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REVIEWED
By Mike Buchanan at 4:16 pm, Jul 29, 2024

Review of the 2023 Annual Groundwater Monitoring Report for Darr Angell No. 4: content satisfactory
1. Continue with plans to sample on a semi-annual schedule for groundwater constituents (BTEX)
2. Install oil absorbent sock into RW-4R and RW-9 to passively recover residual oil.
3. Submit the 2024 annual report to OCD by April 1, 2025.

Your ref: AP-007
Our ref: 12604524-Buchanan-1

May 13, 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. 4
Plains All American Pipeline, L.P.
Lea County, New Mexico
New Mexico Oil Conservation Division Abatement Permit No. AP-007
Incident Number nAPP2108856592

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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KF/kdn/1

Encl. 2023 Annual Groundwater Monitoring Report

2023 Annual Groundwater Monitoring Report

Darr Angell No. 4
Lea County, New Mexico
NMOCD AP-007
Incident ID #: nAPP2108856592

Plains All American Pipeline, L.P.

May 13, 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 at the Plains All American Pipeline, L.P. (Plains) Darr Angell No. 4 release site (Site) by GHD Services Inc. (GHD). The Site is located approximately 12.4 miles northeast of Lovington and in the NW ¼, NE ¼, Section 11, Township 15 South, Range 37 East; and SW ¼, SE ¼, Section 2, Township 15 South, Range 37 East, in Lea County, New Mexico. The coordinates of this Site are 33.0386° N latitude and 103.1676° W longitude. 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 nAPP2108856592.

There were two separate pipeline releases at the Site. The first release occurred on November 9, 1999, and the second on February 2, 2001. The second release was discovered by Enron Oil Trading and Transportation (EOTT), who notified NMOCD immediately. Details of the release were submitted on a Release Notification and Corrective Action Form (C-141) to the NMOCD on May 21, 2005. The Form C-141 reported the release of 150 barrels (bbls) of crude oil with 95 bbls recovered. The release was reported to have occurred from an 8-inch EOTT pipeline due to internal pipeline corrosion. The NMOCD assigned Abatement Permit (AP) No. AP-007 for the Site's release.

On May 29, 2004, Nova Training and Environmental (NOVA) assumed Site groundwater project management and remediation responsibilities. 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 light non aqueous phase liquid (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 two monitoring wells (MW-3, MW-12) and two recovery wells (RW-3, RW-4) as well as the installation of two new monitoring wells (MW-3R, MW-12R) and four recovery wells (RW-3R, RW-4R, RW-14, RW-15) to maintain delineation of LNAPL and constituents of concern (COCs) in the groundwater. In February and March 2017, GHD provided oversight of the P&A of three monitoring wells (MW-5, MW-8, MW-10) and two recovery wells (RW-5, RW-6) as well as the installation of four new monitoring wells (MW-4R, MW-8R, MW-10R, MW-17) and three recovery wells (RW-5R, RW-16, RW-17) to further delineate the extent of the LNAPL plume and COCs in groundwater. In February and March 2020, GHD provided oversight of the P&A of eight monitoring wells (MW-1A, MW-2, MW-5, MW-6, MW-7, MW-9, MW-11, MW-13) and five recovery wells (RW-1, RW-2, RW-8, RW-10, RW-12) as well as the installation of three new recovery wells (RW-10R, RW-18, RW-19). In April 2022, GHD provided oversight of the installation of seven new monitoring wells (MW-1R, MW-2R, MW-5R, MW-7R, MW-11R, MW-13R, MW-18) 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 monitoring and recovery wells which are monitored quarterly to monitor 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 (PAH). 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 milligrams per Liter (mg/L) for PAH compounds with no NMWQCC standard, as required by the NMOCD. No groundwater samples were submitted for analysis of PAH in 2023 due to the lack of sampleable monitoring and recovery wells meeting the criteria of two consecutive years with 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 9 - 10 and 16 - 17, May 2 - 3, August 9 - 10, and November 9 and 13, 2023. The February monitoring event was split due to weather conditions at the site. The monitoring program included quarterly groundwater gauging and sampling of monitoring and recovery wells.

2.1 Monitoring Well Gauging

On February 9 and 17, May 2 and 3, August 9 and 10, and November 9, 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 east/northeast and is consistent with historical data for the Site. The groundwater gradient was calculated at 0.0011 foot per linear foot (ft/ft) in February, 0.0011 ft/ft in May, 0.00088 ft/ft in August, and 0.0035 ft/ft in November. The potentiometric surface indicates groundwater elevations increased an average of 1.26 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.

Six (RW-3R, RW-4R, RW-9, RW-10R, RW-17, and RW-18) of the thirty monitoring and recovery wells at the Site contained LNAPL throughout 2023 with measurable thicknesses ranging from 0.01 feet (ft.) in RW-4R and RW-18 during August and November 2023, respectively to 3.01 ft. in RW-9 during November 2023 LNAPL thickness increased an average of 0.011 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 allowed to recover before collecting a groundwater sample. Purged water recovered during the monitoring events was placed into the Site's above-ground storage tank (AST) pending disposal. Purge water was periodically transported off-Site to, and disposed at, a NMOCD-approved disposal facility as directed by Plains. 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.

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 quarters in 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. 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 disposed into the Site's AST pending disposal. Purge water was periodically transported off-Site to, and disposed at, a NMOCD-approved disposal facility. Disposal records are available upon request. Approximately 707 gallons of LNAPL were recovered in 2023.

Enhanced fluid recovery (EFR) events occurred semi-annually on recovery wells with LNAPL. On June 29, 2023, EFR was conducted on recovery well RW-3R in which 155 gallons of LNAPL were recovered. EFR was conducted on recovery wells RW-18 and RW-10R on September 28, 2023; however, fluid was not able to be recovered from either well during this event. LNAPL recovered during EFR events was transported off-Site for disposal to an NMOCD-approved disposal facility. Disposal records are available upon request.

4. Summary and Recommendation

4.1 Summary

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

– LNAPL was gauged in six of the thirty monitoring and recovery wells at the Site with thicknesses ranging from approximately 0.01 ft. to 3.01 ft. LNAPL thickness increased an average of 0.011 ft. between November 2022 and November 2023.
– The potentiometric surface indicates groundwater elevations have increased an average of 1.26 ft. between November 2022 and November 2023. This is attributed to seasonal weather conditions.
– 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 707 gallons of NAPL recovered.
– Semi-annual EFR events recovered approximately 155 gallons of LNAPL.

4.2 Recommendation

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.
– Install oil absorbent socks into RW-4R and RW-9 to passively recover residual LNAPL.

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. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-1A	2/19/20	P&A	--	--	--	--	--
MW-1R	4/16/20	3800.69	75.77	--	--	3724.92	93.03
MW-1R	5/1/20	3800.69	75.89	--	--	3724.80	-
MW-1R	5/12/20	3800.69	75.90	--	--	3724.79	-
MW-1R	6/19/20	3800.69	76.01	--	--	3724.68	-
MW-1R	7/29/20	3800.69	76.12	--	--	3724.57	-
MW-1R	8/24/20	3800.69	76.17	--	--	3724.52	-
MW-1R	9/14/20	3800.69	76.25	--	--	3724.44	-
MW-1R	11/2/20	3800.69	76.37	--	--	3724.32	-
MW-1R	12/11/20	3800.69	76.48	--	--	3724.21	--
MW-1R	1/26/21	3800.69	76.62	--	--	3724.07	--
MW-1R	2/9/21	3800.69	76.62	--	--	3724.07	92.72
MW-1R	3/25/21	3800.69	76.75	--	--	3723.94	--
MW-1R	4/28/21	3800.69	76.83	--	--	3723.86	--
MW-1R	5/20/21	3800.69	76.90	--	--	3723.79	--
MW-1R	7/26/21	3800.69	77.06	--	--	3723.63	--
MW-1R	8/12/21	3800.69	77.11	--	--	3723.58	92.75
MW-1R	9/28/21	3800.69	77.22	--	--	3723.47	92.72
MW-1R	10/25/21	3800.69	77.26	--	--	3723.43	92.72
MW-1R	11/11/21	3800.69	77.30	--	--	3723.39	92.72
MW-1R	12/22/21	3800.69	77.39	--	--	3723.30	92.72
MW-1R	1/28/22	3800.69	77.53	--	--	3723.16	92.72
MW-1R	2/14/22	3800.69	77.56	--	--	3723.13	92.68
MW-1R	3/14/22	3800.69	77.67	--	--	3723.02	92.68
MW-1R	4/14/22	3800.69	77.78	--	--	3722.91	92.68
MW-1R	5/6/22	3800.69	77.75	--	--	3722.94	92.68
MW-1R	6/13/22	3800.69	77.89	--	--	3722.80	92.68
MW-1R	8/15/22	3800.69	78.06	--	--	3722.63	92.68
MW-1R	11/9/22	3800.69	78.27	--	--	3722.42	92.68
MW-1R	2/9/23	3800.69	78.57	--	--	3722.12	92.78
MW-1R	5/2/23	3800.69	78.82	--	--	3721.87	92.78
MW-1R	11/9/23	3800.82	79.16	--	--	3721.66	--
MW-2	2/19/20	P&A	--	--	--	--	--
MW-2R	4/13/20	--	--	--	--	--	--
MW-2R	4/16/20	3796.94	72.07	--	--	3724.87	92.55
MW-2R	5/1/20	3796.94	72.20	--	--	3724.74	--
MW-2R	5/12/20	3796.94	72.20	--	--	3724.74	--
MW-2R	6/19/20	3796.94	72.31	--	--	3724.63	--
MW-2R	7/29/20	3796.94	72.42	--	--	3724.52	--
MW-2R	8/24/20	3796.94	72.50	--	--	3724.44	--
MW-2R	9/14/20	3796.94	72.55	--	--	3724.39	--
MW-2R	11/2/20	3796.94	72.68	--	--	3724.26	--
MW-2R	12/11/20	3796.94	72.77	--	--	3724.17	--
MW-2R	1/26/21	3796.94	72.93	--	--	3724.01	--
MW-2R	2/9/21	3796.94	72.92	--	--	3724.02	92.64
MW-2R	3/25/21	3796.94	73.05	--	--	3723.89	--
MW-2R	4/28/21	3796.94	73.12	--	--	3723.82	--
MW-2R	5/20/21	3796.94	73.19	--	--	3723.75	--
MW-2R	7/26/21	3796.94	73.33	--	--	3723.61	--
MW-2R	8/12/21	3796.94	73.38	--	--	3723.56	92.63
MW-2R	9/28/21	3796.94	73.49	--	--	3723.45	92.64

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
MW-2R	10/25/21	3796.94	73.54	--	--	3723.40	92.64
MW-2R	11/11/21	3796.94	73.58	--	--	3723.36	92.64
MW-2R	12/22/21	3796.94	73.67	--	--	3723.27	92.64
MW-2R	1/28/22	3796.94	73.79	--	--	3723.15	92.64
MW-2R	2/14/22	3796.94	73.82	--	--	3723.12	91.91
MW-2R	3/14/22	3796.94	73.94	--	--	3723.00	91.91
MW-2R	4/14/22	3796.94	74.01	--	--	3722.93	91.91
MW-2R	5/6/22	3796.94	74.02	--	--	3722.92	91.91
MW-2R	6/13/22	3796.94	74.14	--	--	3722.80	91.91
MW-2R	8/15/22	3796.94	74.29	--	--	3722.65	91.91
MW-2R	11/9/22	3796.94	74.50	--	--	3722.44	91.91
MW-2R	2/9/23	3796.94	74.77	--	--	3722.17	91.82
MW-2R	5/2/23	3796.94	75.06	--	--	3721.88	91.82
MW-2R	8/9/23	3796.94	75.17	--	--	3721.77	91.82
MW-2R	11/9/23	3797.13	75.42	--	--	3721.71	--
MW-3R	2/12/20	3799.85	74.73	--	--	3725.12	84.29
MW-3R	5/1/20	3799.85	74.91	--	--	3724.94	--
MW-3R	5/12/20	3799.85	74.90	--	--	3724.95	--
MW-3R	6/19/20	3799.85	75.00	--	--	3724.85	--
MW-3R	7/29/20	3799.85	75.11	--	--	3724.74	--
MW-3R	8/24/20	3799.85	75.18	--	--	3724.67	--
MW-3R	9/14/20	3799.85	75.23	--	--	3724.62	--
MW-3R	11/2/20	3799.85	75.35	--	--	3724.50	--
MW-3R	12/11/20	3799.85	75.44	--	--	3724.41	--
MW-3R	1/26/21	3799.85	75.59	--	--	3724.26	--
MW-3R	2/9/21	3799.85	75.63	--	--	3724.22	84.45
MW-3R	3/25/21	3799.85	75.74	--	--	3724.11	--
MW-3R	4/28/21	3799.85	75.81	--	--	3724.04	--
MW-3R	5/20/21	3799.85	75.89	--	--	3723.96	--
MW-3R	7/26/21	3799.85	76.03	--	--	3723.82	--
MW-3R	8/12/21	3799.85	76.09	--	--	3723.76	84.72
MW-3R	9/28/21	3799.85	76.18	--	--	3723.67	84.45
MW-3R	10/25/21	3799.85	76.20	--	--	3723.65	84.45
MW-3R	11/11/21	3799.85	76.24	--	--	3723.61	84.45
MW-3R	12/22/21	3799.85	76.37	--	--	3723.48	84.45
MW-3R	1/28/22	3799.85	76.48	--	--	3723.37	84.45
MW-3R	2/14/22	3799.85	76.51	--	--	3723.34	83.82
MW-3R	3/14/22	3799.85	76.61	--	--	3723.24	83.82
MW-3R	4/14/22	3799.85	76.87	--	--	3722.98	83.82
MW-3R	5/5/22	3799.85	76.72	--	--	3723.13	83.82
MW-3R	6/13/22	3799.85	76.84	--	--	3723.01	83.82
MW-3R	8/15/22	3799.85	77.00	--	--	3722.85	83.82
MW-3R	11/9/22	3799.85	77.21	--	--	3722.64	83.82
MW-3R	2/9/23	3799.85	77.57	--	--	3722.28	83.87
MW-3R	5/2/23	3799.85	77.65	--	--	3722.20	83.87
MW-3R	8/9/23	3799.85	77.87	--	--	3721.98	83.87
MW-3R	11/9/23	3799.57	78.11	--	--	3721.46	--
MW-4R	2/12/20	3799.39	73.94	--	--	3725.45	89.89
MW-4R	5/1/20	3799.39	74.12	--	--	3725.27	--
MW-4R	5/12/20	3799.39	74.14	--	--	3725.25	--
MW-4R	6/19/20	3799.39	74.21	--	--	3725.18	--
MW-4R	7/29/20	3799.39	74.34	--	--	3725.05	--

