Was Immediate Notice Given? ☑ Yes ☐ No ☐ Not Required	If YES, To Whom? Chris Williams
By Whom? Lennah Frost	Date and Hour: 7/18/99 - 2:30p
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse:

If a Watercourse 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)
Spill 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 NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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:
Title: Sr. ENV. ENG	Approval Date: / Expiration Date:
Date: 7-20-99 Phone: 915/6843467	Conditions of Approval: / Attached ☐

Appendix B

Certified Laboratory Analytical Reports

ANALYTICAL REPORT

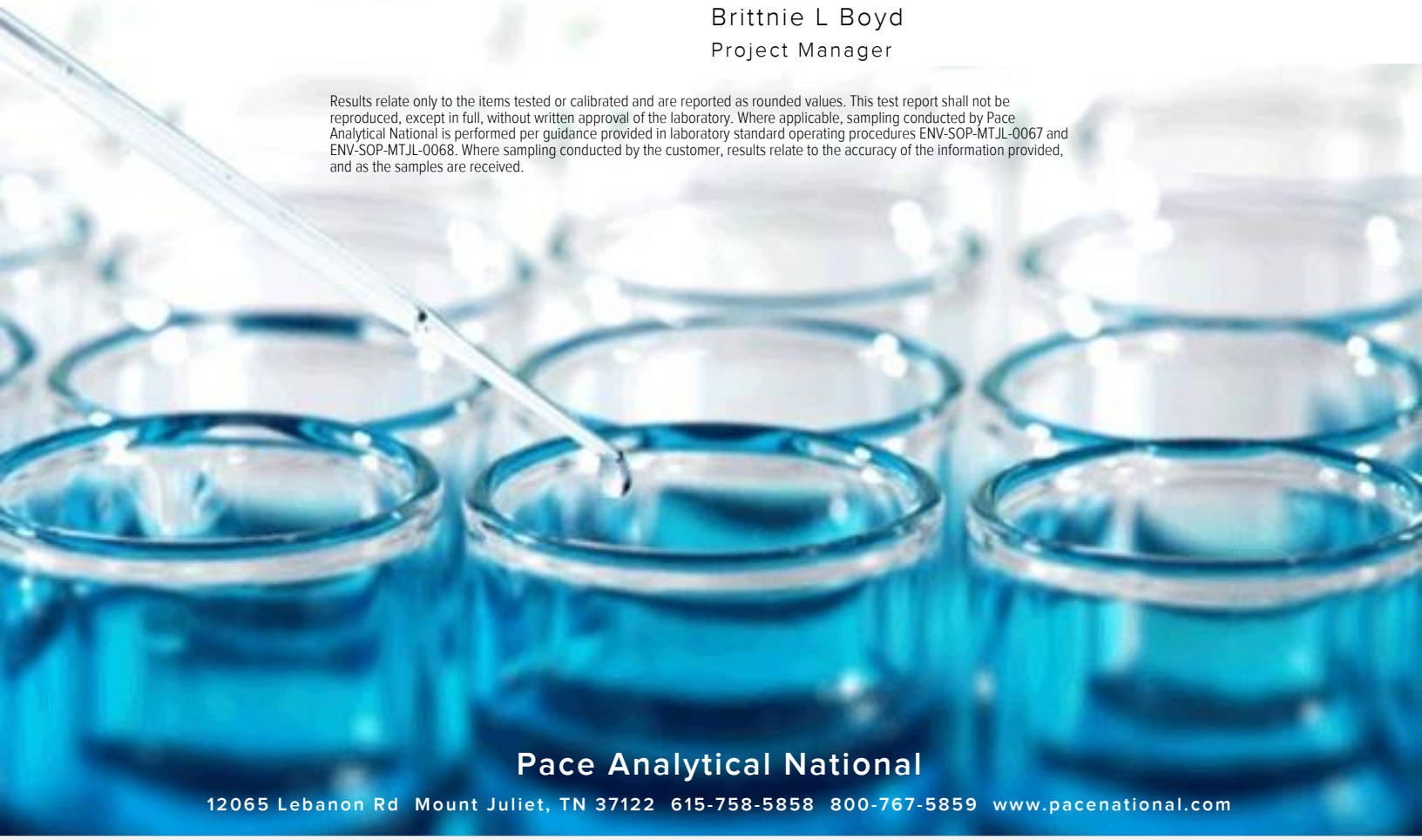
February 23, 2023

Plains All American, LP - GHD

Sample Delivery Group:	L1587266
Samples Received:	02/18/2023
Project Number:	SRS DARR ANGELL #1
Description:	Plains/Darr Angell No. 1
Site:	SRS DARR ANGELL #1
Report To:	John Fergerson 2135 S Loop 250 W Midland, TX 79703

Entire Report Reviewed By:

Brittnie L Boyd
Project Manager



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

TABLE OF CONTENTS

D1-MW-17R-021023 L1587266-01 GW

			Collected by	Collected date/time	Received date/time	
				02/10/23 13:30	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 00:21	02/21/23 00:21	KSD	Mt. Juliet, TN

D1-MW-19R-021023 L1587266-02 GW

			Collected by	Collected date/time	Received date/time	
				02/10/23 14:00	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 00:43	02/21/23 00:43	KSD	Mt. Juliet, TN

D1-MW-22-021023 L1587266-03 GW

			Collected by	Collected date/time	Received date/time	
				02/10/23 14:15	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 01:14	02/21/23 01:14	KSD	Mt. Juliet, TN

D1-MW-21R-021023 L1587266-04 GW

			Collected by	Collected date/time	Received date/time	
				02/10/23 14:45	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 01:36	02/21/23 01:36	KSD	Mt. Juliet, TN

D1-MW-20R-021023 L1587266-05 GW

			Collected by	Collected date/time	Received date/time	
				02/10/23 15:00	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 01:58	02/21/23 01:58	KSD	Mt. Juliet, TN

D1-MW-25-021323 L1587266-06 GW

			Collected by	Collected date/time	Received date/time	
				02/13/23 11:15	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 02:20	02/21/23 02:20	KSD	Mt. Juliet, TN

D1-MW-16R-021323 L1587266-07 GW

			Collected by	Collected date/time	Received date/time	
				02/13/23 12:00	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 02:42	02/21/23 02:42	KSD	Mt. Juliet, TN

D1-MW-24-021323 L1587266-08 GW

			Collected by	Collected date/time	Received date/time	
				02/13/23 12:15	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 03:04	02/21/23 03:04	KSD	Mt. Juliet, TN

D1-MW-18R-021323 L1587266-09 GW

			Collected by	Collected date/time	Received date/time	
				02/13/23 13:30	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 03:26	02/21/23 03:26	KSD	Mt. Juliet, TN

D1-MW-11R-021323 L1587266-10 GW

			Collected by	Collected date/time	Received date/time	
				02/13/23 14:00	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 03:48	02/21/23 03:48	KSD	Mt. Juliet, TN

D1-MW-12-021323 L1587266-11 GW

			Collected by	Collected date/time	Received date/time	
				02/13/23 15:00	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 04:11	02/21/23 04:11	KSD	Mt. Juliet, TN

D1-MW-7-021323 L1587266-12 GW

			Collected by	Collected date/time	Received date/time	
				02/13/23 15:20	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 04:33	02/21/23 04:33	KSD	Mt. Juliet, TN

D1-MW-6-021323 L1587266-13 GW

			Collected by	Collected date/time	Received date/time	
				02/13/23 15:30	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 04:55	02/21/23 04:55	KSD	Mt. Juliet, TN

D1-MW-12R-021323 L1587266-14 GW

			Collected by	Collected date/time	Received date/time	
				02/13/23 16:15	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 05:17	02/21/23 05:17	KSD	Mt. Juliet, TN

D1-DUP2-021323 L1587266-15 GW

			Collected by	Collected date/time	Received date/time	
				02/13/23 00:00	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 05:39	02/21/23 05:39	KSD	Mt. Juliet, TN

D1-DUP1-021323 L1587266-16 GW

			Collected by	Collected date/time	Received date/time	
				02/13/23 00:00	02/18/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/21/23 06:01	02/21/23 06:01	KSD	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1587266-17 GW

Collected by	Collected date/time	Received date/time
	02/13/23 00:00	02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2009602	1	02/20/23 22:22	02/20/23 22:22	KSD	Mt. Juliet, TN

CASE NARRATIVE

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

Revised May 2010

Laboratory Data Package Cover Page

This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

R1 - Field chain-of-custody documentation;

R2 - Sample identification cross-reference;

R3 - Test reports (analytical data sheets) for each environmental sample that includes:

a. Items consistent with NELAC Chapter 5,

b. dilution factors,

c. preparation methods,

d. cleanup methods, and

e. if required for the project, tentatively identified compounds (TICs).

R4 - Surrogate recovery data including:

a. Calculated recovery (%R), and

b. The laboratory's surrogate QC limits.

R5 - Test reports/summary forms for blank samples;

R6 - Test reports/summary forms for laboratory control samples (LCSs) including:

a. LCS spiking amounts,

b. Calculated %R for each analyte, and

c. The laboratory's LCS QC limits.

R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a. Samples associated with the MS/MSD clearly identified,

b. MS/MSD spiking amounts,

c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d. Calculated %Rs and relative percent differences (RPDs), and

e. The laboratory's MS/MSD QC limits

R8 - Laboratory analytical duplicate (if applicable) recovery and precision:

a. The amount of analyte measured in the duplicate,

b. The calculated RPD, and

c. The laboratory's QC limits for analytical duplicates.