Table 1a

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
MW-4R	8/24/20	3799.39	74.40	--	--	3724.99	--
MW-4R	9/14/20	3799.39	74.49	--	--	3724.90	--
MW-4R	11/2/20	3799.39	74.59	--	--	3724.80	--
MW-4R	12/11/20	3799.39	74.70	--	--	3724.69	--
MW-4R	1/26/21	3799.39	74.50	--	--	3724.89	--
MW-4R	2/9/21	3799.39	74.85	--	--	3724.54	90.22
MW-4R	3/25/21	3799.39	74.98	--	--	3724.41	--
MW-4R	4/28/21	3799.39	75.06	--	--	3724.33	--
MW-4R	5/20/21	3799.39	75.13	--	--	3724.26	--
MW-4R	7/26/21	3799.39	76.29	--	--	3723.10	--
MW-4R	8/12/21	3799.39	74.36	--	--	3725.03	90.23
MW-4R	9/28/21	3799.39	74.45	--	--	3724.94	90.22
MW-4R	10/25/21	3799.39	74.48	--	--	3724.91	90.22
MW-4R	11/11/21	3799.39	75.52	--	--	3723.87	90.22
MW-4R	12/22/21	3799.39	75.64	--	--	3723.75	90.22
MW-4R	1/28/22	3799.39	75.77	--	--	3723.62	90.22
MW-4R	2/14/22	3799.39	75.78	--	--	3723.61	90.11
MW-4R	3/14/22	3799.39	75.89	--	--	3723.50	90.11
MW-4R	4/14/22	3799.39	76.01	--	--	3723.38	90.11
MW-4R	5/5/22	3799.39	75.99	--	--	3723.40	90.11
MW-4R	6/13/22	3799.39	76.12	--	--	3723.27	90.11
MW-4R	8/15/22	3799.39	76.27	--	--	3723.12	90.11
MW-4R	11/9/22	3799.39	76.48	--	--	3722.91	90.11
MW-4R	2/9/23	3799.39	76.77	--	--	3722.62	90.22
MW-4R	5/2/23	3799.39	76.93	--	--	3722.46	90.22
MW-4R	8/10/23	3799.14	77.18	--	--	3721.96	90.22
MW-4R	11/9/23	3799.14	77.38	--	--	3721.76	--
MW-5	2/19/20	P&A	--	--	--	--	--
MW-5R	4/16/20	3798.50	73.50	--	--	3725.00	92.85
MW-5R	5/1/20	3798.50	73.53	--	--	3724.97	--
MW-5R	5/12/20	3798.50	73.56	--	--	3724.94	--
MW-5R	6/19/20	3798.50	73.64	--	--	3724.86	--
MW-5R	7/29/20	3798.50	73.77	--	--	3724.73	--
MW-5R	8/24/20	3798.50	73.81	--	--	3724.69	--
MW-5R	9/14/20	3798.50	73.90	--	--	3724.60	--
MW-5R	11/2/20	3798.50	74.01	--	--	3724.49	--
MW-5R	12/11/20	3798.50	74.11	--	--	3724.39	--
MW-5R	1/26/21	3798.50	74.26	--	--	3724.24	--
MW-5R	2/9/21	3798.50	74.27	--	--	3724.23	92.72
MW-5R	3/25/21	3798.50	74.39	--	--	3724.11	--
MW-5R	4/28/21	3798.50	74.48	--	--	3724.02	--
MW-5R	5/20/21	3798.50	74.54	--	--	3723.96	--
MW-5R	7/26/21	3798.50	74.70	--	--	3723.80	--
MW-5R	8/12/21	3798.50	74.74	--	--	3723.76	92.75
MW-5R	9/28/21	3798.50	74.87	--	--	3723.63	90.72
MW-5R	10/25/21	3798.50	74.89	--	--	3723.61	90.72
MW-5R	11/11/21	3798.50	74.93	--	--	3723.57	90.72
MW-5R	12/22/21	3798.50	75.04	--	--	3723.46	90.72
MW-5R	1/28/22	3798.50	75.14	--	--	3723.36	90.72
MW-5R	2/14/22	3798.50	75.19	--	--	3723.31	92.78
MW-5R	3/14/22	3798.50	75.30	--	--	3723.20	92.78
MW-5R	4/14/22	3798.50	75.41	--	--	3723.09	92.78

Table 1a

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-5R	5/6/22	3798.50	75.40	--	--	3723.10	92.78
MW-5R	6/13/22	3798.50	75.52	--	--	3722.98	92.78
MW-5R	8/15/22	3798.50	75.67	--	--	3722.83	92.78
MW-5R	11/9/22	3798.50	75.90	--	--	3722.60	92.78
MW-5R	2/9/23	3798.50	76.23	--	--	3722.27	92.71
MW-5R	5/2/23	3798.50	76.54	--	--	3721.96	92.71
MW-5R	8/10/23	3798.61	76.60	--	--	3722.01	92.71
MW-5R	11/9/23	3798.61	76.77	--	--	3721.84	--
MW-6	2/19/20	P&A	--	--	--	--	--
MW-7	2/19/20	P&A	--	--	--	--	--
MW-7R	4/16/20	3798.04	72.87	--	--	3725.17	92.65
MW-7R	5/1/20	3798.04	72.99	--	--	3725.05	--
MW-7R	5/12/20	3798.04	73.91	--	--	3724.13	--
MW-7R	6/19/20	3798.04	73.10	--	--	3724.94	--
MW-7R	7/29/20	3798.04	73.22	--	--	3724.82	--
MW-7R	8/24/20	3798.04	73.27	--	--	3724.77	--
MW-7R	9/14/20	3798.04	73.36	--	--	3724.68	--
MW-7R	11/2/20	3798.04	73.48	--	--	3724.56	--
MW-7R	12/11/20	3798.04	73.58	--	--	3724.46	--
MW-7R	1/26/21	3798.04	73.73	--	--	3724.31	--
MW-7R	2/9/21	3798.04	73.73	--	--	3724.31	92.93
MW-7R	3/25/21	3798.04	73.86	--	--	3724.18	--
MW-7R	4/28/21	3798.04	73.92	--	--	3724.12	--
MW-7R	5/20/21	3798.04	74.03	--	--	3724.01	--
MW-7R	7/26/21	3798.04	74.13	--	--	3723.91	--
MW-7R	8/12/21	3798.04	74.19	--	--	3723.85	92.73
MW-7R	9/28/21	3798.04	74.31	--	--	3723.73	92.93
MW-7R	10/25/21	3798.04	74.36	--	--	3723.68	92.93
MW-7R	11/11/21	3798.04	74.39	--	--	3723.65	92.93
MW-7R	12/22/21	3798.04	74.50	--	--	3723.54	92.93
MW-7R	1/28/22	3798.04	74.61	--	--	3723.43	92.93
MW-7R	2/14/22	3798.04	74.64	--	--	3723.40	92.82
MW-7R	3/14/22	3798.04	74.78	--	--	3723.26	92.82
MW-7R	4/14/22	3798.04	74.86	--	--	3723.18	92.82
MW-7R	5/6/22	3798.04	74.83	--	--	3723.21	92.82
MW-7R	6/13/22	3798.04	74.98	--	--	3723.06	92.82
MW-7R	8/15/22	3798.04	75.13	--	--	3722.91	92.82
MW-7R	11/9/22	3798.04	75.35	--	--	3722.69	92.82
MW-7R	2/9/23	3798.04	75.71	--	--	3722.33	92.67
MW-7R	5/2/23	3798.04	75.98	--	--	3722.06	92.67
MW-7R	8/9/23	3798.04	76.61	--	--	3721.43	92.67
MW-7R	11/9/23	3798.12	76.19	--	--	3721.93	--
MW-8R	2/12/20	3798.47	73.14	-	--	3725.33	88.95
MW-8R	3/18/20	3798.47	--	--	--	--	--
MW-8R	4/8/20	3798.47	75.12	--	--	3723.35	--
MW-8R	5/1/20	3798.47	73.30	--	--	3725.17	--
MW-8R	5/12/20	3798.47	73.32	--	--	3725.15	--
MW-8R	6/19/20	3798.47	73.38	--	--	3725.09	--
MW-8R	7/29/20	3798.47	73.54	--	--	3724.93	--
MW-8R	8/24/20	3798.47	73.57	--	--	3724.90	--
MW-8R	9/14/20	3798.47	73.68	--	--	3724.79	--

Table 1a

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
MW-8R	11/2/20	3798.47	73.75	--	--	3724.72	--
MW-8R	12/11/20	3798.47	73.86	--	--	3724.61	--
MW-8R	1/26/21	3798.47	74.03	--	--	3724.44	--
MW-8R	2/9/21	3798.47	74.05	--	--	3724.42	88.77
MW-8R	3/25/21	3798.47	74.15	--	--	3724.32	--
MW-8R	4/28/21	3798.47	74.20	--	--	3724.27	--
MW-8R	5/20/21	3798.47	74.30	--	--	3724.17	--
MW-8R	7/26/21	3798.47	74.43	--	--	3724.04	--
MW-8R	8/12/21	3798.47	74.48	--	--	3723.99	88.90
MW-8R	9/28/21	3798.47	74.60	--	--	3723.87	88.77
MW-8R	10/25/21	3798.47	74.65	--	--	3723.82	88.77
MW-8R	11/11/21	3798.47	74.70	--	--	3723.77	88.77
MW-8R	12/22/21	3798.47	74.75	--	--	3723.72	88.77
MW-8R	1/28/22	3798.47	74.92	--	--	3723.55	88.77
MW-8R	2/14/22	3798.47	74.94	--	--	3723.53	88.11
MW-8R	3/14/22	3798.47	75.06	--	--	3723.41	88.11
MW-8R	4/14/22	3798.47	75.10	--	--	3723.37	88.11
MW-8R	5/5/22	3798.47	75.13	--	--	3723.34	88.11
MW-8R	6/13/22	3798.47	75.27	--	--	3723.20	88.11
MW-8R	8/15/22	3798.47	75.41	--	--	3723.06	88.11
MW-8R	11/9/22	3798.47	75.61	--	--	3722.86	88.11
MW-8R	2/9/23	3798.47	75.99	--	--	3722.48	88.10
MW-8R	5/3/23	3798.47	76.08	--	--	3722.39	88.10
MW-8R	8/9/23	3798.47	76.31	--	--	3722.16	88.10
MW-8R	11/9/23	3798.19	76.48	--	--	3721.71	--
MW-9	2/19/20	P&A	--	--	--	--	--
MW-10R	2/12/20	3797.99	72.95	--	--	3725.04	79.30
MW-10R	5/1/20	3797.99	73.12	--	--	3724.87	--
MW-10R	5/12/20	3797.99	73.15	--	--	3724.84	--
MW-10R	6/19/20	3797.99	73.21	--	--	3724.78	--
MW-10R	7/29/20	3797.99	73.35	--	--	3724.64	--
MW-10R	8/24/20	3797.99	73.41	--	--	3724.58	--
MW-10R	9/14/20	3797.99	73.47	--	--	3724.52	--
MW-10R	11/2/20	3797.99	73.57	--	--	3724.42	--
MW-10R	12/11/20	3797.99	73.66	--	--	3724.33	--
MW-10R	1/26/21	3797.99	73.82	--	--	3724.17	--
MW-10R	2/9/21	3797.99	73.84	--	--	3724.15	89.09
MW-10R	3/25/21	3797.99	73.95	--	--	3724.04	--
MW-10R	4/28/21	3797.99	74.02	--	--	3723.97	--
MW-10R	7/26/21	3797.99	74.25	--	--	3723.74	--
MW-10R	5/20/21	3797.99	74.09	--	--	3723.90	--
MW-10R	8/12/21	3797.99	74.29	--	--	3723.70	89.09
MW-10R	9/28/21	3797.99	74.39	--	--	3723.60	89.09
MW-10R	10/25/21	3797.99	74.44	--	--	3723.55	89.09
MW-10R	11/11/21	3797.99	74.49	--	--	3723.50	89.09
MW-10R	12/22/21	3797.99	74.59	--	--	3723.40	89.09
MW-10R	1/28/22	3797.99	74.71	--	--	3723.28	89.09
MW-10R	2/14/22	3797.99	74.72	--	--	3723.27	88.89
MW-10R	3/14/22	3797.99	74.82	--	--	3723.17	88.89
MW-10R	4/14/22	3797.99	75.01	--	--	3722.98	88.89
MW-10R	5/5/22	3797.99	74.93	--	--	3723.06	88.89
MW-10R	6/13/22	3797.99	75.05	--	--	3722.94	88.89