R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

R10 - Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Brittnie L Boyd

Project Manager

Revised May 2010

Laboratory Review Checklist: Reportable Data

Laboratory Name: Pace Analytical National	LRC Date: 02/23/2023 13:50
Project Name: Plains/Darr Angell No. 1	Laboratory Job Number: L1587266-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16 and 17
Reviewer Name: Brittnie L Boyd	Prep Batch Number(s): WG2009602

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	Chain-of-custody (C-O-C)					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	Sample and quality control (QC) identification					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	Test reports					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, are TICs reported?			X		
R4	O	Surrogate recovery data					
		Were surrogates added prior to extraction?	X				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	Test reports/summary forms for blank samples					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	Laboratory control samples (LCS):					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	Analytical duplicate data					
		Were appropriate analytical duplicates analyzed for each matrix?			X		
		Were analytical duplicates analyzed at the appropriate frequency?			X		
		Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	Method quantitation limits (MQLs):					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	Other problems/anomalies					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Revised May 2010

Laboratory Review Checklist: Supporting Data

Laboratory Name: Pace Analytical National	LRC Date: 02/23/2023 13:50
Project Name: Plains/Darr Angell No. 1	Laboratory Job Number: L1587266-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16 and 17
Reviewer Name: Brittnie L Boyd	Prep Batch Number(s): WG2009602

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	Initial calibration (ICAL)					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	Mass spectral tuning					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	Internal standards (IS)					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	Raw data (NELAC Section 5.5.10)					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	Dual column confirmation					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	Tentatively identified compounds (TICs)					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	Interference Check Sample (ICS) results					
		Were percent recoveries within method QC limits?			X		
S9	I	Serial dilutions, post digestion spikes, and method of standard additions					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	Method detection limit (MDL) studies					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	Proficiency test reports					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	Standards documentation					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	Compound/analyte identification procedures					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	Demonstration of analyst competency (DOC)					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	Verification/validation documentation for methods (NELAC Chapter 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	Laboratory standard operating procedures (SOPs)					
		Are laboratory SOPs current and on file for each method performed	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Revised May 2010

Laboratory Review Checklist: Exception Reports

Laboratory Name: Pace Analytical National	LRC Date: 02/23/2023 13:50
Project Name: Plains/Darr Angell No. 1	Laboratory Job Number: L1587266-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16 and 17
Reviewer Name: Brittnie L Boyd	Prep Batch Number(s): WG2009602

ER #[1]	Description
	The Exception Report intentionally left blank, there are no exceptions applied to this SDG.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 00:21	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 00:21	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 00:21	WG2009602
Total Xylene	U		0.000510	0.00150	0.00150	1	02/21/2023 00:21	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*98.6*				*79.0-125*		*02/21/2023 00:21*	WG2009602

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 00:43	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 00:43	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 00:43	WG2009602
Total Xylene	U		0.000510	0.00150	0.00150	1	02/21/2023 00:43	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*98.7*				*79.0-125*		*02/21/2023 00:43*	WG2009602

D1-MW-22-021023
Collected date/time: 02/10/23 14:15
L1587266

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 01:14	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 01:14	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 01:14	WG2009602
Total Xylene	U		0.000510	0.00150	0.00150	1	02/21/2023 01:14	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*98.4*				*79.0-125*		*02/21/2023 01:14*	WG2009602

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 01:36	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 01:36	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 01:36	WG2009602
Total Xylene	0.000510	J	0.000510	0.00150	0.00150	1	02/21/2023 01:36	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*99.1*				*79.0-125*		*02/21/2023 01:36*	WG2009602

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

D1-MW-20R-021023
Collected date/time: 02/10/23 15:00

L1587266

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 01:58	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 01:58	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 01:58	WG2009602
Total Xylene	U		0.000510	0.00150	0.00150	1	02/21/2023 01:58	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*98.6*				*79.0-125*		*02/21/2023 01:58*	WG2009602

D1-MW-23-021323
Collected date/time: 02/13/23 11:15
L1587266

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 02:20	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 02:20	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 02:20	WG2009602
Total Xylene	0.000511	J	0.000510	0.00150	0.00150	1	02/21/2023 02:20	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*97.9*				*79.0-125*		*02/21/2023 02:20*	WG2009602

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

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 02:42	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 02:42	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 02:42	WG2009602
Total Xylene	0.000551	J	0.000510	0.00150	0.00150	1	02/21/2023 02:42	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*99.6*				*79.0-125*		*02/21/2023 02:42*	WG2009602

D1-MW-24-021323
Collected date/time: 02/13/23 12:15
L1587266

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 03:04	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 03:04	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 03:04	WG2009602
Total Xylene	U		0.000510	0.00150	0.00150	1	02/21/2023 03:04	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*99.3*				*79.0-125*		*02/21/2023 03:04*	WG2009602

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 03:26	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 03:26	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 03:26	WG2009602
Total Xylene	U		0.000510	0.00150	0.00150	1	02/21/2023 03:26	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*100*				*79.0-125*		*02/21/2023 03:26*	WG2009602

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 03:48	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 03:48	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 03:48	WG2009602
Total Xylene	0.000527	J	0.000510	0.00150	0.00150	1	02/21/2023 03:48	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*98.4*				*79.0-125*		*02/21/2023 03:48*	WG2009602

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 04:11	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 04:11	WG2009602
Ethylbenzene	0.000310	J	0.000160	0.000500	0.000500	1	02/21/2023 04:11	WG2009602
Total Xylene	0.0646		0.000510	0.00150	0.00150	1	02/21/2023 04:11	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*99.1*				*79.0-125*		*02/21/2023 04:11*	WG2009602

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 04:33	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 04:33	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 04:33	WG2009602
Total Xylene	U		0.000510	0.00150	0.00150	1	02/21/2023 04:33	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*98.6*				*79.0-125*		*02/21/2023 04:33*	WG2009602

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 04:55	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 04:55	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 04:55	WG2009602
Total Xylene	0.000554	J	0.000510	0.00150	0.00150	1	02/21/2023 04:55	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*99.3*				*79.0-125*		*02/21/2023 04:55*	WG2009602

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 05:17	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 05:17	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 05:17	WG2009602
Total Xylene	0.000542	J	0.000510	0.00150	0.00150	1	02/21/2023 05:17	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*99.6*				*79.0-125*		*02/21/2023 05:17*	WG2009602

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	0.000500	1	02/21/2023 05:39	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 05:39	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 05:39	WG2009602
Total Xylene	U		0.000510	0.00150	0.00150	1	02/21/2023 05:39	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*98.9*				*79.0-125*		*02/21/2023 05:39*	WG2009602

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000210	J	0.000190	0.000500	0.000500	1	02/21/2023 06:01	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/21/2023 06:01	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/21/2023 06:01	WG2009602
Total Xylene	U		0.000510	0.00150	0.00150	1	02/21/2023 06:01	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*99.3*				*79.0-125*		*02/21/2023 06:01*	WG2009602

TRIP BLANK
Collected date/time: 02/13/23 00:00
L1587266

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	0.000500	1	02/20/2023 22:22	WG2009602
Toluene	U		0.000412	0.00100	0.00100	1	02/20/2023 22:22	WG2009602
Ethylbenzene	U		0.000160	0.000500	0.000500	1	02/20/2023 22:22	WG2009602
Total Xylene	U		0.000510	0.00150	0.00150	1	02/20/2023 22:22	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*99.1*				*79.0-125*		*02/20/2023 22:22*	WG2009602

Method Blank (MB)

(MB) R3893724-2 02/20/23 21:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*98.6*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3893724-1 02/20/23 20:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0488	97.6	77.0-122	
Toluene	0.0500	0.0539	108	80.0-121	
Ethylbenzene	0.0500	0.0542	108	80.0-123	
Total Xylene	0.150	0.158	105	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*100*	*79.0-125*	

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.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
(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 Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
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
J	The identification of the analyte is acceptable; the reported value is an estimate.

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 [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	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 [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	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 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] 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.

Company Name/Address:
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

Chain of Custody Page 1 of 2

Pace PEOPLE ADVANCING SCIENCE

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

SDG # L1567266
F080

Acctnum: PLAINSGHD
Template: T223521
Prelogin: P977431
PM: 829 - Brittnie L Boyd
PB:

Shipped Via:

Report to: John Fergerson

Email To: Christopher.Knight@ghd.com;john.fergerson@g

Project Description: Plains/Darr Angell No. 1

City/State Collected: Lovington, TX

Please Circle: PT MT CT ET

Phone: 432-686-0086

Client Project # SRS DARR ANGELL #1

Lab Project # PLAINSGHD-FERGERSON

Collected by (print): Hector Orosco Joe Mireles

Site/Facility ID #

P.O. #

Collected by (signature): Immediately Packed on Ice N ___ Y X

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: Per SSOW

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40ml Amb-HCl	Remarks	Sample # (lab only)
DI-MW-17R 021023	G	GW	—	2-10-23	1330	3	X		-01
DI-MW-19R-021023	G	GW	—	2-10-23	1400	3	X		-02
DI-MW-22-021023	G	GW	—	2-10-23	1415	3	X		-03
DI-MW-21R-021023	G	GW	—	2-10-23	1445	3	X		-04
DI-MW-20R-021023	G	GW	—	2-10-23	1500	3	X		-05
DI-MW-25-021323	G	GW	—	2-13-23	1115	3	X		-06
DI-MW-16R-021323	G	GW	—	2-13-23	1200	3	X		-07
DI-MW-24-021323	G	GW	—	2-13-23	1215	3	X		-08
DI-MW-18R-021323	G	GW	—	2-13-23	1330	3	X		-09
DI-MW-11R-021323	G	GW	—	2-13-23	1400	3	X		-10

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

Remarks: Add 1 trip blank to the cooler 1. Bill Camille Bryant
2) Report to SDGs 3) Flag estimated concentrations
4) Lab Project #: Plains GHD-1257205

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
Joe Mireles	2-14-23	0700		3
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: NSA °C Bottles Received: 0.9 to 0.9 48
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2-18-23 Time: 0900

If preservation required by Login: Date/Time

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

Report to: John Fergerson

Email To: Christopher.Knight@ghd.com;john.fergerson@g

Project Description: Plains/Darr Angell No. 1

City/State Collected: Lovington, NM

Please Circle: PT MT CT ET

Phone: 432-686-0086

Client Project # SRS DARR ANGELL #1

Lab Project # PLAINSGHD-FERGERSON

Collected by (print): Hector Orosco, Joe Morales

Site/Facility ID #

P.O. #

Collected by (signature): Joe Morales

Immediately Packed on Ice N ___ Y X

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: Per SS OW

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace PEOPLE ADVANCING SCIENCE

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

SDG # L1567266

Table #

Acctnum: PLAINSGHD
Template: T223521
Prelogin: P977431
PM: 829 - Brittnie L Boyd
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
~~DI-MW-2-021323~~	G	GW	—	2-13-23	1415	3	X		
DI-RW-12-021323	G	GW	—	2-13-23	1500	3	X		
DI-MW-7-021323	G	GW	—	2-13-23	1520	3	X		
DI-MW-6-021323	G	GW	—	2-13-23	1530	3	X		
DI-MW-12R-021323	G	GW	—	2-13-23	1615	3	X		
DI-DUP2-021323	G	GW	—	2-13-23	—	3	X		
DI-DUP1-021323	G	GW	—	2-13-23	—	3	X		
TRIP	G	—	—	—	—	3	X		

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

Remarks: Add 1 trip blank to the cooler 2) Invoice Camille Bryant 2) report to 50LL 3) Flag estimated concentrations 4) Lab Project #: Plains GHD - 12572705

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Joe Morales	2-14-23	0700		3	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: NSA °C Bottles Received: 0.9 to -0.9 48	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2-18-23 Time: 0900	Hold: Condition: NCF / OK

ANALYTICAL REPORT

December 11, 2023

Revised Report

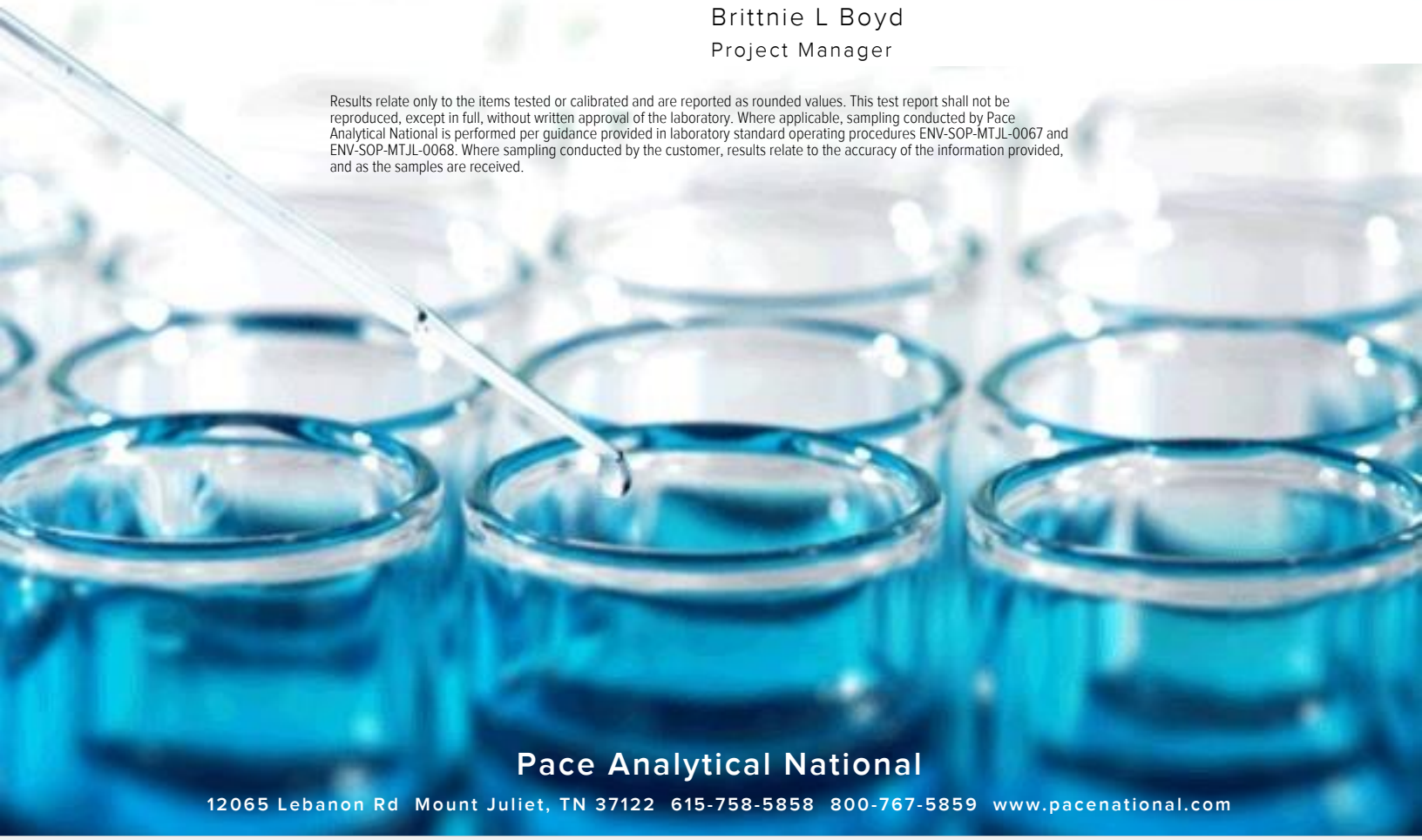
Plains All American, LP - GHD

Sample Delivery Group:	L1616639
Samples Received:	05/12/2023
Project Number:	SRS2008-224
Description:	SRS Darr Angell #1
Site:	SRS DARR ANGELL #1
Report To:	John Fergerson 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

TABLE OF CONTENTS

D1-MW-11R-050523 L1616639-01 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 13:30
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 14:23	05/19/23 14:23	ACG	Mt. Juliet, TN

D1-MW-16R-050523 L1616639-02 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 10:45
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 14:46	05/19/23 14:46	ACG	Mt. Juliet, TN

D1-MW-17R-050523 L1616639-03 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 13:00
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 15:09	05/19/23 15:09	ACG	Mt. Juliet, TN

D1-MW-18R-050523 L1616639-04 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 13:15
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 15:31	05/19/23 15:31	ADM	Mt. Juliet, TN

D1-MW-19R-050523 L1616639-05 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 12:45
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 15:54	05/19/23 15:54	ADM	Mt. Juliet, TN

D1-MW-20R-050523 L1616639-06 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 11:30
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 16:17	05/19/23 16:17	ADM	Mt. Juliet, TN

D1-MW-24-050523 L1616639-07 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 10:30
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 16:40	05/19/23 16:40	ADM	Mt. Juliet, TN

D1-MW-25-050523 L1616639-08 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 11:15
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 17:02	05/19/23 17:02	ADM	Mt. Juliet, TN

D1-MW-21R-050523 L1616639-09 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 11:00
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 17:56	05/19/23 17:56	ADM	Mt. Juliet, TN

D1-MW-22-050523 L1616639-10 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 12:00
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 18:19	05/19/23 18:19	ADM	Mt. Juliet, TN

D1-RW-12-050523 L1616639-11 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 10:15
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 18:41	05/19/23 18:41	ADM	Mt. Juliet, TN

D1-MW-7-050523 L1616639-12 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 11:45
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 19:04	05/19/23 19:04	ADM	Mt. Juliet, TN

D1-MW-6-050523 L1616639-13 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 12:15
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 19:27	05/19/23 19:27	ADM	Mt. Juliet, TN

D1-MW-12R-050523 L1616639-14 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 12:30
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 19:50	05/19/23 19:50	ADM	Mt. Juliet, TN

D1-DUP1-050523 L1616639-15 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 00:00
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 20:12	05/19/23 20:12	ADM	Mt. Juliet, TN

D1-DUP2-050523 L1616639-16 GW

Collected by: Erik Seng
Collected date/time: 05/05/23 00:00
Received date/time: 05/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 20:35	05/19/23 20:35	ADM	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1616639-17 GW

			Collected by	Collected date/time	Received date/time	
			Erik Seng	05/05/23 00:00	05/12/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2062950	1	05/19/23 12:49	05/19/23 12:49	ACG	Mt. Juliet, TN

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

Report Revision History

Level II Report - Version 1: 05/22/23 10:58

Project Narrative

Revised IDs per client request- dfe

D1-MW-11R-050523
Collected date/time: 05/05/23 13:30
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	05/19/2023 14:23	WG2062950
Toluene	ND		0.00100	1	05/19/2023 14:23	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 14:23	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 14:23	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*97.8*		*79.0-125*		*05/19/2023 14:23*	WG2062950

D1-MW-16R-050523
Collected date/time: 05/05/23 10:45
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	05/19/2023 14:46	WG2062950
Toluene	ND		0.00100	1	05/19/2023 14:46	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 14:46	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 14:46	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*98.3*		*79.0-125*		*05/19/2023 14:46*	WG2062950

D1-MW-17R-050523
Collected date/time: 05/05/23 13:00
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	05/19/2023 15:09	WG2062950
Toluene	ND		0.00100	1	05/19/2023 15:09	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 15:09	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 15:09	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*97.7*		*79.0-125*		*05/19/2023 15:09*	WG2062950

D1-MW-18R-050523
Collected date/time: 05/05/23 13:15
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	05/19/2023 15:31	WG2062950
Toluene	ND		0.00100	1	05/19/2023 15:31	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 15:31	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 15:31	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*97.7*		*79.0-125*		*05/19/2023 15:31*	WG2062950

D1-MW-19R-050523
Collected date/time: 05/05/23 12:45
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	05/19/2023 15:54	WG2062950
Toluene	ND		0.00100	1	05/19/2023 15:54	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 15:54	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 15:54	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*97.5*		*79.0-125*		*05/19/2023 15:54*	WG2062950

D1-MW-20R-050523
Collected date/time: 05/05/23 11:30
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	05/19/2023 16:17	WG2062950
Toluene	ND		0.00100	1	05/19/2023 16:17	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 16:17	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 16:17	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*101*		*79.0-125*		*05/19/2023 16:17*	WG2062950

D1-MW-24-050523
Collected date/time: 05/05/23 10:30
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	05/19/2023 16:40	WG2062950
Toluene	ND		0.00100	1	05/19/2023 16:40	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 16:40	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 16:40	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*97.3*		*79.0-125*		*05/19/2023 16:40*	WG2062950

D1-MW-23-050523
Collected date/time: 05/05/23 11:15
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	05/19/2023 17:02	WG2062950
Toluene	ND		0.00100	1	05/19/2023 17:02	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 17:02	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 17:02	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*98.1*		*79.0-125*		*05/19/2023 17:02*	WG2062950

D1-MW-21R-050523
Collected date/time: 05/05/23 11:00
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	05/19/2023 17:56	WG2062950
Toluene	ND		0.00100	1	05/19/2023 17:56	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 17:56	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 17:56	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*98.4*		*79.0-125*		*05/19/2023 17:56*	WG2062950

D1-MW-22-050523
Collected date/time: 05/05/23 12:00
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	05/19/2023 18:19	WG2062950
Toluene	ND		0.00100	1	05/19/2023 18:19	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 18:19	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 18:19	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*97.7*		*79.0-125*		*05/19/2023 18:19*	WG2062950

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	05/19/2023 18:41	WG2062950
Toluene	ND		0.00100	1	05/19/2023 18:41	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 18:41	WG2062950
Total Xylene	0.00320		0.00150	1	05/19/2023 18:41	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*96.8*		*79.0-125*		*05/19/2023 18:41*	WG2062950

D1-MW-7-050523
Collected date/time: 05/05/23 11:45
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	05/19/2023 19:04	WG2062950
Toluene	ND		0.00100	1	05/19/2023 19:04	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 19:04	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 19:04	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*100*		*79.0-125*		*05/19/2023 19:04*	WG2062950