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
MW-10R	8/15/22	3797.99	75.22	--	--	3722.77	88.89
MW-10R	11/9/22	3797.99	75.41	--	--	3722.58	88.89
MW-10R	2/9/23	3797.99	75.69	--	--	3722.30	88.89
MW-10R	5/3/23	3797.99	75.87	--	--	3722.12	88.89
MW-10R	8/9/23	3797.99	76.10	--	--	3721.89	88.89
MW-10R	11/9/23	3797.76	76.31	--	--	3721.45	--
MW-11	2/19/20	P&A	--	--	--	--	--
MW-11R	4/16/20	3798.21	73.66	--	--	3724.55	92.80
MW-11R	5/1/20	3798.21	73.77	--	--	3724.44	--
MW-11R	5/12/20	3798.21	73.80	--	--	3724.41	--
MW-11R	6/19/20	3798.21	73.91	--	--	3724.30	--
MW-11R	7/29/20	3798.21	74.00	--	--	3724.21	--
MW-11R	8/24/20	3798.21	74.07	--	--	3724.14	--
MW-11R	9/14/20	3798.21	74.13	--	--	3724.08	--
MW-11R	11/2/20	3798.21	74.25	--	--	3723.96	--
MW-11R	12/11/20	3798.21	74.35	--	--	3723.86	--
MW-11R	1/26/21	3798.21	74.49	--	--	3723.72	--
MW-11R	2/9/21	3798.21	74.51	--	--	3723.70	92.84
MW-11R	3/25/21	3798.21	74.63	--	--	3723.58	--
MW-11R	4/28/21	3798.21	74.69	--	--	3723.52	--
MW-11R	5/20/21	3798.21	74.75	--	--	3723.46	--
MW-11R	7/26/21	3798.21	74.92	--	--	3723.29	--
MW-11R	8/12/21	3798.21	74.97	--	--	3723.24	92.88
MW-11R	9/28/21	3798.21	75.08	--	--	3723.13	92.84
MW-11R	10/25/21	3798.21	75.11	--	--	3723.10	92.84
MW-11R	11/11/21	3798.21	75.16	--	--	3723.05	92.84
MW-11R	12/22/21	3798.21	75.26	--	--	3722.95	92.84
MW-11R	1/28/22	3798.21	75.37	--	--	3722.84	92.84
MW-11R	2/14/22	3798.21	75.39	--	--	3722.82	92.69
MW-11R	3/14/22	3798.21	75.50	--	--	3722.71	92.69
MW-11R	4/14/22	3798.21	75.62	--	--	3722.59	92.69
MW-11R	5/6/22	3798.21	75.61	--	--	3722.60	92.69
MW-11R	6/13/22	3798.21	75.74	--	--	3722.47	92.69
MW-11R	7/27/22	3798.21	75.83	--	--	3722.38	92.69
MW-11R	8/15/22	3798.21	75.89	--	--	3722.32	92.69
MW-11R	11/9/22	3798.21	76.10	--	--	3722.11	92.69
MW-11R	2/9/23	3798.21	76.39	--	--	3721.82	92.58
MW-11R	5/3/23	3798.21	76.72	--	--	3721.49	92.58
MW-11R	8/10/23	3798.33	76.79	--	--	3721.54	92.58
MW-11R	11/9/23	3798.33	76.99	--	--	3721.34	--
MW-12R	2/12/20	3800.06	75.09	--	--	3724.97	80.11
MW-12R	5/1/20	3800.06	75.22	--	--	3724.84	--
MW-12R	5/12/20	3800.06	75.24	--	--	3724.82	--
MW-12R	6/19/20	3800.06	75.32	--	--	3724.74	--
MW-12R	7/29/20	3800.06	75.44	--	--	3724.62	--
MW-12R	8/24/20	3800.06	75.50	--	--	3724.56	--
MW-12R	9/14/20	3800.06	75.55	--	--	3724.51	--
MW-12R	11/2/20	3800.06	75.72	--	--	3724.34	--
MW-12R	12/11/20	3800.06	75.78	--	--	3724.28	--
MW-12R	1/26/21	3800.06	75.93	--	--	3724.13	--
MW-12R	2/9/21	3800.06	75.96	--	--	3724.10	79.56

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MW-12R	3/25/21	3800.06	76.08	--	--	3723.98	--
MW-12R	4/28/21	3800.06	74.38	--	--	3725.68	--
MW-12R	5/20/21	3800.06	76.21	--	--	3723.85	--
MW-12R	7/26/21	3800.06	76.39	--	--	3723.67	79.42
MW-12R	8/12/21	3800.06	76.44	--	--	3723.62	79.48
MW-12R	9/28/21	3800.06	76.55	--	--	3723.51	79.56
MW-12R	10/25/21	3800.06	76.58	--	--	3723.48	79.56
MW-12R	11/11/21	3800.06	76.63	--	--	3723.43	79.56
MW-12R	12/22/21	3800.06	76.73	--	--	3723.33	79.56
MW-12R	1/28/22	3800.06	76.85	--	--	3723.21	79.56
MW-12R	2/14/22	3800.06	76.86	--	--	3723.20	79.35
MW-12R	3/14/22	3800.06	76.94	--	--	3723.12	79.35
MW-12R	4/14/22	3800.06	77.22	--	--	3722.84	79.35
MW-12R	5/5/22	3800.06	77.08	--	--	3722.98	79.35
MW-12R	6/13/22	3800.06	77.20	--	--	3722.86	79.35
MW-12R	7/27/22	3800.06	77.24	--	--	3722.82	79.35
MW-12R	8/15/22	3800.06	77.35	--	--	3722.71	79.35
MW-12R	11/9/22	3800.06	77.56	--	--	3722.50	79.35
MW-12R	2/9/23	3800.06	77.83	--	--	3722.23	79.31
MW-12R	5/3/23	3800.06	78.05	--	--	3722.01	79.31
MW-12R	8/10/23	3799.81	78.25	--	--	3721.56	79.31
MW-12R	11/9/23	3799.81	78.45	--	--	3721.36	--
MW-13	2/19/20	P&A	--	--	--	--	--
MW-13R	4/16/20	3800.21	75.56	--	--	3724.65	92.70
MW-13R	5/1/20	3800.21	75.68	--	--	3724.53	--
MW-13R	5/12/20	3800.21	75.70	--	--	3724.51	--
MW-13R	6/19/20	3800.21	75.82	--	--	3724.39	--
MW-13R	7/29/20	3800.21	75.90	--	--	3724.31	--
MW-13R	8/24/20	3800.21	75.98	--	--	3724.23	--
MW-13R	9/14/20	3800.21	76.04	--	--	3724.17	--
MW-13R	11/2/20	3800.21	75.15	--	--	3725.06	--
MW-13R	12/11/20	3800.21	76.26	--	--	3723.95	--
MW-13R	1/26/21	3800.21	76.41	--	--	3723.80	--
MW-13R	2/9/21	3800.21	76.45	--	--	3723.76	92.50
MW-13R	3/25/21	3800.21	76.55	--	--	3723.66	--
MW-13R	4/28/21	3800.21	76.62	--	--	3723.59	--
MW-13R	5/20/21	3800.21	76.67	--	--	3723.54	--
MW-13R	7/26/21	3800.21	76.82	--	--	3723.39	--
MW-13R	8/12/21	3800.21	76.87	--	--	3723.34	92.52
MW-13R	9/28/21	3800.21	76.98	--	--	3723.23	92.50
MW-13R	10/25/21	3800.21	77.01	--	--	3723.20	92.50
MW-13R	11/11/21	3800.21	77.08	--	--	3723.13	92.50
MW-13R	12/22/21	3800.21	77.14	--	--	3723.07	92.50
MW-13R	1/28/22	3800.21	77.26	--	--	3722.95	92.50
MW-13R	2/14/22	3800.21	77.32	--	--	3722.89	92.59
MW-13R	3/14/22	3800.21	77.41	--	--	3722.80	92.59
MW-13R	4/14/22	3800.21	77.54	--	--	3722.67	92.59
MW-13R	5/6/22	3800.21	77.53	--	--	3722.68	92.59
MW-13R	6/13/22	3800.21	77.65	--	--	3722.56	92.59
MW-13R	7/27/22	3800.21	77.74	--	--	3722.47	92.59
MW-13R	8/15/22	3800.21	77.81	--	--	3722.40	92.59
MW-13R	11/9/22	3800.21	77.93	--	--	3722.28	92.59

Table 1a

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-13R	2/9/23	3800.21	78.35	--	--	3721.86	92.59
MW-13R	5/3/23	3800.21	78.64	--	--	3721.57	92.59
MW-13R	8/10/23	3800.32	78.73	--	--	3721.59	92.59
MW-13R	11/9/23	3800.32	78.94	--	--	3721.38	--
MW-14	2/12/20	3798.18	72.94	--	--	3725.24	73.15
MW-14	5/1/20	3798.18	Dry	--	--	--	--
MW-14	5/12/20	3798.18	Dry	--	--	--	--
MW-14	6/19/20	3798.18	Dry	--	--	--	--
MW-14	7/29/20	3798.18	Dry	--	--	--	73.04
MW-14	8/24/20	3798.18	Dry	--	--	--	72.97
MW-14	9/14/20	3798.18	73.00	--	--	3725.18	-
MW-14	11/2/20	3798.18	Dry	--	--	--	72.99
MW-14	12/11/20	3798.18	Dry	--	--	--	73.00
MW-14	1/26/21	3798.18	Dry	--	--	--	72.98
MW-14	2/9/21	3798.18	Dry	--	--	--	73.10
MW-14	3/25/21	3798.18	Dry	--	--	--	72.98
MW-14	4/28/21	3798.18	Dry	--	--	--	73.05
MW-14	5/20/21	3798.18	Dry	--	--	--	72.96
MW-14	7/26/21	3798.18	Dry	--	--	--	72.48
MW-14	8/12/21	3798.18	Dry	--	--	--	73.03
MW-14	9/28/21	3798.18	Dry	--	--	--	73.10
MW-14	10/25/21	3798.18	Dry	--	--	--	73.10
MW-14	11/11/21	3798.18	Dry	--	--	--	73.10
MW-14	12/22/21	3798.18	Dry	--	--	--	73.10
MW-14	1/28/22	3798.18	Dry	--	--	--	73.10
MW-14	2/14/22	3798.18	Dry	--	--	--	72.98
MW-14	3/14/22	3798.18	Dry	--	--	--	72.98
MW-14	4/14/22	3798.18	Dry	--	--	--	72.98
MW-14	5/5/22	3798.18	Dry	--	--	--	72.98
MW-14	6/13/22	3798.18	Dry	--	--	--	72.98
MW-14	7/27/22	3798.18	Dry	--	--	--	72.98
MW-14	8/15/22	3798.18	Dry	--	--	--	72.98
MW-14	11/9/22	3798.18	--	--	--	--	72.98
MW-14	2/9/23	3798.18	--	--	--	--	73.00
MW-14	5/3/23	3798.18	--	--	--	--	73.00
MW-14	8/9/23	3798.18	--	--	--	--	73.00
MW-14	11/9/23	3798.18	--	--	--	--	--
MW-15	2/12/20	3798.04	73.11	--	--	3724.93	74.45
MW-15	5/1/20	3798.04	73.44	--	--	3724.60	--
MW-15	5/12/20	3798.04	73.28	--	--	3724.76	--
MW-15	6/19/20	3798.04	73.38	--	--	3724.66	--
MW-15	7/29/20	3798.04	73.46	--	--	3724.58	--
MW-15	8/24/20	3798.04	73.52	--	--	3724.52	--
MW-15	9/14/20	3798.04	73.59	--	--	3724.45	--
MW-15	11/2/20	3798.04	Dry	--	--	--	73.65
MW-15	12/11/20	3798.04	Dry	--	--	--	73.67
MW-15	1/26/21	3798.04	Dry	--	--	--	73.62
MW-15	2/9/21	3798.04	Dry	--	--	--	73.70
MW-15	3/25/21	3798.04	Dry	--	--	--	73.63
MW-15	4/28/21	3798.04	Dry	--	--	--	73.70
MW-15	5/20/21	3798.04	Dry	--	--	--	73.62
MW-15	7/26/21	3798.04	Dry	--	--	--	73.62