D1-MW-6-050523
Collected date/time: 05/05/23 12:15
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00297		0.000500	1	05/19/2023 19:27	WG2062950
Toluene	0.00474		0.00100	1	05/19/2023 19:27	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 19:27	WG2062950
Total Xylene	0.0121		0.00150	1	05/19/2023 19:27	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*96.1*		*79.0-125*		*05/19/2023 19:27*	WG2062950

D1-MW-12R-050523
Collected date/time: 05/05/23 12:30
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	05/19/2023 19:50	WG2062950
Toluene	ND		0.00100	1	05/19/2023 19:50	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 19:50	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 19:50	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*96.8*		*79.0-125*		*05/19/2023 19:50*	WG2062950

D1-DUP1-050523
Collected date/time: 05/05/23 00:00
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	05/19/2023 20:12	WG2062950
Toluene	ND		0.00100	1	05/19/2023 20:12	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 20:12	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 20:12	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*97.7*		*79.0-125*		*05/19/2023 20:12*	WG2062950

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00265		0.000500	1	05/19/2023 20:35	WG2062950
Toluene	0.00324		0.00100	1	05/19/2023 20:35	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 20:35	WG2062950
Total Xylene	0.00841		0.00150	1	05/19/2023 20:35	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*97.6*		*79.0-125*		*05/19/2023 20:35*	WG2062950

TRIP BLANK
Collected date/time: 05/05/23 00:00
L1616639

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	05/19/2023 12:49	WG2062950
Toluene	ND		0.00100	1	05/19/2023 12:49	WG2062950
Ethylbenzene	ND		0.000500	1	05/19/2023 12:49	WG2062950
Total Xylene	ND		0.00150	1	05/19/2023 12:49	WG2062950
(S) a,a,a-Trifluorotoluene(PID)	*97.8*		*79.0-125*		*05/19/2023 12:49*	WG2062950

Method Blank (MB)

(MB) R3927064-3 05/19/23 12:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*97.8*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3927064-1 05/19/23 10:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0569	114	77.0-122	
Toluene	0.0500	0.0563	113	80.0-121	
Ethylbenzene	0.0500	0.0596	119	80.0-123	
Total Xylene	0.150	0.173	115	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*101*	*79.0-125*	

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
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

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 [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	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 [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	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 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] 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.

Company Name/Address:
Plains All American, LP - GHD

2135 S Loop 250 W
Midland, TX 79703

Billing Information:
Accounts Payable
1106 Griffith Dr.
Midland, TX 79706

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

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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: John Fergerson

Email To: john.fergerson@ghd.com;ryan.livingston@ghd.c

Project Description: SRS Darr Angell #1

City/State Collected: Lovington, NM

Please Circle: PT MT CT ET

Phone: 432-686-0086

Client Project # SRS2008-224

Lab Project # PLAINSGHD-SRSANGELL1

SDG # L1616639

Table #

Collected by (print): Erik Sera

Site/Facility ID # SRS DARR ANGELL #1

P.O. #

Acctnum: PLAINSGHD
Template: T224903
Prelogin: P996422
PM: 829 - Brittnie L Boyd
PB:

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

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

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
01-MW-11R-050523	G	GW		5-5-23	1320	3	X		-01
01-MW-16R-050523		GW			1045		X		-02
01-MW-17R-050523		GW			1300		X		-03
04-MW-18R-050523		GW			1315		X		-04
01-MW-19R-050523		GW			1245		X		-05
01-MW-20R-050523		GW			1130		X		-06
01-MW-24-050523		GW			1030		X		-07
01-MW-25-050523		GW			1115		X		-08
01-MW-21R-050523		GW			1100		X		-09
01-MW-22-050523		GW			1200		X		-10

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: ___ UPS ___ FedEx ___ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	
	5-5-23	19:00			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C	Bottles Received:
	5/8/23	1700	FedEx	17c+0=17c	48
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
				5-10-23	0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
Plains All American, LP - GHD

2135 S Loop 250 W
Midland, TX 79703

Billing Information:
Accounts Payable
1106 Griffith Dr.
Midland, TX 79706

Pres Chk

Analysis / Container / Preservative

Chain of Custody

Pace
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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: **John Fergerson**

Email To: **john.fergerson@ghd.com;ryan.livingston@ghd.c**

Project Description: **SRS Darr Angell #1**

City/State Collected: Lovington, NM

Please Circle: PT MT (CT) ET

Phone: **432-686-0086**

Client Project # **SRS2008-224**

Lab Project # **PLAINSGHD-SRSANGELL1**

SDG # L1616639

Table #

Collected by (print): Eriksen

Site/Facility ID # **SRS DARR ANGELL #1**

P.O. #

Acctnum: **PLAINSGHD**
Template: **T224903**
Prelogin: **P996422**
PM: **829 - Brittnie L Boyd**
PB:

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

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

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
D1-RW-12	G	GW		5-5-23	1015	3	X		-11
D1-MW-7	"	GW		"	1145	"	X		-12
D1-MW-6	"	GW		"	1215	"	X		-13
D1-MW-12R	"	GW		"	1230	"	X		-14
		GW							
		GW							
		GW							
D1-Dup1-050523	G	GW	—	-	—	3	X		-15
D1-Dup2-050523	G	GW	—		—	3	X		-16
Trip Blank	—		—	—	—	2	X		-17

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

	Date:	Time:		
Relinquished by : (Signature)	5-5-23	14:00	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	5/8/23	1700	Received by: (Signature) FedEx	Temp: 17°C to 17.2°C Bottles Received: 48
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5-10-23 Time: 0900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

5/10-NCF-L1616639 PLAINSGHD TD

R5

Time estimate: oh **Time spent:** oh

Members

Troy Dunlap (responsible) BB Brittnie Boyd

- [ ] Login Clarification needed
- [ ] Chain of custody is incomplete
- [ ] Please specify Metals requested
- [ ] Please specify TCLP requested
- [ ] Received additional samples not listed on COC
- [ ] Sample IDs on containers do not match IDs on COC
- [ ] Client did not "X" analysis
- [x] Chain of Custody is missing
- [ ] If no COC: Received by:_____
- [ ] If no COC: Date/Time:_____
- [ ] If no COC: Temp./Cont.Rec./pH: 17°c
- [ ] If no COC: Carrier: FedEx
- [ ] If no COC: Tracking #: 5913 6272 4516
- [ ] Client informed by call
- [x] Client informed by Email
- [ ] Client informed by Voicemail
- [x] Date/Time:_____05/12 0946_____
- [x] PM initials:_____BB_____
- [x] Client Contact:_____John Fergerson_____

Comments

Troy Dunlap *10 May 2023 5:25 PM*

1.) COC is missing. Project: SRS2008-224. IDs, dates and times attached.
2.) Received out of temperature at 17°c.

Brittnie Boyd *11 May 2023 9:03 AM*

I attached the COC from the previous NCF. It looks like these should go together?
PLAINSGHD-1.pdf

I will contact the client to check if they want to proceed with running.

Brittnie Boyd *12 May 2023 9:46 AM*

Please proceed with running as received.

Troy Dunlap *16 May 2023 2:15 PM*

Done.

Company Name/Address:
Plains All American, LP - GHD

2135 S Loop 250 W
Midland, TX 79703

Billing Information:
Accounts Payable
1106 Griffith Dr.
Midland, TX 79706

Pres Chk

Report to: John Fergerson

Email To: john.fergerson@ghd.com;ryan.livingston@ghd.c

Project Description: SRS Darr Angell #1

City/State Collected: Lovington, NM

Please Circle: PT MT CT ET

Phone: 432-686-0086

Client Project # SRS2008-224

Lab Project # PLAINSGHD-SRSANGELL1

Collected by (print): Erik Sera

Site/Facility ID # SRS DARR ANGELL #1

P.O. #

Collected by (signature):
Immediately Packed on Ice N ___ Y ___

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

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

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SDG # L616639

Table #

Acctnum: PLAINSGHD
Template: T224903
Prelogin: P996422
PM: 829 - Brittnie L Boyd
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
01-MW-11R-050523	G	GW		5-5-23	1320	3	X		-01
01-MW-16R-050523		GW			1045		X		-02
01-MW-17R-050523		GW			1300		X		-03
01-MW-18R-050523		GW			1315		X		-04
01-MW-19R-050523		GW			1245		X		-05
01-MW-20R-050523		GW			1130		X		-06
01-MW-24-050523		GW			1030		X		-07
01-MW-25-050523		GW			1115		X		-08
01-MW-21R-050523		GW			1400		X		-09
01-MW-22-050523		GW			1200		X		-10

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

Remarks:
edits made by Hunter Johnson on 12/4/2023

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	
	5-5-23	19:00			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C	Bottles Received:
	5/8/23	1700	FedEx	17°C to 17°C	48
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
				5-10-23	0900

If preservation required by Login: Date/Time

Hold:

Condition: VOA / OK

Company Name/Address:

Plains All American, LP - GHD

2135 S Loop 250 W
Midland, TX 79703

Billing Information:

Accounts Payable
1106 Griffith Dr.
Midland, TX 79706

Pres Chk

Report to: **John Fergerson**

Email To: john.fergerson@ghd.com;ryan.livingston@ghd.c

Project Description: **SRS Darr Angell #1**

City/State Collected: Lovington NM

Please Circle: PT MT CT ET

Phone: **432-686-0086**

Client Project # **SRS2008-224**

Lab Project # **PLAINSGHD-SRSANGELL1**

Collected by (print): Eriksen

Collected by (signature):

Immediately Packed on Ice N___ Y ✓

Site/Facility ID # **SRS DARR ANGELL #1**

P.O. #

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

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

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SDG # L1616639

Table #

Acctnum: **PLAINSGHD**
Template: **T224903**
Prelogin: **P996422**
PM: **829 - Brittnie L Boyd**
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
D1-RW-M -050523	G	GW		5-5-23	1015	3	X		-11
D1-MW-7 -050523	"	GW		"	1145	"	X		-12
D1-MW-6 -050523	"	GW		"	1215	"	X		-13
D1-MW-12R -050523	"	GW		"	1230	"	X		-14
		GW							
		GW							
		GW							
D1-Dup1-050523	G	GW	—	-	—	3	X		-15
D1-Dup2-050523	G	GW	—		—	3	X		-16
Trip Blank	—				—	2	X		-17

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

Remarks:
edits made by Hunter Johnson on 12/4/2023

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS FedEx __ Courier _____

Tracking #

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

	Date:	Time:		
Relinquished by : (Signature)	5-5-23	19:00	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	5/8/23	1700	Received by: (Signature) FedEx	Temp: 17.2 to 17.2 °C Bottles Received: 48
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5-10-23 Time: 0900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