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
MW-15	8/12/21	3798.04	Dry	--	--	--	73.70
MW-15	9/28/21	3798.04	Dry	--	--	--	73.70
MW-15	10/25/21	3798.04	Dry	--	--	--	73.70
MW-15	11/11/21	3798.04	Dry	--	--	--	73.70
MW-15	12/22/21	3798.04	Dry	--	--	--	73.70
MW-15	1/28/22	3798.04	Dry	--	--	--	73.70
MW-15	2/14/22	3798.04	Dry	--	--	--	73.60
MW-15	3/14/22	3798.04	Dry	--	--	--	73.60
MW-15	4/14/22	3798.04	Dry	--	--	--	73.60
MW-15	5/5/22	3798.04	Dry	--	--	--	73.60
MW-15	6/13/22	3798.04	Dry	--	--	--	73.60
MW-15	7/27/22	3798.04	Dry	--	--	--	73.60
MW-15	8/15/22	3798.04	Dry	--	--	--	73.60
MW-15	11/9/22	3798.04	--	--	--	--	73.60
MW-15	2/9/23	3798.04	--	--	--	--	73.65
MW-15	5/2/23	3798.04	--	--	--	--	73.65
MW-15	8/9/23	3798.04	--	--	--	--	73.65
MW-15	11/9/23	3798.04	--	--	--	--	--
MW-16	2/12/20	3798.01	72.48	--	--	3725.53	74.66
MW-16	5/1/20	3798.01	72.70	--	--	3725.31	--
MW-16	5/12/20	3798.01	72.68	--	--	3725.33	--
MW-16	6/19/20	3798.01	72.83	--	--	3725.18	--
MW-16	7/29/20	3798.01	72.88	--	--	3725.13	--
MW-16	8/24/20	3798.01	72.95	--	--	3725.06	--
MW-16	9/14/20	3798.01	73.00	--	--	3725.01	--
MW-16	11/2/20	3798.01	73.14	--	--	3724.87	--
MW-16	12/11/20	3798.01	73.23	--	--	3724.78	--
MW-16	1/26/21	3798.01	73.38	--	--	3724.63	--
MW-16	2/9/21	3798.01	73.40	--	--	3724.61	73.97
MW-16	3/25/21	3798.01	73.52	--	--	3724.49	--
MW-16	4/28/21	3798.01	73.57	--	--	3724.44	--
MW-16	5/20/21	3798.01	73.62	--	--	3724.39	--
MW-16	7/26/21	3798.01	73.76	--	--	3724.25	73.90
MW-16	8/12/21	3798.01	73.85	--	--	3724.16	73.90
MW-16	9/28/21	3798.01	Dry	--	--	--	73.97
MW-16	10/25/21	3798.01	Dry	--	--	--	73.97
MW-16	11/11/21	3798.01	Dry	--	--	--	73.97
MW-16	12/22/21	3798.01	Dry	--	--	--	73.97
MW-16	1/28/22	3798.01	Dry	--	--	--	73.97
MW-16	2/14/22	3798.01	Dry	--	--	--	73.88
MW-16	3/14/22	3798.01	Dry	--	--	--	73.88
MW-16	4/14/22	3798.01	Dry	--	--	--	73.88
MW-16	5/5/22	3798.01	Dry	--	--	--	73.88
MW-16	6/13/22	3798.01	Dry	--	--	--	73.88
MW-16	7/27/22	3798.01	Dry	--	--	--	73.88
MW-16	8/15/22	3798.01	Dry	--	--	--	73.88
MW-16	11/9/22	3798.01	--	--	--	--	73.88
MW-16	2/9/23	3798.01	--	--	--	--	73.90
MW-16	5/2/23	3798.01	--	--	--	--	73.90
MW-16	8/9/23	3798.01	--	--	--	--	73.90
MW-16	11/9/23	3798.01	--	--	--	--	--
MW-17	2/12/20	3800.10	75.00	--	--	3725.10	91.01

Table 1a

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
MW-17	4/8/20	3800.10	73.25	--	--	3726.85	--
MW-17	5/1/20	3800.10	75.18	--	--	3724.92	--
MW-17	5/12/20	3800.10	75.19	--	--	3724.91	--
MW-17	6/19/20	3800.10	75.27	--	--	3724.83	--
MW-17	7/29/20	3800.10	75.40	--	--	3724.70	--
MW-17	8/24/20	3800.10	75.45	--	--	3724.65	--
MW-17	9/14/20	3800.10	75.51	--	--	3724.59	--
MW-17	11/2/20	3800.10	75.66	--	--	3724.44	--
MW-17	12/11/20	3800.10	75.73	--	--	3724.37	--
MW-17	1/26/21	3800.10	75.90	--	--	3724.20	--
MW-17	2/9/21	3800.10	75.92	--	--	3724.18	91.17
MW-17	3/25/21	3800.10	76.06	--	--	3724.04	--
MW-17	4/28/21	3800.10	76.08	--	--	3724.02	--
MW-17	5/20/21	3800.10	76.18	--	--	3723.92	--
MW-17	7/26/21	3800.10	76.33	--	--	3723.77	--
MW-17	8/12/21	3800.10	76.38	--	--	3723.72	91.20
MW-17	9/28/21	3800.10	76.50	--	--	3723.60	91.17
MW-17	10/25/21	3800.10	76.53	--	--	3723.57	91.17
MW-17	11/11/21	3800.10	76.58	--	--	3723.52	91.17
MW-17	12/22/21	3800.10	76.68	--	--	3723.42	91.17
MW-17	1/28/22	3800.10	76.82	--	--	3723.28	91.17
MW-17	2/14/22	3800.10	76.84	--	--	3723.26	90.78
MW-17	3/14/22	3800.10	76.96	--	--	3723.14	90.78
MW-17	4/14/22	3800.10	77.12	--	--	3722.98	90.78
MW-17	5/5/22	3800.10	77.04	--	--	3723.06	90.78
MW-17	6/13/22	3800.10	77.19	--	--	3722.91	90.78
MW-17	7/27/22	3800.10	77.26	--	--	3722.84	90.78
MW-17	8/15/22	3800.10	77.34	--	--	3722.76	90.78
MW-17	11/9/22	3800.10	77.52	--	--	3722.58	90.78
MW-17	2/9/23	3800.10	77.84	--	--	3722.26	90.81
MW-17	5/3/23	3800.10	78.02	--	--	3722.08	90.81
MW-17	7/6/23	3800.10	78.18	--	--	3721.92	--
MW-17	8/10/23	3799.50	78.20	--	--	3721.30	90.81
MW-17	11/9/23	3799.50	78.43	--	--	3721.07	--
MW-18	4/16/20	3799.94	74.68	--	--	3725.26	92.81
MW-18	5/1/20	3799.94	75.57	--	--	3724.37	--
MW-18	5/12/20	3799.94	75.60	--	--	3724.34	--
MW-18	6/19/20	3799.94	75.72	--	--	3724.22	--
MW-18	7/29/20	3799.94	75.82	--	--	3724.12	--
MW-18	8/24/20	3799.94	75.87	--	--	3724.07	--
MW-18	9/14/20	3799.94	75.94	--	--	3724.00	--
MW-18	11/2/20	3799.94	76.05	--	--	3723.89	--
MW-18	12/11/20	3799.94	76.15	--	--	3723.79	--
MW-18	1/26/21	3799.94	76.30	--	--	3723.64	--
MW-18	2/9/21	3799.94	76.32	--	--	3723.62	92.88
MW-18	3/25/21	3799.94	76.43	--	--	3723.51	--
MW-18	4/28/21	3799.94	76.49	--	--	3723.45	--
MW-18	5/20/21	3799.94	76.56	--	--	3723.38	--
MW-18	7/26/21	3799.94	76.73	--	--	3723.21	--
MW-18	8/12/21	3799.94	76.79	--	--	3723.15	92.87
MW-18	9/28/21	3799.94	76.88	--	--	3723.06	92.88
MW-18	10/25/21	3799.94	76.84	--	--	3723.10	92.88

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
MW-18	11/11/21	3799.94	76.99	--	--	3722.95	92.88
MW-18	12/22/21	3799.94	77.08	--	--	3722.86	92.88
MW-18	1/28/22	3799.94	77.20	--	--	3722.74	92.88
MW-18	2/14/22	3799.94	77.23	--	--	3722.71	92.75
MW-18	3/14/22	3799.94	77.31	--	--	3722.63	92.75
MW-18	4/14/22	3799.94	77.43	--	--	3722.51	92.75
MW-18	5/6/22	3799.94	77.43	--	--	3722.51	92.75
MW-18	6/13/22	3799.94	77.55	--	--	3722.39	92.75
MW-18	7/27/22	3799.94	77.64	--	--	3722.30	92.75
MW-18	8/15/22	3799.94	77.71	--	--	3722.23	92.75
MW-18	11/9/22	3799.94	77.93	--	--	3722.01	92.75
MW-18	2/9/23	3799.94	78.21	--	--	3721.73	92.79
MW-18	5/2/23	3799.94	78.49	--	--	3721.45	92.79
MW-18	8/10/23	3800.11	78.63	--	--	3721.48	92.79
MW-18	11/9/23	3800.11	78.82	--	--	3721.29	--
RW-1	2/19/20	P&A	--	--	--	--	--
RW-2	2/19/20	P&A	--	--	--	--	--
RW-3R	1/8/20	3800.09	--	--	--	--	--
RW-3R	1/29/20	3800.09	--	--	--	--	--
RW-3R	2/11/20	3800.09	76.27	74.59	1.68	3725.18	84.17
RW-3R	2/25/20	3800.09	--	--	--	--	--
RW-3R	5/1/20	3800.09	--	--	--	--	--
RW-3R	5/12/20	3800.09	75.68	74.95	0.73	3725.00	--
RW-3R	6/19/20	3800.09	--	--	--	--	--
RW-3R	7/29/20	3800.09	--	--	--	--	--
RW-3R	8/24/20	3800.09	--	--	--	--	--
RW-3R	9/14/20	3800.09	76.03	75.27	0.76	3724.68	--
RW-3R	11/2/20	3800.09	77.92	75.00	2.92	3724.54	--
RW-3R	12/11/20	3800.09	--	--	--	--	--
RW-3R	1/26/21	3800.09	--	--	--	--	--
RW-3R	2/9/21	3800.09	78.42	75.20	3.22	3724.28	83.85
RW-3R	3/25/21	3800.09	--	--	--	--	--
RW-3R	4/28/21	3800.09	--	--	--	--	--
RW-3R	5/20/21	3800.09	76.62	75.91	0.71	3724.05	--
RW-3R	7/26/21	3800.09	76.26	76.18	0.08	3723.89	--
RW-3R	8/12/21	3800.09	76.56	76.21	0.35	3723.81	--
RW-3R	9/28/21	3800.09	76.65	76.12	0.53	3723.87	83.85
RW-3R	10/25/21	3800.09	76.71	76.38	0.33	3723.65	83.85
RW-3R	11/11/21	3800.09	76.73	76.39	0.34	3723.64	83.85
RW-3R	12/22/21	3800.09	76.89	76.53	0.36	3723.49	83.85
RW-3R	1/28/22	3800.09	77.01	76.66	0.35	3723.36	83.85
RW-3R	2/14/22	3800.09	79.48	76.13	3.35	3723.32	83.76
RW-3R	3/7/22	3800.09	79.70	76.16	3.54	3723.26	83.76
RW-3R	3/7/22	3800.09	77.12	76.71	0.41	3723.30	83.76
RW-3R	3/14/22	3800.09	77.82	76.63	1.19	3723.23	83.76
RW-3R	3/21/22	3800.09	78.10	76.54	1.56	3723.25	83.76
RW-3R	3/21/22	3800.09	77.35	76.85	0.50	3723.15	83.76
RW-3R	3/28/22	3800.09	77.67	76.65	1.02	3723.25	83.76
RW-3R	3/28/22	3800.09	77.33	77.10	0.23	3722.95	83.76
RW-3R	4/4/22	3800.09	77.59	76.70	0.89	3723.22	83.76
RW-3R	4/14/22	3800.09	77.89	76.72	1.17	3723.15	83.76

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RW-3R	4/18/22	3800.09	77.59	76.70	0.89	3723.22	83.76
RW-3R	4/25/22	3800.09	78.14	76.66	1.48	3723.15	83.76
RW-3R	4/25/22	3800.09	77.31	76.96	0.35	3723.06	83.76
RW-3R	5/5/22	3800.09	77.66	76.76	0.90	3723.16	83.76
RW-3R	5/9/22	3800.09	77.66	76.76	0.90	3723.16	83.76
RW-3R	6/3/22	3800.09	77.36	76.73	0.63	3723.24	83.76
RW-3R	6/13/22	3800.09	77.66	76.92	0.74	3723.03	83.76
RW-3R	7/27/22	3800.09	78.69	76.81	1.88	3722.92	83.76
RW-3R	8/23/22	3800.09	79.22	76.80	2.42	3722.83	83.76
RW-3R	9/30/22	3800.09	79.71	76.77	2.94	3722.76	83.76
RW-3R	9/30/22	3800.09	78.67	78.56	0.11	3721.51	83.76
RW-3R	11/9/22	3800.09	78.85	77.17	1.68	3722.60	83.76
RW-3R	12/15/22	3800.09	79.45	77.12	2.33	3722.53	83.76
RW-3R	1/13/23	3800.09	78.32	77.39	0.93	3722.52	83.76
RW-3R	2/17/23	3800.09	78.51	77.48	1.03	3722.41	83.74
RW-3R	3/6/23	3800.09	78.11	77.63	0.48	3722.37	83.74
RW-3R	3/21/23	3800.09	78.52	77.68	0.84	3722.25	83.74
RW-3R	4/13/23	3800.09	78.86	77.59	1.27	3722.26	83.74
RW-3R	4/28/23	3800.09	79.10	77.62	1.48	3722.19	83.74
RW-3R	5/3/23	3800.09	78.14	77.61	0.53	3722.38	83.74
RW-3R	5/15/23	3800.09	79.35	77.59	1.76	3722.17	83.74
RW-3R	5/22/23	3800.09	79.42	77.60	1.82	3722.14	83.74
RW-3R	6/12/23	3800.09	78.82	77.51	1.31	3722.33	83.74
RW-3R	6/26/23	3800.09	79.91	77.63	2.28	3722.03	83.74
RW-3R	7/6/23	3800.09	78.24	78.03	0.21	3722.02	83.74
RW-3R	8/10/23	3799.57	78.87	78.00	0.87	3721.41	83.74
RW-3R	8/31/23	3799.57	79.23	78.00	1.23	3721.34	--
RW-3R	9/7/23	3799.57	79.24	77.98	1.26	3721.35	--
RW-3R	9/14/23	3799.57	79.25	78.00	1.25	3721.33	--
RW-3R	10/19/23	3799.78	79.32	78.04	1.28	3721.50	--
RW-3R	10/23/23	3799.78	79.34	78.01	1.33	3721.52	--
RW-3R	11/9/23	3799.78	80.23	77.97	2.26	3721.38	--
RW-4R	1/8/20	3799.68	--	--	--	--	--
RW-4R	1/14/20	3799.68	74.39	74.19	0.20	3725.45	--
RW-4R	2/11/20	3799.68	74.35	74.26	0.09	3725.40	84.61
RW-4R	2/18/20	3799.68	74.40	74.29	0.11	3725.37	--
RW-4R	2/25/20	3799.68	--	--	--	--	--
RW-4R	3/11/20	3799.68	74.40	74.32	0.08	3725.34	--
RW-4R	5/1/20	3799.68	74.60	74.45	0.15	3725.20	--
RW-4R	5/12/20	3799.68	74.59	74.43	0.16	3725.22	--
RW-4R	6/19/20	3799.68	74.76	74.49	0.27	3725.14	--
RW-4R	7/29/20	3799.68	74.95	74.60	0.35	3725.01	--
RW-4R	8/24/20	3799.68	75.09	74.65	0.44	3724.95	--
RW-4R	9/14/20	3799.68	75.19	74.71	0.48	3724.88	--
RW-4R	11/2/20	3799.68	75.35	74.80	0.55	3724.78	--
RW-4R	12/11/20	3799.68	75.51	74.90	0.61	3724.66	--
RW-4R	1/26/21	3799.68	75.65	75.05	0.60	3724.52	--
RW-4R	2/9/21	3799.68	75.68	75.08	0.60	3724.49	84.65
RW-4R	3/25/21	3799.68	75.80	75.21	0.59	3724.36	--
RW-4R	4/28/21	3799.68	75.87	75.27	0.60	3724.30	--
RW-4R	5/20/21	3799.68	75.94	75.35	0.59	3724.22	--
RW-4R	7/26/21	3799.68	76.09	75.49	0.60	3724.08	--

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-4R	8/12/21	3799.68	76.15	75.53	0.62	3724.03	--
RW-4R	9/28/21	3799.68	76.25	75.62	0.63	3723.94	84.65
RW-4R	10/25/21	3799.68	76.30	75.68	0.62	3723.88	84.65
RW-4R	11/11/21	3799.68	76.29	75.69	0.60	3723.88	84.65
RW-4R	12/22/21	3799.68	76.44	75.84	0.60	3723.73	84.65
RW-4R	1/28/22	3799.68	76.55	75.95	0.60	3723.62	84.65
RW-4R	2/14/22	3799.68	76.54	75.97	0.57	3723.60	84.53
RW-4R	3/7/22	3799.68	76.65	76.04	0.61	3723.52	84.53
RW-4R	3/7/22	3799.68	76.42	76.24	0.18	3723.41	84.53
RW-4R	3/14/22	3799.68	76.50	76.15	0.35	3723.46	84.53
RW-4R	4/14/22	3799.68	76.43	76.11	0.32	3723.51	84.53
RW-4R	5/5/22	3799.68	76.61	76.23	0.38	3723.38	84.53
RW-4R	6/13/22	3799.68	76.75	76.35	0.40	3723.25	84.53
RW-4R	7/27/22	3799.68	76.85	76.43	0.42	3723.17	84.53
RW-4R	8/23/22	3799.68	76.94	76.32	0.62	3723.24	84.53
RW-4R	11/9/22	3799.68	77.20	76.25	0.95	3723.25	84.53
RW-4R	12/15/22	3799.68	74.46	74.36	0.10	3725.30	83.76
RW-4R	1/13/23	3799.68	76.96	76.93	0.03	3722.74	83.76
RW-4R	2/17/23	3799.68	77.05	77.02	0.03	3722.65	84.51
RW-4R	3/6/23	3799.68	77.12	77.06	0.06	3722.61	84.51
RW-4R	3/21/23	3799.68	77.18	77.14	0.04	3722.53	84.51
RW-4R	4/13/23	3799.68	77.23	77.18	0.05	3722.49	84.51
RW-4R	4/28/23	3799.68	77.30	77.25	0.05	3722.42	84.51
RW-4R	5/3/23	3799.68	77.28	77.23	0.05	3722.44	84.51
RW-4R	5/15/23	3799.68	77.30	77.27	0.03	3722.40	84.51
RW-4R	5/22/23	3799.68	77.30	77.28	0.02	3722.40	84.51
RW-4R	6/12/23	3799.68	77.24	77.17	0.07	3722.50	84.51
RW-4R	6/26/23	3799.68	77.42	77.40	0.02	3722.28	84.51
RW-4R	7/6/23	3799.68	77.45	77.41	0.04	3722.26	84.51
RW-4R	8/10/23	3799.14	77.51	77.49	0.02	3721.65	84.51
RW-4R	8/31/23	3799.14	77.56	77.55	0.01	3721.59	--
RW-4R	9/7/23	3799.14	77.53	77.51	0.02	3721.63	--
RW-4R	9/14/23	3799.14	77.53	77.47	0.06	3721.66	--
RW-4R	10/19/23	3799.38	77.54	77.50	0.04	3721.87	--
RW-4R	10/23/23	3799.38	77.56	77.53	0.03	3721.84	--
RW-4R	11/9/23	3799.38	77.74	77.72	0.02	3721.66	--
RW-5R	2/12/20	3799.26	74.98	--	--	3724.28	86.82
RW-5R	3/18/20	3799.26	--	--	--	--	--
RW-5R	5/1/20	3799.26	74.15	--	--	3725.11	--
RW-5R	5/12/20	3799.26	74.02	--	--	3725.24	--
RW-5R	6/19/20	3799.26	74.09	--	--	3725.17	--
RW-5R	7/29/20	3799.26	74.22	--	--	3725.04	--
RW-5R	8/24/20	3799.26	74.29	--	--	3724.97	--
RW-5R	9/14/20	3799.26	74.38	--	--	3724.88	--
RW-5R	11/2/20	3799.26	74.47	--	--	3724.79	--
RW-5R	12/11/20	3799.26	74.58	--	--	3724.68	--
RW-5R	1/26/21	3799.26	74.73	--	--	3724.53	--
RW-5R	2/9/21	3799.26	74.73	--	--	3724.53	87.05
RW-5R	3/25/21	3799.26	74.87	--	--	3724.39	--
RW-5R	4/28/21	3799.26	74.93	--	--	3724.33	--
RW-5R	5/20/21	3799.26	75.00	--	--	3724.26	--
RW-5R	7/26/21	3799.26	75.14	--	--	3724.12	--

Table 1a

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-5R	8/12/21	3799.26	75.20	--	--	3724.06	86.88
RW-5R	9/28/21	3799.26	75.33	--	--	3723.93	87.05
RW-5R	10/25/21	3799.26	75.35	--	--	3723.91	87.05
RW-5R	11/11/21	3799.26	75.40	--	--	3723.86	87.05
RW-5R	12/22/21	3799.26	77.06	--	--	3722.20	87.05
RW-5R	1/28/22	3799.26	77.17	--	--	3722.09	87.05
RW-5R	2/14/22	3799.26	75.66	--	--	3723.60	83.80
RW-5R	2/18/22	3799.26	75.66	--	--	3723.60	86.82
RW-5R	3/14/22	3799.26	75.32	--	--	3723.94	86.82
RW-5R	4/14/22	3799.26	77.47	--	--	3721.79	86.82
RW-5R	5/5/22	3799.26	75.80	--	--	3723.46	86.82
RW-5R	6/13/22	3799.26	75.99	--	--	3723.27	86.82
RW-5R	7/27/22	3799.26	76.07	--	--	3723.19	86.82
RW-5R	8/15/22	3799.26	76.13	--	--	3723.13	86.82
RW-5R	11/9/22	3799.26	75.91	--	--	3723.35	86.82
RW-5R	2/9/23	3799.26	76.67	--	--	3722.59	86.84
RW-5R	5/2/23	3799.26	76.87	--	--	3722.39	86.84
RW-5R	8/10/23	3798.61	77.05	--	--	3721.56	86.84
RW-5R	11/9/23	3799.04	77.22	--	--	3721.82	--
RW-7	2/12/20	3799.47	Dry	--	--	--	73.55
RW-7	5/1/20	3799.47	Dry	--	--	--	--
RW-7	5/12/20	3799.47	Dry	--	--	--	--
RW-7	6/19/20	3799.47	73.50	--	--	3725.97	--
RW-7	7/29/20	3799.47	73.54	--	--	3725.93	--
RW-7	8/24/20	3799.47	73.60	--	--	3725.87	73.65
RW-7	9/14/20	3799.47	Dry	--	--	--	73.55
RW-7	11/2/20	3799.47	Dry	--	--	--	73.67
RW-7	12/11/20	3799.47	Dry	--	--	--	73.51
RW-7	1/26/21	3799.47	Dry	--	--	--	73.60
RW-7	2/9/21	3799.47	Dry	--	--	--	73.73
RW-7	3/25/21	3799.47	73.54	--	--	3725.93	--
RW-7	4/28/21	3799.47	Dry	--	--	--	73.58
RW-7	5/20/21	3799.47	Dry	--	--	--	73.60
RW-7	7/26/21	3799.47	73.51	--	--	3725.96	73.60
RW-7	8/12/21	3799.47	Dry	--	--	--	73.57
RW-7	9/28/21	3799.47	Dry	--	--	--	73.73
RW-7	10/25/21	3799.47	Dry	--	--	--	73.73
RW-7	11/11/21	3799.47	Dry	--	--	--	73.73
RW-7	12/22/21	3799.47	Dry	--	--	--	73.73
RW-7	1/28/22	3799.47	Dry	--	--	--	73.73
RW-7	2/14/22	3799.47	73.51	--	--	3725.96	73.62
RW-7	2/18/22	3799.47	Dry	--	--	--	73.62
RW-7	3/14/22	3799.47	Dry	--	--	--	73.62
RW-7	4/14/22	3799.47	Dry	--	--	--	73.62
RW-7	5/5/22	3799.47	Dry	--	--	--	73.62
RW-7	6/13/22	3799.47	Dry	--	--	--	73.62
RW-7	7/27/22	3799.47	Dry	--	--	--	73.62
RW-7	8/15/22	3799.47	Dry	--	--	--	73.62
RW-7	11/9/22	3799.47	--	--	--	--	73.62
RW-7	2/9/23	3799.47	--	--	--	--	73.63
RW-7	5/3/23	3799.47	--	--	--	--	73.63
RW-7	11/9/23	3799.47	--	--	--	--	--