ANALYTICAL REPORT

August 23, 2023

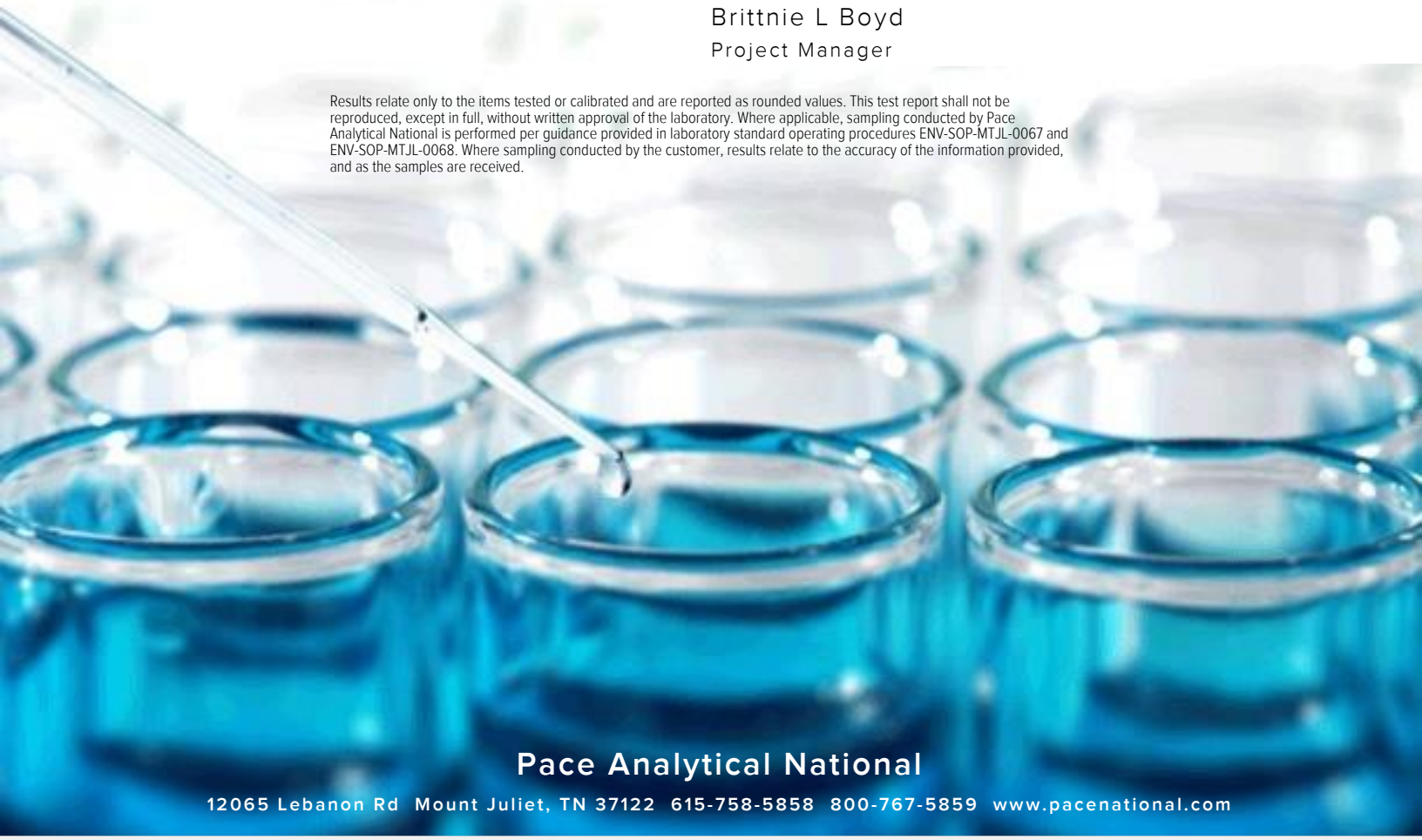
Plains All American, LP - GHD

Sample Delivery Group:	L1645417
Samples Received:	08/11/2023
Project Number:	SRSDARRANGELL#1
Description:	SRS Darr Angell #1
Site:	SRS DARR ANGELL #1
Report To:	John Fergerson 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

TABLE OF CONTENTS

D1- (MW-19R)-080923 L1645417-01 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 09:00 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2115129	1	08/16/23 17:32	08/16/23 17:32	ACG	Mt. Juliet, TN

D1- (MW-12R)-080923 L1645417-02 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 09:49 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2115129	1	08/16/23 17:57	08/16/23 17:57	ACG	Mt. Juliet, TN

D1- (MW-17R)-080923 L1645417-03 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 10:15 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2115129	1	08/16/23 18:21	08/16/23 18:21	ACG	Mt. Juliet, TN

D1- (MW-16R)-080923 L1645417-04 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 11:15 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2115129	1	08/16/23 18:46	08/16/23 18:46	ACG	Mt. Juliet, TN

D1- (MW-18R)-080923 L1645417-05 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 11:20 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2115129	1	08/16/23 19:11	08/16/23 19:11	ACG	Mt. Juliet, TN

D1- (MW-11R)-080923 L1645417-06 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 11:40 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2115129	1	08/16/23 19:35	08/16/23 19:35	ACG	Mt. Juliet, TN

D1- (MW-22)-080923 L1645417-07 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 12:10 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2115129	1	08/16/23 20:00	08/16/23 20:00	ACG	Mt. Juliet, TN

D1- (MW-2)-080923 L1645417-08 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 12:25 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117598	1	08/21/23 13:31	08/21/23 13:31	JAH	Mt. Juliet, TN

D1- (RW-12)-080923 L1645417-09 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 12:40 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2116332	1	08/18/23 04:01	08/18/23 04:01	JAH	Mt. Juliet, TN

D1- (MW-24)-080923 L1645417-10 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 13:15 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2116332	1	08/18/23 04:23	08/18/23 04:23	JAH	Mt. Juliet, TN

D1- (MW-6)-080923 L1645417-11 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 13:40 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2116332	1	08/18/23 04:46	08/18/23 04:46	JAH	Mt. Juliet, TN

D1- (MW-21R)-080923 L1645417-12 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 14:00 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2116332	1	08/18/23 05:08	08/18/23 05:08	JAH	Mt. Juliet, TN

D1- (MW-25)-080923 L1645417-13 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 14:20 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2116332	1	08/18/23 05:31	08/18/23 05:31	JAH	Mt. Juliet, TN

D1- (MW-20R)-080923 L1645417-14 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 14:30 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2116332	1	08/18/23 05:54	08/18/23 05:54	JAH	Mt. Juliet, TN

D1- (DUP-1)-080923 L1645417-15 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 00:00 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2116332	1	08/18/23 06:16	08/18/23 06:16	JAH	Mt. Juliet, TN

D1- (DUP-2)-080923 L1645417-16 GW

Collected by: Hector Orosco | Collected date/time: 08/09/23 00:00 | Received date/time: 08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2116332	1	08/18/23 06:39	08/18/23 06:39	JAH	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1645417-17 GW

			Collected by	Collected date/time	Received date/time
			Hector Orosco	08/09/23 00:00	08/11/23 11:35

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2116332	1	08/18/23 01:45	08/18/23 01:45	JAH	Mt. Juliet, TN

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

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1645417-08	D1- (MW-2)-080923	8021B
L1645417-14	D1- (MW-20R)-080923	8021B

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/16/2023 17:32	WG2115129
Toluene	ND		0.00100	1	08/16/2023 17:32	WG2115129
Ethylbenzene	ND		0.000500	1	08/16/2023 17:32	WG2115129
Total Xylene	ND		0.00150	1	08/16/2023 17:32	WG2115129
(S) a,a,a-Trifluorotoluene(PID)	*97.8*		*79.0-125*		*08/16/2023 17:32*	WG2115129

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/16/2023 17:57	WG2115129
Toluene	ND		0.00100	1	08/16/2023 17:57	WG2115129
Ethylbenzene	ND		0.000500	1	08/16/2023 17:57	WG2115129
Total Xylene	ND		0.00150	1	08/16/2023 17:57	WG2115129
(S) a,a,a-Trifluorotoluene(PID)	*98.4*		*79.0-125*		*08/16/2023 17:57*	WG2115129

DT-(MW-17R)-080923
Collected date/time: 08/09/23 10:15
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/16/2023 18:21	WG2115129
Toluene	ND		0.00100	1	08/16/2023 18:21	WG2115129
Ethylbenzene	ND		0.000500	1	08/16/2023 18:21	WG2115129
Total Xylene	ND		0.00150	1	08/16/2023 18:21	WG2115129
(S) a,a,a-Trifluorotoluene(PID)	*99.0*		*79.0-125*		*08/16/2023 18:21*	WG2115129

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	08/16/2023 18:46	WG2115129
Toluene	ND		0.00100	1	08/16/2023 18:46	WG2115129
Ethylbenzene	ND		0.000500	1	08/16/2023 18:46	WG2115129
Total Xylene	ND		0.00150	1	08/16/2023 18:46	WG2115129
(S) a,a,a-Trifluorotoluene(PID)	*99.0*		*79.0-125*		*08/16/2023 18:46*	WG2115129

DT-(MW-18R)-080923
Collected date/time: 08/09/23 11:20
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/16/2023 19:11	WG2115129
Toluene	ND		0.00100	1	08/16/2023 19:11	WG2115129
Ethylbenzene	ND		0.000500	1	08/16/2023 19:11	WG2115129
Total Xylene	ND		0.00150	1	08/16/2023 19:11	WG2115129
(S) a,a,a-Trifluorotoluene(PID)	*98.8*		*79.0-125*		*08/16/2023 19:11*	WG2115129

DT-(MW-11R)-080923
Collected date/time: 08/09/23 11:40
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/16/2023 19:35	WG2115129
Toluene	ND		0.00100	1	08/16/2023 19:35	WG2115129
Ethylbenzene	ND		0.000500	1	08/16/2023 19:35	WG2115129
Total Xylene	ND		0.00150	1	08/16/2023 19:35	WG2115129
(S) a,a,a-Trifluorotoluene(PID)	*98.6*		*79.0-125*		*08/16/2023 19:35*	WG2115129