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
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Darr Angell No. 4
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Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	2/19/20	P&A	--	--	--	--	--
RW-9	2/11/20	3800.02	74.40	74.31	0.09	3725.69	74.43
RW-9	2/25/20	3800.02	--	--	--	--	--
RW-9	5/1/20	3800.02	74.42	74.33	0.09	3725.67	--
RW-9	5/12/20	3800.02	74.44	74.33	0.11	3725.67	--
RW-9	6/19/20	3800.02	74.47	74.30	0.17	3725.69	--
RW-9	7/29/20	3800.02	74.41	74.30	0.11	3725.70	--
RW-9	8/24/20	3800.02	74.36	74.25	0.11	3725.75	--
RW-9	9/14/20	3800.02	74.49	74.35	0.14	3725.64	--
RW-9	11/2/20	3800.02	74.43	74.34	0.09	3725.66	--
RW-9	12/11/20	3800.02	74.45	74.27	0.18	3725.72	--
RW-9	1/26/21	3800.02	74.38	74.30	0.08	3725.70	--
RW-9	2/9/21	3800.02	74.45	74.35	0.10	3725.65	74.53
RW-9	3/25/21	3800.02	74.42	74.34	0.08	3725.66	--
RW-9	4/28/21	3800.02	74.44	74.34	0.10	3725.66	--
RW-9	5/20/21	3800.02	74.41	74.30	0.11	3725.70	--
RW-9	7/26/21	3800.02	74.39	74.28	0.11	3725.72	74.40
RW-9	8/12/21	3800.02	74.40	74.32	0.08	3725.68	--
RW-9	9/28/21	3800.02	74.45	74.31	0.14	3725.68	74.53
RW-9	10/25/21	3800.02	74.50	74.35	0.15	3725.64	74.53
RW-9	11/11/21	3800.02	LNAPL	74.38	0.15	--	74.53
RW-9	12/22/21	3800.02	74.44	74.31	0.13	3725.69	74.53
RW-9	1/28/22	3800.02	LNAPL	74.44	0.09	--	74.53
RW-9	2/14/22	3800.02	74.35	74.28	0.07	3725.73	74.40
RW-9	3/7/22	3800.02	LNAPL	74.30	0.10	--	74.40
RW-9	3/14/22	3800.02	Dry	--	--	--	74.40
RW-9	4/14/22	3800.02	Dry	--	--	--	74.40
RW-9	5/5/22	3800.02	LNAPL	74.31	0.09	--	74.40
RW-9	6/13/22	3800.02	LNAPL	74.35	0.05	--	74.40
RW-9	7/27/22	3800.02	LNAPL	74.33	0.07	--	74.40
RW-9	8/23/22	3800.02	LNAPL	74.33	0.07	--	74.40
RW-9	11/9/22	3800.02	74.60	74.35	0.25	3725.62	84.53
RW-9	12/15/22	3800.02	77.29	76.81	0.48	3723.12	83.76
RW-9	1/13/23	3800.02	74.42	74.33	0.09	3725.67	83.76
RW-9	2/17/23	3800.02	74.40	74.34	0.06	3725.67	83.44
RW-9	3/6/23	3800.02	--	--	--	--	83.44
RW-9	3/21/23	3800.02	74.37	74.29	0.08	3725.72	83.44
RW-9	4/13/23	3800.02	74.42	74.33	0.09	3725.67	83.44
RW-9	4/28/23	3800.02	74.41	74.33	0.08	3725.68	83.44
RW-9	5/3/23	3800.02	74.40	74.33	0.07	3725.68	83.44
RW-9	5/15/23	3800.02	74.42	74.36	0.06	3725.65	83.44
RW-9	5/22/23	3800.02	74.41	74.35	0.06	3725.66	83.44
RW-9	6/12/23	3800.02	74.40	74.33	0.07	3725.68	83.44
RW-9	6/26/23	3800.02	74.41	0.00	74.41	3785.88	83.44
RW-9	7/6/23	3800.02	74.43	74.35	0.08	3725.66	83.44
RW-9	8/10/23	3799.79	74.41	74.41	0.00	3725.38	83.44
RW-9	10/19/23	3799.79	--	--	--	--	--
RW-9	11/9/23	3799.79	77.37	74.36	3.01	3724.86	--
RW-10	2/19/20	P&A	--	--	--	--	--
RW-10R	3/10/20	--	--	--	--	--	--
RW-10R	4/8/20	3799.97	75.24	--	--	3724.73	93.10

Table 1a

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
RW-10R	4/15/20	3799.97	75.22	--	--	3724.75	--
RW-10R	4/16/20	3799.97	75.19	--	--	3724.78	92.65
RW-10R	5/1/20	3799.97	75.29	--	--	3724.68	--
RW-10R	5/12/20	3799.97	74.31	--	--	3725.66	--
RW-10R	6/19/20	3799.97	75.38	--	--	3724.59	--
RW-10R	7/29/20	3799.97	75.51	--	--	3724.46	--
RW-10R	8/24/20	3799.97	75.59	75.56	0.03	3724.40	--
RW-10R	9/14/20	3799.97	75.64	75.63	0.01	3724.34	--
RW-10R	11/2/20	3799.97	75.74	--	--	3724.23	--
RW-10R	12/11/20	3799.97	75.85	74.88	0.97	3724.91	--
RW-10R	1/26/21	3799.97	76.05	75.98	0.07	3723.98	--
RW-10R	2/9/21	3799.97	76.06	75.99	0.07	3723.97	92.95
RW-10R	3/25/21	3799.97	76.21	76.13	0.08	3723.82	--
RW-10R	4/28/21	3799.97	76.33	76.19	0.14	3723.75	--
RW-10R	5/20/21	3799.97	76.38	76.27	0.11	3723.68	--
RW-10R	7/26/21	3799.97	76.59	76.41	0.18	3723.53	--
RW-10R	8/12/21	3799.97	76.68	76.47	0.21	3723.46	--
RW-10R	9/28/21	3799.97	76.80	76.58	0.22	3723.35	92.95
RW-10R	10/25/21	3799.97	76.84	76.64	0.20	3723.29	92.95
RW-10R	11/11/21	3799.97	76.93	76.65	0.28	3723.27	92.95
RW-10R	12/22/21	3799.97	76.99	76.77	0.22	3723.16	92.95
RW-10R	1/28/22	3799.97	77.12	76.89	0.23	3723.04	92.95
RW-10R	2/14/22	3799.97	--	76.84	--	--	92.88
RW-10R	2/18/22	3799.97	77.44	76.84	0.60	3723.02	92.88
RW-10R	3/7/22	3799.97	77.50	76.91	0.59	3722.95	92.88
RW-10R	3/7/22	3799.97	76.86	76.49	0.37	3723.41	92.88
RW-10R	3/14/22	3799.97	77.47	76.99	0.48	3722.89	92.88
RW-10R	4/14/22	3799.97	77.61	77.02	0.59	3722.84	92.88
RW-10R	5/6/22	3799.97	77.73	77.02	0.71	3722.82	92.88
RW-10R	6/13/22	3799.97	78.04	77.14	0.90	3722.66	92.88
RW-10R	6/30/22	3799.97	78.08	77.15	0.93	3722.64	92.88
RW-10R	7/5/22	3799.97	78.11	77.17	0.94	3722.62	92.88
RW-10R	7/22/22	3799.97	78.22	77.18	1.04	3722.59	92.88
RW-10R	7/22/22	3799.97	78.26	78.23	0.03	3721.73	92.88
RW-10R	7/27/22	3799.97	77.58	77.32	0.26	3722.60	92.88
RW-10R	8/23/22	3799.97	77.81	77.40	0.41	3722.49	92.88
RW-10R	11/9/22	3799.97	78.54	77.54	1.00	3722.24	92.88
RW-10R	12/15/22	3799.97	78.71	77.59	1.12	3722.17	83.76
RW-10R	1/13/23	3799.97	78.11	77.73	0.38	3722.17	83.76
RW-10R	2/17/23	3799.97	78.37	77.86	0.51	3722.01	92.85
RW-10R	3/6/23	3799.97	78.44	77.85	0.59	3722.01	92.85
RW-10R	3/21/23	3799.97	78.62	77.91	0.71	3721.93	92.85
RW-10R	4/13/23	3799.97	78.77	77.90	0.87	3721.91	92.85
RW-10R	4/28/23	3799.97	78.94	77.95	0.99	3721.83	92.85
RW-10R	5/3/23	3799.97	78.91	78.08	0.83	3721.73	92.85
RW-10R	5/15/23	3799.97	78.97	77.95	1.02	3721.83	92.85
RW-10R	5/22/23	3799.97	79.01	77.97	1.04	3721.80	92.85
RW-10R	6/12/23	3799.97	78.79	77.88	0.91	3721.92	92.85
RW-10R	6/26/23	3799.97	78.32	78.06	0.26	3721.86	92.85
RW-10R	7/6/23	3799.97	79.39	78.07	1.32	3721.65	92.85
RW-10R	8/10/23	3797.76	79.57	78.11	1.46	3719.37	92.85
RW-10R	8/17/23	3797.76	79.78	79.56	0.22	3718.16	--

Table 1a

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-10R	8/31/23	3797.76	79.77	78.21	1.56	3719.25	--
RW-10R	9/7/23	3797.76	79.79	78.24	1.55	3719.23	--
RW-10R	9/14/23	3797.76	79.77	78.19	1.58	3719.27	--
RW-10R	9/28/23	3799.97	79.91	78.21	1.70	3721.44	--
RW-10R	10/19/23	3799.97	79.89	78.38	1.51	3721.30	--
RW-10R	10/23/23	3799.97	79.91	78.43	1.48	3721.26	--
RW-10R	11/9/23	3800.03	78.87	78.58	0.29	3721.40	--
RW-11	2/11/20	3798.72	73.53	72.64	0.89	3725.91	73.61
RW-11	2/25/20	3798.72	--	--	--	--	--
RW-11	5/1/20	3798.72	LNAPL	73.04	0.36	--	73.40
RW-11	5/12/20	3798.72	73.80	72.80	1.00	3725.73	73.40
RW-11	6/19/20	3798.72	LNAPL	73.02	0.38	--	73.40
RW-11	7/29/20	3798.72	73.52	73.13	0.39	3725.52	73.40
RW-11	8/24/20	3798.72	73.50	73.02	0.48	3725.61	--
RW-11	9/14/20	3798.72	LNAPL	73.09	0.41	--	73.50
RW-11	11/2/20	3798.72	LNAPL	73.23	0.15	--	73.38
RW-11	12/11/20	3798.72	LNAPL	73.32	0.18	--	73.50
RW-11	1/26/21	3798.72	LNAPL	73.47	0.03	--	73.50
RW-11	2/9/21	3798.72	Dry	--	--	--	73.49
RW-11	3/25/21	3798.72	Dry	--	--	--	73.41
RW-11	4/28/21	3798.72	Dry	--	--	--	--
RW-11	5/20/21	3798.72	Dry	--	--	--	73.40
RW-11	7/26/21	3798.72	Dry	--	--	--	73.65
RW-11	8/12/21	3798.72	Dry	--	--	--	73.45
RW-11	9/28/21	3798.72	Dry	--	--	--	73.49
RW-11	10/25/21	3798.72	Dry	--	--	--	73.49
RW-11	11/11/21	3798.72	Dry	--	--	--	73.49
RW-11	12/22/21	3798.72	Dry	--	--	--	73.49
RW-11	1/28/22	3798.72	Dry	--	--	--	73.49
RW-11	2/14/22	3798.72	Dry	--	--	--	73.38
RW-11	3/14/22	3798.72	Dry	--	--	--	73.38
RW-11	4/14/22	3798.72	Dry	--	--	--	73.38
RW-11	5/5/22	3798.72	Dry	--	--	--	73.38
RW-11	6/13/22	3798.72	Dry	--	--	--	73.38
RW-11	7/27/22	3798.72	Dry	--	--	--	73.38
RW-11	8/23/22	3798.72	Dry	--	--	--	73.38
RW-11	11/9/22	3798.72	--	--	--	--	73.38
RW-11	2/17/23	3798.72	--	--	--	--	73.40
RW-11	5/3/23	3798.72	--	--	--	--	73.40
RW-11	11/9/23	3796.65	--	--	--	--	--
RW-12	2/19/20	P&A	--	--	--	--	--
RW-13	2/12/20	3800.62	Dry	--	--	--	74.95
RW-13	5/1/20	3800.62	Dry	--	--	--	--
RW-13	5/12/20	3800.62	73.92	--	--	3726.70	74.09
RW-13	6/19/20	3800.62	Dry	--	--	--	--
RW-13	7/29/20	3800.62	Dry	--	--	--	79.15
RW-13	8/24/20	3800.62	73.94	--	--	3726.68	74.03
RW-13	9/14/20	3800.62	73.95	--	--	3726.67	-
RW-13	11/2/20	3800.62	Dry	--	--	--	74.07
RW-13	12/11/20	3800.62	73.92	--	--	3726.70	74.07
RW-13	1/26/21	3800.62	73.94	--	--	3726.68	-