D1 (MW-22) 080923
Collected date/time: 08/09/23 12:10
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/16/2023 20:00	WG2115129
Toluene	ND		0.00100	1	08/16/2023 20:00	WG2115129
Ethylbenzene	ND		0.000500	1	08/16/2023 20:00	WG2115129
Total Xylene	ND		0.00150	1	08/16/2023 20:00	WG2115129
(S) a,a,a-Trifluorotoluene(PID)	*98.4*		*79.0-125*		*08/16/2023 20:00*	WG2115129

D1-(MW-2)-080923
Collected date/time: 08/09/23 12:25
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000595		0.000500	1	08/21/2023 13:31	WG2117598
Toluene	ND		0.00100	1	08/21/2023 13:31	WG2117598
Ethylbenzene	ND		0.000500	1	08/21/2023 13:31	WG2117598
Total Xylene	0.00219		0.00150	1	08/21/2023 13:31	WG2117598
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*08/21/2023 13:31*	WG2117598

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/18/2023 04:01	WG2116332
Toluene	ND		0.00100	1	08/18/2023 04:01	WG2116332
Ethylbenzene	ND		0.000500	1	08/18/2023 04:01	WG2116332
Total Xylene	0.0141		0.00150	1	08/18/2023 04:01	WG2116332
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*08/18/2023 04:01*	WG2116332

D1 (MW-24) 080923
Collected date/time: 08/09/23 13:15
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/18/2023 04:23	WG2116332
Toluene	ND		0.00100	1	08/18/2023 04:23	WG2116332
Ethylbenzene	ND		0.000500	1	08/18/2023 04:23	WG2116332
Total Xylene	ND		0.00150	1	08/18/2023 04:23	WG2116332
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*08/18/2023 04:23*	WG2116332

DT-(MW-6)-080923
Collected date/time: 08/09/23 13:40
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	08/18/2023 04:46	WG2116332
Toluene	ND		0.00100	1	08/18/2023 04:46	WG2116332
Ethylbenzene	ND		0.000500	1	08/18/2023 04:46	WG2116332
Total Xylene	ND		0.00150	1	08/18/2023 04:46	WG2116332
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*08/18/2023 04:46*	WG2116332

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/18/2023 05:08	WG2116332
Toluene	ND		0.00100	1	08/18/2023 05:08	WG2116332
Ethylbenzene	ND		0.000500	1	08/18/2023 05:08	WG2116332
Total Xylene	ND		0.00150	1	08/18/2023 05:08	WG2116332
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*08/18/2023 05:08*	WG2116332

D1 (MW-23) 080923
Collected date/time: 08/09/23 14:20
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/18/2023 05:31	WG2116332
Toluene	ND		0.00100	1	08/18/2023 05:31	WG2116332
Ethylbenzene	ND		0.000500	1	08/18/2023 05:31	WG2116332
Total Xylene	ND		0.00150	1	08/18/2023 05:31	WG2116332
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*08/18/2023 05:31*	WG2116332

D1 (MW-20R)-080923
Collected date/time: 08/09/23 14:30
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/18/2023 05:54	WG2116332
Toluene	ND		0.00100	1	08/18/2023 05:54	WG2116332
Ethylbenzene	ND		0.000500	1	08/18/2023 05:54	WG2116332
Total Xylene	ND		0.00150	1	08/18/2023 05:54	WG2116332
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*08/18/2023 05:54*	WG2116332

D1-(DUP-1)-080923
Collected date/time: 08/09/23 00:00
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	08/18/2023 06:16	WG2116332
Toluene	ND		0.00100	1	08/18/2023 06:16	WG2116332
Ethylbenzene	ND		0.000500	1	08/18/2023 06:16	WG2116332
Total Xylene	ND		0.00150	1	08/18/2023 06:16	WG2116332
(S) a,a,a-Trifluorotoluene(PID)	*106*		*79.0-125*		*08/18/2023 06:16*	WG2116332

D1-(DUP-2)-080923
Collected date/time: 08/09/23 00:00
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.000500	1	08/18/2023 06:39	WG2116332
Toluene	ND		0.00100	1	08/18/2023 06:39	WG2116332
Ethylbenzene	ND		0.000500	1	08/18/2023 06:39	WG2116332
Total Xylene	ND		0.00150	1	08/18/2023 06:39	WG2116332
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*08/18/2023 06:39*	WG2116332

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Collected date/time: 08/09/23 00:00
L1645417

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	08/18/2023 01:45	WG2116332
Toluene	ND		0.00100	1	08/18/2023 01:45	WG2116332
Ethylbenzene	ND		0.000500	1	08/18/2023 01:45	WG2116332
Total Xylene	ND		0.00150	1	08/18/2023 01:45	WG2116332
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*08/18/2023 01:45*	WG2116332

Method Blank (MB)

(MB) R3963791-2 08/16/23 12:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	0.000280	J	0.000190	0.000500
Toluene	0.000886	J	0.000412	0.00100
Ethylbenzene	0.000330	J	0.000160	0.000500
Total Xylene	0.00124	J	0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*98.9*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3963791-1 08/16/23 09:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0441	88.2	77.0-122	
Toluene	0.0500	0.0472	94.4	80.0-121	
Ethylbenzene	0.0500	0.0464	92.8	80.0-123	
Total Xylene	0.150	0.141	94.0	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*96.3*	*79.0-125*	

Method Blank (MB)

(MB) R3963000-3 08/17/23 23:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*108*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3963000-1 08/17/23 20:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0510	102	77.0-122	
Toluene	0.0500	0.0498	99.6	80.0-121	
Ethylbenzene	0.0500	0.0524	105	80.0-123	
Total Xylene	0.150	0.151	101	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*107*	*79.0-125*	

Method Blank (MB)

(MB) R3964377-3 08/21/23 12:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*110*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3964377-1 08/21/23 10:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0476	95.2	77.0-122	
Toluene	0.0500	0.0480	96.0	80.0-121	
Ethylbenzene	0.0500	0.0502	100	80.0-123	
Total Xylene	0.150	0.145	96.7	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*109*	*79.0-125*	

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
J	The identification of the analyte is acceptable; the reported value is an estimate.

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 [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	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 [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	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 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] 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.

Company Name/Address:
Plains All American, LP - GHD
2135 S Loop 250 W
Midland, TX 79703

Billing Information:
Karolanne Hudgens
Accounts Payable
1106 Griffith Dr.
Midland, TX 79706

Pres Chk

Report to: **John Fergerson**

Email To: john.fergerson@ghd.com;Simon.Kozik@ghd.co

Project Description: **SRS Darr Angell #1**

City/State Collected: New Mexico

Please Circle: PT MT CT ET

Phone: 432-686-0086 894-

Client Project # SRS2008-224 Darr Angell #1

Lab Project # **PLAINSGHD-SRSANGELL1**

Collected by (print): Hector Orosco

Site/Facility ID # **SRS DARR ANGELL #1**

P.O. # SRS Darr Angell #1

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

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

No. of Cntrs

Analysis / Container / Preservative

BTEX 40ml Amb-HCl

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40ml Amb-HCl	Remarks	Sample # (lab only)
DI-(MW-19R)-080923		GW		8/9/23	0700	3	X		-01
DI-(MW-12R)-080923		GW		8/9/23	0949	3	X		-02
DI-(MW-17R)-080923		GW		8/9/23	1015	3	X		-03
DI-(MW-16R)-080923		GW		8/9/23	1115	3	X		-04
DI-(MW-18R)-080923		GW		8/9/23	1130	3	X		-05
DI-(MW-11R)-080923		GW		8/9/23	1140	3	X		-06
DI-(MW-22)-080923		GW		8/9/23	1210	3	X		-07
DI-(MW-2)-080923		GW		8/9/23	1225	3	X		-08
DI-(RW-12)-080923		GW		8/9/23	1240	3	X		-09
DI-(MW-24)-080923		GW		8/9/23	1315	3	X		-10

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # UL4534

F146

Acctnum: **PLAINSGHD**
Template: **T224903**
Prelogin: **P1015769**
PM: **829 - Brittnie L Boyd**
PB: LR 8-2-23

Shipped Via:

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X 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: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No HCl / MeoH TBR	
	8/10/23	2:37		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 6.8 °C	Bottles Received: 51
	8/10/23	1700		3.8+0	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
			Christopher Gallin (19)	8/11/23	1135

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
Plains All American, LP - GHD
2135 S Loop 250 W
Midland, TX 79703

Billing Information:
Accounts Payable
1106 Griffith Dr.
Midland, TX 79706

Pres Chk

Report to:
John Fergerson

Email To:
john.fergerson@ghd.com;Simon.Kozik@ghd.co

Project Description:
SRS Darr Angell #1

City/State Collected:

Please Circle: PT MT CT ET

Phone: 432-686-0086
894-7848

Client Project #
SRS2008-224
Darr Angell #1

Lab Project #
PLAINSGHD-SRSANGELL1

Collected by (print):
Hector Orosco

Site/Facility ID #
SRS DARR ANGELL #1

P.O. #
SRS Darr Angell #1

Collected by (signature):

Immediately Packed on Ice N___ Y✓

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

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1645417

Table #

Acctnum: PLAINSGHD
Template: T224903
Prelogin: P1015769
PM: 829 - Brittnie L Boyd
PB: CP 8-2-23

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40ml Amb-HCl	Remarks	Sample # (lab only)
DI-(MW-6)-080923		GW		8/9/23	1340	3	X		-11
DI-(MW-21R)-080923		GW		8/9/23	1400	3	X		-12
DI-(MW-25)-080123		GW		8/9/23	1420	3	X		-13
DI-(MW-20R)-080923		GW		8/9/23	1430	3	X		-14
DI-(DUP-1)-080923		GW		8/9/23		3	X		-15
DI-(DUP-2)-080923		GW		8/9/23		3	X		-16
Trip Blank						1	X		-17

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	8/10/23	2:37	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	8/10/23	1700	SWA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Christopher Gallin

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received:

If preservation required by Login: Date/Time

Date: 8/11/23 Time: 1135

Hold:

Condition: NCF / OK

8/12-NCF-L1645417 PLAINSGHD

R5

Time estimate: oh **Time spent:** oh

Members

Hailey Melson (responsible) BB Brittnie Boyd

Due on *16 August 2023 8:00 AM* for target *Done*

- [ ] Login Clarification needed
- [ ] Chain of custody is incomplete
- [ ] Please specify Metals requested
- [ ] Please specify TCLP requested
- [x] Received additional samples not listed on COC
- [ ] Sample IDs on containers do not match IDs on COC
- [ ] Client did not "X" analysis
- [ ] Chain of Custody is missing
- [ ] If no COC: Received by:_____
- [ ] If no COC: Date/Time:_____
- [ ] If no COC: Temp./Cont.Rec./pH:_____
- [ ] If no COC: Carrier:_____
- [ ] If no COC: Tracking #:_____
- [ ] Client informed by call
- [x] Client informed by Email
- [ ] Client informed by Voicemail
- [x] Date/Time:___08/16 1541_____
- [x] PM initials:_____BB_____
- [x] Client Contact:_____John Fergerson_____

Comments

Hailey Melson — *12 August 2023 12:19 PM*

Received ID: MW-7 not listed on the COC.