Table 1a

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
RW-13	2/9/21	3800.62	Dry	--	--	--	74.13
RW-13	3/25/21	3800.62	73.95	--	--	3726.67	-
RW-13	4/28/21	3800.62	Dry	--	--	--	74.12
RW-13	5/20/21	3800.62	Dry	--	--	--	74.13
RW-13	7/26/21	3800.62	73.93	--	--	3726.69	74.04
RW-13	8/12/21	3800.62	73.93	--	--	3726.69	74.05
RW-13	9/28/21	3800.62	73.96	--	--	3726.66	74.13
RW-13	10/25/21	3800.62	74.00	--	--	3726.62	74.13
RW-13	11/11/21	3800.62	74.04	--	--	3726.58	74.13
RW-13	12/22/21	3800.62	74.14	--	--	3726.48	74.13
RW-13	1/28/22	3800.62	Dry	--	--	--	74.13
RW-13	2/14/22	3800.62	73.91	--	--	3726.71	74.02
RW-13	3/14/22	3800.62	Dry	--	--	--	74.02
RW-13	4/14/22	3800.62	Dry	--	--	--	74.02
RW-13	5/5/22	3800.62	73.97	--	--	3726.65	74.02
RW-13	6/13/22	3800.62	Dry	--	--	--	74.02
RW-13	7/27/22	3800.62	Dry	--	--	--	74.02
RW-13	8/15/22	3800.62	Dry	--	--	--	74.02
RW-13	11/9/22	3800.62	--	--	--	--	74.02
RW-13	2/9/23	3800.62	--	--	--	--	74.55
RW-13	5/3/23	3800.62	--	--	--	--	74.55
RW-13	8/9/23	3800.62	--	--	--	--	74.55
RW-13	11/9/23	3800.62	--	--	--	--	--
RW-14	2/12/20	3800.13	75.00	--	--	3725.13	85.38
RW-14	5/1/20	3800.13	75.13	--	--	3725.00	--
RW-14	5/12/20	3800.13	75.13	--	--	3725.00	--
RW-14	6/19/20	3800.13	75.22	--	--	3724.91	--
RW-14	7/29/20	3800.13	75.34	--	--	3724.79	--
RW-14	8/24/20	3800.13	75.40	--	--	3724.73	--
RW-14	9/14/20	3800.13	75.48	--	--	3724.65	--
RW-14	11/2/20	3800.13	75.59	--	--	3724.54	--
RW-14	12/11/20	3800.13	75.68	--	--	3724.45	--
RW-14	1/26/21	3800.13	75.84	--	--	3724.29	--
RW-14	2/9/21	3800.13	75.85	--	--	3724.28	83.55
RW-14	3/25/21	3800.13	75.98	--	--	3724.15	--
RW-14	4/28/21	3800.13	76.05	--	--	3724.08	--
RW-14	5/20/21	3800.13	76.11	--	--	3724.02	--
RW-14	7/26/21	3800.13	76.24	--	--	3723.89	--
RW-14	8/12/21	3800.13	76.33	--	--	3723.80	83.46
RW-14	9/28/21	3800.13	76.45	--	--	3723.68	83.55
RW-14	10/25/21	3800.13	76.48	--	--	3723.65	83.55
RW-14	11/11/21	3800.13	76.52	--	--	3723.61	83.55
RW-14	12/22/21	3800.13	76.61	--	--	3723.52	83.55
RW-14	1/28/22	3800.13	76.72	--	--	3723.41	83.55
RW-14	2/14/22	3800.13	76.76	--	--	3723.37	83.84
RW-14	3/14/22	3800.13	77.86	--	--	3722.27	83.84
RW-14	4/14/22	3800.13	77.01	--	--	3723.12	83.84
RW-14	5/5/22	3800.13	76.97	--	--	3723.16	83.84
RW-14	6/13/22	3800.13	77.09	--	--	3723.04	83.84
RW-14	7/27/22	3800.13	77.18	--	--	3722.95	83.84
RW-14	8/15/22	3800.13	77.25	--	--	3722.88	83.84
RW-14	11/9/22	3800.13	77.46	--	--	3722.67	83.84

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RW-14	2/9/23	3800.13	77.72	--	--	3722.41	83.30
RW-14	5/3/23	3800.13	77.93	--	--	3722.20	83.30
RW-14	8/10/23	3799.81	78.15	--	--	3721.66	83.30
RW-14	11/9/23	3799.81	87.36	--	--	3712.45	--
RW-15	2/12/20	3800.23	74.98	--	--	3725.25	84.81
RW-15	5/1/20	3800.23	75.15	--	--	3725.08	--
RW-15	5/12/20	3800.23	75.16	--	--	3725.07	--
RW-15	6/19/20	3800.23	75.26	--	--	3724.97	--
RW-15	7/29/20	3800.23	75.37	--	--	3724.86	--
RW-15	8/24/20	3800.23	75.42	--	--	3724.81	--
RW-15	9/14/20	3800.23	75.50	--	--	3724.73	--
RW-15	11/2/20	3800.23	75.61	--	--	3724.62	--
RW-15	12/11/20	3800.23	75.71	--	--	3724.52	--
RW-15	1/26/21	3800.23	75.86	--	--	3724.37	--
RW-15	2/9/21	3800.23	75.87	--	--	3724.36	83.35
RW-15	3/25/21	3800.23	76.00	--	--	3724.23	--
RW-15	4/28/21	3800.23	76.06	--	--	3724.17	--
RW-15	7/26/21	3800.23	76.28	--	--	3723.95	--
RW-15	5/20/21	3800.23	76.13	--	--	3724.10	--
RW-15	9/28/21	3800.23	76.45	--	--	3723.78	--
RW-15	8/12/21	3800.23	75.33	--	--	3724.90	83.35
RW-15	10/25/21	3800.23	76.48	--	--	3723.75	83.35
RW-15	11/11/21	3800.23	76.52	--	--	3723.71	83.35
RW-15	12/22/21	3800.23	76.63	--	--	3723.60	83.35
RW-15	1/28/22	3800.23	76.76	--	--	3723.47	83.35
RW-15	2/14/22	3800.23	76.77	--	--	3723.46	82.01
RW-15	3/14/22	3800.23	76.90	--	--	3723.33	82.01
RW-15	4/14/22	3800.23	77.06	--	--	3723.17	82.01
RW-15	5/5/22	3800.23	76.98	--	--	3723.25	82.01
RW-15	6/13/22	3800.23	77.11	--	--	3723.12	82.01
RW-15	7/27/22	3800.23	77.20	--	--	3723.03	82.01
RW-15	8/15/22	3800.23	77.27	--	--	3722.96	82.01
RW-15	11/9/22	3800.23	77.46	--	--	3722.77	82.01
RW-15	2/9/23	3800.23	77.93	--	--	3722.30	82.02
RW-15	5/3/23	3800.23	77.93	--	--	3722.30	82.02
RW-15	8/9/23	3800.23	78.15	--	--	3722.08	82.02
RW-15	11/9/23	3799.90	78.37	--	--	3721.53	--
RW-16	2/11/20	3800.19	75.09	74.84	0.25	3725.30	89.95
RW-16	5/1/20	3800.19	--	--	--	--	--
RW-16	5/12/20	3800.19	75.21	75.05	0.16	3725.11	--
RW-16	6/19/20	3800.19	-	-	-	#VALUE!	--
RW-16	7/29/20	3800.19	75.83	75.17	0.66	3724.89	--
RW-16	8/24/20	3800.19	75.99	75.21	0.78	3724.83	--
RW-16	9/14/20	3800.19	76.13	75.27	0.86	3724.76	--
RW-16	11/2/20	3800.19	75.58	75.51	0.07	3724.67	--
RW-16	12/11/20	3800.19	--	--	--	--	--
RW-16	1/26/21	3800.19	--	--	--	--	--
RW-16	2/9/21	3800.19	75.85	75.78	0.07	3724.40	89.95
RW-16	3/25/21	3800.19	76.12	75.87	0.25	3724.27	--
RW-16	4/28/21	3800.19	76.08	75.92	0.16	3724.24	--
RW-16	5/20/21	3800.19	76.42	76.00	0.42	3724.11	--
RW-16	7/26/21	3800.19	76.68	76.13	0.55	3723.96	--

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RW-16	8/12/21	3800.19	76.81	76.20	0.61	3723.87	--
RW-16	9/28/21	3800.19	76.97	76.26	0.71	3723.80	89.95
RW-16	10/25/21	3800.19	77.01	76.31	0.70	3723.75	89.95
RW-16	11/11/21	3800.19	77.13	76.35	0.78	3723.69	89.95
RW-16	12/22/21	3800.19	77.15	76.46	0.69	3723.60	89.95
RW-16	1/28/22	3800.19	77.27	76.50	0.77	3723.54	89.95
RW-16	2/14/22	3800.19	77.43	76.68	0.75	3723.37	89.81
RW-16	3/7/22	3800.19	77.51	76.65	0.86	3723.38	89.81
RW-16	3/7/22	3800.19	76.77	76.13	0.64	3723.94	89.81
RW-16	3/14/22	3800.19	77.28	76.77	0.51	3723.32	89.81
RW-16	4/14/22	3800.19	77.41	76.85	0.56	3723.23	89.81
RW-16	5/5/22	3800.19	77.38	76.84	0.54	3723.25	89.81
RW-16	6/13/22	3800.19	77.55	76.96	0.59	3723.12	89.81
RW-16	7/27/22	3800.19	77.64	77.05	0.59	3723.03	89.81
RW-16	8/23/22	3800.19	77.76	77.17	0.59	3722.91	89.81
RW-16	11/9/22	3800.19	78.08	77.37	0.71	3722.69	89.81
RW-16	12/15/22	3800.19	78.06	77.41	0.65	3722.66	89.81
RW-16	1/13/23	3800.19	77.75	77.53	0.22	3722.62	89.81
RW-16	2/17/23	3800.19	77.88	77.65	0.23	3722.50	89.83
RW-16	3/6/23	3800.19	77.93	77.69	0.24	3722.45	89.83
RW-16	3/21/23	3800.19	78.01	77.77	0.24	3722.38	89.83
RW-16	4/13/23	3800.19	78.04	77.80	0.24	3722.34	89.83
RW-16	4/28/23	3800.19	78.12	77.88	0.24	3722.26	89.83
RW-16	5/3/23	3800.19	78.08	77.85	0.23	3722.30	89.83
RW-16	5/15/23	3800.19	78.14	77.87	0.27	3722.27	89.83
RW-16	5/22/23	3800.19	78.21	77.87	0.34	3722.26	89.83
RW-16	6/12/23	3800.19	78.09	77.84	0.25	3722.30	89.83
RW-16	6/26/23	3800.19	78.31	78.06	0.25	3722.08	89.83
RW-16	7/6/23	3800.19	78.29	78.02	0.27	3722.12	89.83
RW-16	8/10/23	3799.90	78.35	78.11	0.24	3721.74	89.83
RW-16	8/31/23	3799.90	78.42	78.20	0.22	3721.66	--
RW-16	9/7/23	3799.90	78.40	78.26	0.14	3721.61	--
RW-16	9/14/23	3799.90	78.40	78.27	0.13	3721.61	--
RW-16	10/19/23	3799.90	78.42	78.21	0.21	3721.65	--
RW-16	10/23/23	3799.90	78.41	78.17	0.24	3721.68	--
RW-16	11/9/23	3799.90	78.46	78.35	0.11	3721.53	--
RW-17	2/11/20	3799.82	75.21	74.52	0.69	3725.17	89.82
RW-17	5/1/20	3799.82	--	--	--	--	--
RW-17	5/12/20	3799.82	75.27	74.76	0.51	3724.96	-
RW-17	6/19/20	3799.82	--	--	--	--	--
RW-17	7/29/20	3799.82	--	--	--	--	--
RW-17	8/24/20	3799.82	--	--	--	--	--
RW-17	9/14/20	3799.82	75.52	75.08	0.44	3724.66	--
RW-17	11/2/20	3799.82	76.55	75.02	1.53	3724.51	--
RW-17	12/11/20	3799.82	77.25	75	2.25	3724.39	--
RW-17	1/26/21	3799.82	77.83	75.04	2.79	3724.25	--
RW-17	2/9/21	3799.82	77.98	75.04	2.94	3724.22	90.01
RW-17	3/25/21	3799.82	--	--	--	--	--
RW-17	4/28/21	3799.82	--	--	--	--	--
RW-17	5/20/21	3799.82	76.28	75.70	0.58	3724.01	--
RW-17	7/26/21	3799.82	76.10	75.97	0.13	3723.83	--
RW-17	8/12/21	3799.82	76.13	75.99	0.14	3723.80	--