Hailey Melson — *16 August 2023 1:55 PM*

Any word?

Brittnie Boyd — *16 August 2023 2:21 PM*

Sorry still working on it. I should have an answer soon.

Hailey Melson — *16 August 2023 2:22 PM*

Thank you!

Brittnie Boyd *16 August 2023 3:41 PM*

Please log for BTEX

Brittnie Boyd *16 August 2023 3:52 PM*

Disregard above comment. Please place this sample on HOLD!

Hailey Melson *17 August 2023 12:26 PM*

Done

ANALYTICAL REPORT

November 27, 2023

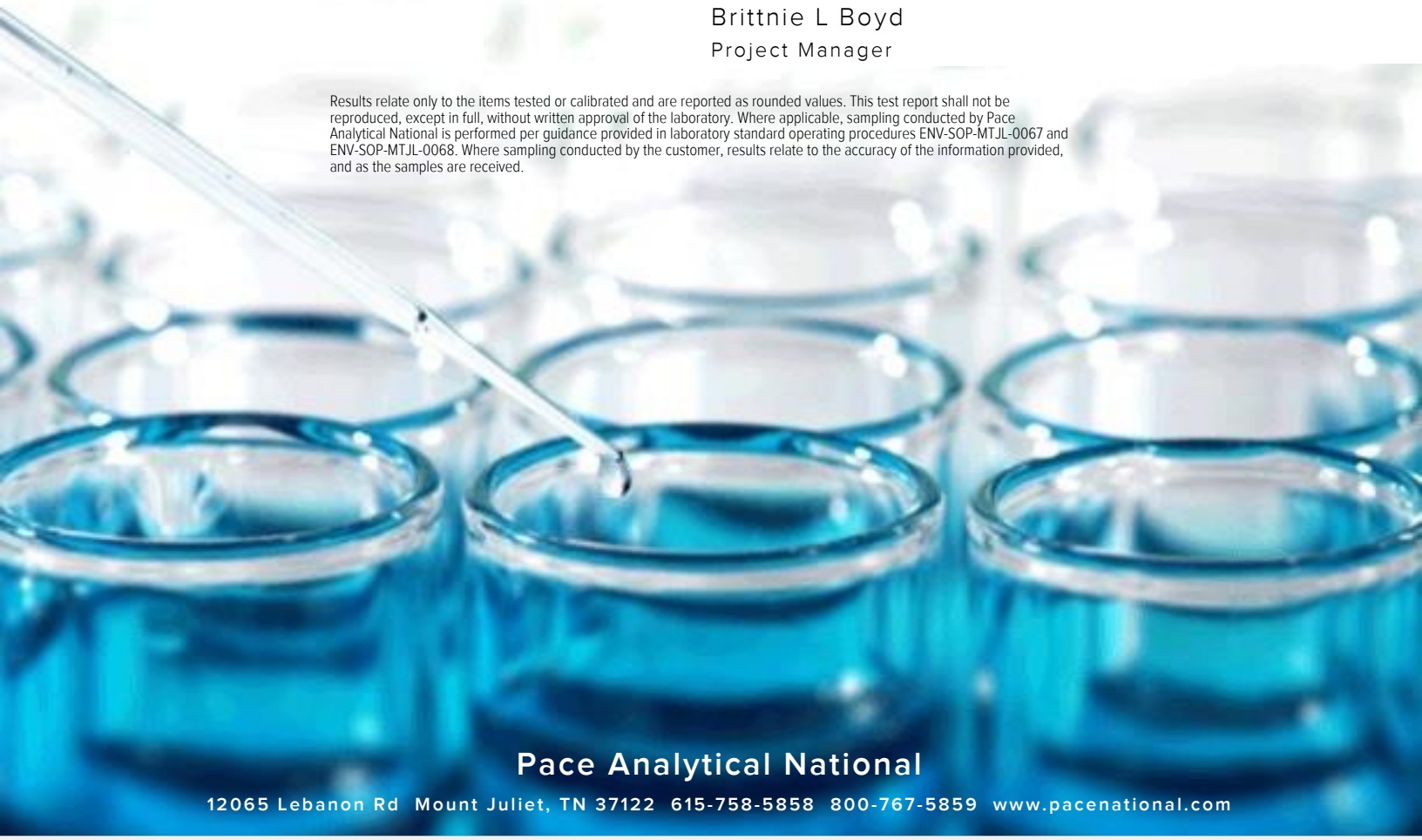
Plains All American, LP - GHD

Sample Delivery Group:	L1677940
Samples Received:	11/14/2023
Project Number:	SRS2008-224
Description:	SRS Darr Angell #1
Site:	SRS DARR ANGELL #1
Report To:	John Fergerson 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

TABLE OF CONTENTS

D1-MW-17R-110923 L1677940-01 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 10:00 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 18:32	11/19/23 18:32	AV	Mt. Juliet, TN

D1-MW-19R-110923 L1677940-02 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 10:15 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/19/23 22:04	11/19/23 22:04	AV	Mt. Juliet, TN

D1-MW-22-110923 L1677940-03 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 10:30 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/19/23 22:27	11/19/23 22:27	AV	Mt. Juliet, TN

D1-MW-20R-110923 L1677940-04 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 11:00 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/19/23 22:49	11/19/23 22:49	AV	Mt. Juliet, TN

D1-MW-2-110923 L1677940-05 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 11:10 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	10	11/19/23 23:45	11/19/23 23:45	AV	Mt. Juliet, TN

D1-MW-24-110923 L1677940-06 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 11:20 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/20/23 00:07	11/20/23 00:07	AV	Mt. Juliet, TN

D1-MW-18R-110923 L1677940-07 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 11:45 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/20/23 00:30	11/20/23 00:30	AV	Mt. Juliet, TN

D1-MW-16R-110923 L1677940-08 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 12:00 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/20/23 00:52	11/20/23 00:52	AV	Mt. Juliet, TN

D1-MW-12R-110923 L1677940-09 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 12:20 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/20/23 01:15	11/20/23 01:15	AV	Mt. Juliet, TN

D1-MW-11R-110923 L1677940-10 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 12:30 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/20/23 01:37	11/20/23 01:37	AV	Mt. Juliet, TN

D1-MW-6-110923 L1677940-11 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 12:45 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/20/23 02:00	11/20/23 02:00	AV	Mt. Juliet, TN

D1-RW-12-110923 L1677940-12 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 13:00 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/20/23 02:23	11/20/23 02:23	AV	Mt. Juliet, TN

D1-MW-21R-110923 L1677940-13 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 13:15 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/20/23 02:45	11/20/23 02:45	AV	Mt. Juliet, TN

D1-MW-25-110923 L1677940-14 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 13:30 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/20/23 03:08	11/20/23 03:08	AV	Mt. Juliet, TN

D1-DUP1-110923 L1677940-15 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 00:00 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/20/23 03:31	11/20/23 03:31	AV	Mt. Juliet, TN

D1-DUP2-110923 L1677940-16 GW

Collected by: Hector Orosco | Collected date/time: 11/09/23 00:00 | Received date/time: 11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/20/23 03:53	11/20/23 03:53	AV	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1677940-17 GW

			Collected by	Collected date/time	Received date/time
			Hector Orosco	11/09/23 00:00	11/14/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174269	1	11/19/23 21:33	11/19/23 21:33	AV	Mt. Juliet, TN

CASE NARRATIVE

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

D1-MW-17R-110923
Collected date/time: 11/09/23 10:00
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/19/2023 18:32	WG2174147
Toluene	ND		0.00100	1	11/19/2023 18:32	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 18:32	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 18:32	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 18:32*	WG2174147

D1-MW-19R-110923
Collected date/time: 11/09/23 10:15
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/19/2023 22:04	WG2174269
Toluene	ND		0.00100	1	11/19/2023 22:04	WG2174269
Ethylbenzene	ND		0.000500	1	11/19/2023 22:04	WG2174269
Total Xylene	ND		0.00150	1	11/19/2023 22:04	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*11/19/2023 22:04*	WG2174269

D1-MW-22-110923
Collected date/time: 11/09/23 10:30

L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/19/2023 22:27	WG2174269
Toluene	ND		0.00100	1	11/19/2023 22:27	WG2174269
Ethylbenzene	ND		0.000500	1	11/19/2023 22:27	WG2174269
Total Xylene	ND		0.00150	1	11/19/2023 22:27	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*11/19/2023 22:27*	WG2174269

D1-MW-20R-110923
Collected date/time: 11/09/23 11:00
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/19/2023 22:49	WG2174269
Toluene	ND		0.00100	1	11/19/2023 22:49	WG2174269
Ethylbenzene	ND		0.000500	1	11/19/2023 22:49	WG2174269
Total Xylene	ND		0.00150	1	11/19/2023 22:49	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 22:49*	WG2174269

D1-MW-2-110923
Collected date/time: 11/09/23 11:10

L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00500	10	11/19/2023 23:45	WG2174269
Toluene	ND		0.0100	10	11/19/2023 23:45	WG2174269
Ethylbenzene	ND		0.00500	10	11/19/2023 23:45	WG2174269
Total Xylene	ND		0.0150	10	11/19/2023 23:45	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*110*		*79.0-125*		*11/19/2023 23:45*	WG2174269

Sample Narrative:

L1677940-05 WG2174269: Elevated RL due to foamy matrix.

D1-MW-24-110923
Collected date/time: 11/09/23 11:20
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/20/2023 00:07	WG2174269
Toluene	ND		0.00100	1	11/20/2023 00:07	WG2174269
Ethylbenzene	ND		0.000500	1	11/20/2023 00:07	WG2174269
Total Xylene	ND		0.00150	1	11/20/2023 00:07	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*11/20/2023 00:07*	WG2174269

D1-MW-18R-110923
Collected date/time: 11/09/23 11:45

L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/20/2023 00:30	WG2174269
Toluene	ND		0.00100	1	11/20/2023 00:30	WG2174269
Ethylbenzene	ND		0.000500	1	11/20/2023 00:30	WG2174269
Total Xylene	ND		0.00150	1	11/20/2023 00:30	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/20/2023 00:30*	WG2174269

D1-MW-16R-110923
Collected date/time: 11/09/23 12:00
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/20/2023 00:52	WG2174269
Toluene	ND		0.00100	1	11/20/2023 00:52	WG2174269
Ethylbenzene	ND		0.000500	1	11/20/2023 00:52	WG2174269
Total Xylene	ND		0.00150	1	11/20/2023 00:52	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/20/2023 00:52*	WG2174269

D1-MW-1ZR-110923
Collected date/time: 11/09/23 12:20
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/20/2023 01:15	WG2174269
Toluene	ND		0.00100	1	11/20/2023 01:15	WG2174269
Ethylbenzene	ND		0.000500	1	11/20/2023 01:15	WG2174269
Total Xylene	ND		0.00150	1	11/20/2023 01:15	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*106*		*79.0-125*		*11/20/2023 01:15*	WG2174269

D1-MW-11R-110923
Collected date/time: 11/09/23 12:30
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/20/2023 01:37	WG2174269
Toluene	ND		0.00100	1	11/20/2023 01:37	WG2174269
Ethylbenzene	ND		0.000500	1	11/20/2023 01:37	WG2174269
Total Xylene	ND		0.00150	1	11/20/2023 01:37	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/20/2023 01:37*	WG2174269

D1-MW-6-110923
Collected date/time: 11/09/23 12:45

L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/20/2023 02:00	WG2174269
Toluene	ND		0.00100	1	11/20/2023 02:00	WG2174269
Ethylbenzene	ND		0.000500	1	11/20/2023 02:00	WG2174269
Total Xylene	ND		0.00150	1	11/20/2023 02:00	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*105*		*79.0-125*		*11/20/2023 02:00*	WG2174269

D1-RW-12-110923
Collected date/time: 11/09/23 13:00
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/20/2023 02:23	WG2174269
Toluene	ND		0.00100	1	11/20/2023 02:23	WG2174269
Ethylbenzene	ND		0.000500	1	11/20/2023 02:23	WG2174269
Total Xylene	ND		0.00150	1	11/20/2023 02:23	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*11/20/2023 02:23*	WG2174269

D1-MW-21R-110923
Collected date/time: 11/09/23 13:15
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/20/2023 02:45	WG2174269
Toluene	ND		0.00100	1	11/20/2023 02:45	WG2174269
Ethylbenzene	ND		0.000500	1	11/20/2023 02:45	WG2174269
Total Xylene	ND		0.00150	1	11/20/2023 02:45	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*11/20/2023 02:45*	WG2174269

D1-MW-23-110923
Collected date/time: 11/09/23 13:30
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/20/2023 03:08	WG2174269
Toluene	ND		0.00100	1	11/20/2023 03:08	WG2174269
Ethylbenzene	ND		0.000500	1	11/20/2023 03:08	WG2174269
Total Xylene	ND		0.00150	1	11/20/2023 03:08	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*11/20/2023 03:08*	WG2174269

D1-DUP1-110923
Collected date/time: 11/09/23 00:00
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/20/2023 03:31	WG2174269
Toluene	ND		0.00100	1	11/20/2023 03:31	WG2174269
Ethylbenzene	ND		0.000500	1	11/20/2023 03:31	WG2174269
Total Xylene	ND		0.00150	1	11/20/2023 03:31	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*105*		*79.0-125*		*11/20/2023 03:31*	WG2174269

D1-DUP2-110923
Collected date/time: 11/09/23 00:00
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/20/2023 03:53	WG2174269
Toluene	ND		0.00100	1	11/20/2023 03:53	WG2174269
Ethylbenzene	ND		0.000500	1	11/20/2023 03:53	WG2174269
Total Xylene	ND		0.00150	1	11/20/2023 03:53	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*106*		*79.0-125*		*11/20/2023 03:53*	WG2174269

TRIP BLANK
Collected date/time: 11/09/23 00:00
L1677940

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.000500	1	11/19/2023 21:33	WG2174269
Toluene	ND		0.00100	1	11/19/2023 21:33	WG2174269
Ethylbenzene	ND		0.000500	1	11/19/2023 21:33	WG2174269
Total Xylene	ND		0.00150	1	11/19/2023 21:33	WG2174269
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 21:33*	WG2174269

Method Blank (MB)

(MB) R4003591-2 11/19/23 10:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*108*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R4003591-1 11/19/23 09:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0532	106	77.0-122	
Toluene	0.0500	0.0492	98.4	80.0-121	
Ethylbenzene	0.0500	0.0575	115	80.0-123	
Total Xylene	0.150	0.169	113	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*107*	*79.0-125*	

Method Blank (MB)

(MB) R4003592-2 11/19/23 20:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*108*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R4003592-1 11/19/23 19:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0526	105	77.0-122	
Toluene	0.0500	0.0480	96.0	80.0-121	
Ethylbenzene	0.0500	0.0572	114	80.0-123	
Total Xylene	0.150	0.168	112	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*106*	*79.0-125*	

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
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

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 [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	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 [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	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 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] 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.

Company Name/Address:
Plains All American, LP - GHD

2135 S Loop 250 W
Midland, TX 79703

Billing Information:
Accounts Payable
1106 Griffith Dr.
Midland, TX 79706

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

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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: **John Fergerson**

Email To: **john.fergerson@ghd.com;Simon.Kozik@ghd.co**

Project Description: **SRS Darr Angell #1**

City/State Collected: Lea county NM

Please Circle: PT (MT) CT ET

SDG # UL77940

Table # B001

Phone: **432-894-0086**

Client Project # **SRS2008-224**

Lab Project # **PLAINSGHD-SRSANGELL1**

Collected by (print): Hector Orosco

Site/Facility ID # **SRS DARR ANGELL #1**

P.O. #

Acctnum: **PLAINSGHD**

Template: **T224903**

Prelogin: **P1035188**

PM: **829 - Brittnie L Boyd**

PB: LS 11-1-23

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

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

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
DI-MW-17R-110923		GW		11-9-23	1000	3	✓		-01
DI-MW-19R-110923				11-9-23	1015	3	✓		-02
DI-MW-22-110923				11-9-23	1030	3	✓		-03
DI-MW-20R-110923				11-9-23	1100	3	✓		-04
DI-MW-2-110923				11-9-23	1110	3	✓		-05
DI-MW-24-110923				11-9-23	1120	3	✓		-06
DI-MW-18R-110923				11-9-23	1145	3	✓		-07
DI-MW-16R-110923				11-9-23	1200	3	✓		-08
DI-MW-12R-110923				11-9-23	1220	3	✓		-09
DI-MW-11R-110923				11-9-23	1230	3	✓		-10

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No (HCl) / MeoH TBR
	11-13-23	1340		3
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2C/1.8 °C 0.7+0.7 Bottles Received: 47
				If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11.14.23 Time: 8:00
				Hold: Condition: NCF / OK

Company Name/Address:
Plains All American, LP - GHD

2135 S Loop 250 W
Midland, TX 79703

Billing Information:
Accounts Payable
1106 Griffith Dr.
Midland, TX 79706

Pres Chk

Report to:
John Fergerson

Email To:
john.fergerson@ghd.com;Simon.Kozik@ghd.co

Project Description:
SRS Darr Angell #1

City/State Collected: Lea County NM

Please Circle: PT MT CT ET

Phone: **432-894-0086**

Client Project #
SRS2008-224

Lab Project #
PLAINSGHD-SRSANGELL1

Collected by (print):
Hector Orosco

Site/Facility ID #
SRS DARR ANGELL #1

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

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

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl										Remarks	Sample # (lab only)
DI-MW-6-110923		GW		11-9-23	1245	3	✓											-11
DI-RW-12-110923		GW		11-9-23	1300	3	✓											-12
DI-MW-21R-110923		GW		11-9-23	1315	3	✓											-13
DI-MW-25-110923		GW		11-9-23	1330	3	✓											-14
DI-DUP1-110923		GW		11-9-23		3	✓											-15
DI-DUP 2-110923		GW		11-9-23		3	✓											-16
Trip Blank		GW				32	✓											-17
		GW																
		GW																
		GW																

Chain of Custody Page 1 of 1

Pace
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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

SDG # L1607940

Table #

Acctnum: **PLAINSGHD**
Template: **T224903**
Prelogin: **P1035188**
PM: **829 - Brittnie L Boyd**
PB: LP 11-1-23

Shipped Via:

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓ N
COC Signed/Accurate: ✓ N
Bottles arrive intact: ✓ N
Correct bottles used: ✓ N
Sufficient volume sent: ✓ N
If Applicable
VOA Zero Headspace: ___ N
Preservation Correct/Checked: ✓ N
RAD Screen <0.5 mR/hr: ✓ N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Hector Orosco	11-13-23	1340			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11.14.23 Time: 8:00	Hold: Condition: NCF / OK
			9 10		

11/15-NCF-L1677940 PLAINSGHD

R5

Time estimate: oh **Time spent:** oh

Members

Hailey Robertson (responsible) BB Brittnie Boyd

Due on *18 November 2023 8:00 AM* for target *Done*

- [ ] Parameter(s) past holding time
- [ ] Temperature not in range
- [ ] Improper container type
- [ ] pH not in range
- [ ] Insufficient sample volume
- [ ] Sample is biphasic
- [ ] Vials received with headspace
- [ ] Broken container
- [ ] Sufficient sample remains
- [ ] If broken container: Insufficient packing material around container
- [ ] If broken container: Insufficient packing material inside cooler
- [ ] If broken container: Improper handling by carrier:_____
- [ ] If broken container: Sample was frozen
- [ ] If broken container: Container lid not intact
- [ ] Client informed by Call
- [ ] Client informed by Email
- [ ] Client informed by Voicemail
- [x] Date/Time:____11/15 1103_____
- [x] PM initials:_____BB_____
- [ ] Client Contact:_____

Comments

Hailey Robertson *15 November 2023 10:38 AM*

1 vial received broken for ID: MW-22. 2 vials remain.

Brittnie Boyd *15 November 2023 11:03 AM*

Please use unbroken vials.

Hailey Robertson *15 November 2023 11:38 AM*

Done

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 346758

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID: 34053
	Action Number: 346758
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Annual Groundwater Monitoring Report for Darr Angell No. 1: Content Satisfactory 1. May transition groundwater monitoring to a semi-annual schedule until COCs are demonstrating allowable concentrations per the WQCC, then transition to quarterly again. 2. Analyze samples for BTEX EPA Method 8021B for all wells. 3. Continue to conduct O&M for the trailer mounted remediation system and utilize as prescribed. 4. Submit the 2024 Annual Report by April 1, 2025.	6/28/2024