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	9/28/21	3799.82	76.68	76.04	0.64	3723.66	90.01
RW-17	10/25/21	3799.82	76.71	76.12	0.59	3723.59	90.01
RW-17	11/11/21	3799.82	76.73	76.16	0.57	3723.55	90.01
RW-17	12/22/21	3799.82	76.85	76.24	0.61	3723.46	90.01
RW-17	1/28/22	3799.82	76.98	76.36	0.62	3723.34	90.01
RW-17	2/14/22	3799.82	77.39	76.28	1.11	3723.33	89.81
RW-17	3/7/22	3799.82	77.75	74.30	3.45	3724.86	89.81
RW-17	3/7/22	3799.82	75.89	75.12	0.77	3724.55	89.81
RW-17	3/14/22	3799.82	77.26	76.48	0.78	3723.19	89.81
RW-17	4/14/22	3799.82	77.03	76.56	0.47	3723.17	89.81
RW-17	5/5/22	3799.82	77.89	76.42	1.47	3723.12	89.81
RW-17	6/3/22	3799.82	77.13	76.75	0.38	3723.00	89.81
RW-17	6/10/22	3799.82	77.05	76.70	0.35	3723.05	89.81
RW-17	6/13/22	3799.82	77.02	76.73	0.29	3723.03	89.81
RW-17	7/27/22	3799.82	77.74	77.66	0.08	3722.14	89.81
RW-17	8/5/22	3799.82	77.76	76.71	1.05	3722.91	89.81
RW-17	8/5/22	3799.82	73.19	--	--	3726.63	89.81
RW-17	8/23/22	3799.82	77.43	76.90	0.53	3722.82	89.81
RW-17	9/1/22	3799.82	77.51	76.88	0.63	3722.82	89.81
RW-17	9/9/22	3799.82	77.61	76.86	0.75	3722.82	89.81
RW-17	11/9/22	3799.82	78.40	76.99	1.41	3722.56	89.81
RW-17	12/15/22	3799.82	78.59	77.01	1.58	3722.51	89.81
RW-17	1/13/23	3799.82	77.69	77.24	0.45	3722.49	89.81
RW-17	2/17/23	3799.82	77.98	77.32	0.66	3722.38	89.81
RW-17	3/6/23	3799.82	78.21	77.35	0.86	3722.31	89.81
RW-17	3/21/23	3799.82	78.34	77.46	0.88	3722.19	89.81
RW-17	4/13/23	3799.82	78.30	77.44	0.86	3722.22	89.81
RW-17	4/28/23	3799.82	78.41	77.49	0.92	3722.16	89.81
RW-17	5/3/23	3799.82	78.38	77.48	0.90	3722.17	89.81
RW-17	5/15/23	3799.82	78.45	77.51	0.94	3722.13	89.83
RW-17	5/22/23	3799.82	78.49	77.52	0.97	3722.12	89.83
RW-17	6/12/23	3799.82	78.35	77.46	0.89	3722.19	89.81
RW-17	6/26/23	3799.82	78.69	77.63	1.06	3721.99	89.81
RW-17	7/6/23	3799.82	--	--	0.00	--	89.81
RW-17	8/10/23	3799.87	78.75	77.71	1.04	3721.96	89.81
RW-17	8/17/23	3799.87	79.14	78.88	0.26	3720.94	--
RW-17	8/31/23	3799.87	78.46	77.87	0.59	3721.89	--
RW-17	9/7/23	3799.87	78.45	77.88	0.57	3721.88	--
RW-17	9/14/23	3799.87	78.45	77.89	0.56	3721.87	--
RW-17	10/19/23	3799.87	78.49	77.88	0.61	3721.87	--
RW-17	10/23/23	3799.87	78.48	77.92	0.56	3721.84	--
RW-17	11/9/23	3799.87	78.70	78.02	0.68	3721.72	--
RW-18	3/10/20	--	--	--	--	--	--
RW-18	4/8/20	3799.57	74.77	74.76	0.01	3724.81	93.04
RW-18	4/15/20	3799.57	74.75	--	--	3724.82	--
RW-18	4/16/20	3799.57	74.68	--	--	3724.89	92.68
RW-18	5/1/20	3799.57	74.81	--	--	3724.76	--
RW-18	5/12/20	3799.57	74.85	74.82	0.03	3724.74	--
RW-18	6/19/20	3799.57	74.96	74.88	0.08	3724.67	--
RW-18	7/29/20	3799.57	75.08	75.02	0.06	3724.54	--
RW-18	8/24/20	3799.57	75.14	75.08	0.06	3724.48	--
RW-18	9/14/20	3799.57	75.22	75.16	0.06	3724.40	--

Table 1a

Summary of Groundwater Gauging and Elevation Data (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-18	11/2/20	3799.57	75.36	75.24	0.12	3724.31	--
RW-18	12/11/20	3799.57	75.57	75.33	0.24	3724.19	--
RW-18	1/26/21	3799.57	75.85	75.44	0.41	3724.05	--
RW-18	2/9/21	3799.57	75.97	75.44	0.53	3724.03	93.03
RW-18	3/25/21	3799.57	76.52	75.49	1.03	3723.88	--
RW-18	4/28/21	3799.57	76.98	75.49	1.49	3723.80	--
RW-18	5/20/21	3799.57	77.12	75.57	1.55	3723.71	--
RW-18	7/26/21	3799.57	77.77	75.58	2.19	3723.57	--
RW-18	8/12/21	3799.57	77.95	75.61	2.34	3723.52	--
RW-18	9/28/21	3799.57	78.33	75.62	2.71	3723.44	93.03
RW-18	10/25/21	3799.57	78.26	76.00	2.26	3723.14	93.03
RW-18	11/11/21	3799.57	77.23	75.98	1.25	3723.35	93.03
RW-18	12/22/21	3799.57	78.39	76.13	2.26	3723.01	93.03
RW-18	1/28/22	3799.57	78.55	76.26	2.29	3722.87	93.03
RW-18	2/14/22	3799.57	77.48	76.23	1.25	3723.10	93.08
RW-18	3/7/22	3799.57	77.65	76.29	1.36	3723.02	93.08
RW-18	3/14/22	3799.57	77.14	76.49	0.65	3722.96	93.08
RW-18	4/14/22	3799.57	77.30	76.51	0.79	3722.91	93.08
RW-18	5/6/22	3799.57	77.41	76.50	0.91	3722.90	93.08
RW-18	6/13/22	3799.57	77.74	76.60	1.14	3722.75	93.08
RW-18	6/30/22	3799.57	77.40	76.76	0.64	3722.69	93.08
RW-18	7/5/22	3799.57	77.37	76.73	0.64	3722.72	93.08
RW-18	7/22/22	3799.57	77.49	76.74	0.75	3722.69	93.08
RW-18	7/27/22	3799.57	77.51	76.77	0.74	3722.66	93.08
RW-18	8/23/22	3799.57	77.72	76.82	0.90	3722.58	93.08
RW-18	9/16/22	3799.57	77.84	76.80	1.04	3722.57	93.08
RW-18	9/30/22	3799.57	77.41	76.95	0.46	3722.53	93.08
RW-18	10/14/22	3800.57	77.46	77.00	0.46	3723.48	93.08
RW-18	10/21/22	3801.57	77.55	76.97	0.58	3724.49	93.08
RW-18	11/9/22	3799.57	77.59	77.08	0.51	3722.39	93.08
RW-18	11/18/22	3799.57	77.76	77.07	0.69	3722.37	93.08
RW-18	12/9/22	3799.57	77.76	77.07	0.69	3722.37	93.08
RW-18	12/15/22	3799.57	77.42	77.26	0.16	3722.28	93.08
RW-18	1/13/23	3799.57	77.54	77.25	0.29	3722.27	93.08
RW-18	2/17/23	3799.57	77.93	77.39	0.54	3722.08	92.97
RW-18	3/6/23	3799.57	78.01	77.35	0.66	3722.09	92.97
RW-18	3/21/23	3799.57	78.19	77.41	0.78	3722.01	92.97
RW-18	4/13/23	3799.57	78.33	77.42	0.91	3721.98	92.97
RW-18	4/28/23	3799.57	78.49	77.49	1.00	3721.89	92.97
RW-18	5/3/23	3799.57	78.58	77.57	1.01	3721.81	92.97
RW-18	5/15/23	3799.57	78.53	77.46	1.07	3721.91	89.83
RW-18	5/22/23	3799.57	78.58	77.46	1.12	3721.90	89.83
RW-18	6/12/23	3799.57	78.36	77.40	0.96	3721.99	92.97
RW-18	6/26/23	3799.57	78.87	77.59	1.28	3721.74	92.97
RW-18	7/6/23	3799.57	78.92	77.61	1.31	3721.71	92.97
RW-18	8/10/23	3799.36	79.06	77.63	1.43	3721.46	92.97
RW-18	8/17/23	3799.36	79.12	77.75	1.37	3721.35	--
RW-18	8/31/23	3799.36	78.71	77.79	0.92	3721.40	--
RW-18	9/7/23	3799.36	78.74	77.79	0.95	3721.39	--
RW-18	9/14/23	3799.36	78.75	77.81	0.94	3721.37	--
RW-18	9/28/23	3799.57	78.89	77.87	1.02	3721.51	--
RW-18	10/19/23	3799.57	78.70	77.83	0.87	3721.58	--

Table 1a

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-18	10/23/23	3799.57	78.71	77.83	0.88	3721.57	--
RW-18	11/9/23	3799.61	78.24	78.23	0.01	3721.38	--
RW-19	3/10/20	--	--	--	--	--	--
RW-19	4/8/20	3799.31	74.54	--	--	3724.77	93.05
RW-19	4/15/20	3799.31	74.54	--	--	3724.77	--
RW-19	4/16/20	3799.31	74.46	--	--	3724.85	92.82
RW-19	5/1/20	3799.31	74.57	--	--	3724.74	--
RW-19	5/12/20	3799.31	74.59	--	--	3724.72	--
RW-19	6/19/20	3799.31	74.69	--	--	3724.62	--
RW-19	7/29/20	3799.31	74.80	--	--	3724.51	--
RW-19	8/24/20	3799.31	74.87	--	--	3724.44	--
RW-19	9/14/20	3799.31	74.94	--	--	3724.37	--
RW-19	11/2/20	3799.31	75.04	--	--	3724.27	--
RW-19	12/11/20	3799.31	75.16	--	--	3724.15	--
RW-19	1/26/21	3799.31	75.31	--	--	3724.00	--
RW-19	2/9/21	3799.31	75.31	--	--	3724.00	92.99
RW-19	3/25/21	3799.31	75.44	--	--	3723.87	--
RW-19	4/28/21	3799.31	75.51	--	--	3723.80	--
RW-19	5/20/21	3799.31	75.58	--	--	3723.73	--
RW-19	7/26/21	3799.31	75.71	--	--	3723.60	--
RW-19	8/12/21	3799.31	75.79	--	--	3723.52	92.92
RW-19	9/28/21	3799.31	75.89	--	--	3723.42	92.99
RW-19	10/25/21	3799.31	75.93	--	--	3723.38	92.99
RW-19	11/11/21	3799.31	75.98	--	--	3723.33	92.99
RW-19	1/28/22	3799.31	76.18	--	--	3723.13	92.99
RW-19	2/14/22	3799.31	76.23	--	--	3723.08	92.82
RW-19	3/14/22	3799.31	76.35	--	--	3722.96	92.82
RW-19	4/14/22	3799.31	76.42	--	--	3722.89	92.82
RW-19	5/6/22	3799.31	76.44	--	--	3722.87	92.82
RW-19	6/13/22	3799.31	76.56	--	--	3722.75	92.82
RW-19	7/27/22	3799.31	76.66	--	--	3722.65	92.82
RW-19	8/15/22	3799.31	76.71	--	--	3722.60	92.82
RW-19	11/9/22	3799.31	76.91	--	--	3722.40	92.82
RW-19	2/9/23	3799.31	77.22	--	--	3722.09	92.85
RW-19	5/3/23	3799.31	77.48	--	--	3721.83	92.85
RW-19	8/10/23	3799.36	77.63	--	--	3721.73	92.85
RW-19	11/9/23	3799.36	77.81	--	--	3721.55	--

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. Dry - No fluid column measured in corresponding monitoring well
6. P&A - Plugged and Abandoned
7. 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. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-1A	9/6/11	3800.59	70.65	70.63	0.02	3729.96	74.14
MW-1A	11/29/11	3800.59	70.83	--	--	3729.76	74.15
MW-1A	3/5/12	3800.59	70.97	--	--	3729.62	74.12
MW-1A	6/5/12	3800.59	71.15	--	--	3729.44	74.15
MW-1A	9/10/12	3800.59	71.33	--	--	3729.26	74.15
MW-1A	12/3/12	3800.59	71.50	--	--	3729.09	74.20
MW-1A	3/4/13	3800.59	71.66	--	--	3728.93	74.10
MW-1A	5/28/13	3800.59	71.85	--	--	3728.74	--
MW-1A	8/27/13	3800.59	72.05	--	--	3728.54	74.18
MW-1A	11/12/13	3800.59	72.17	--	--	3728.42	74.17
MW-1A	2/24/14	3800.59	73.26	--	--	3727.33	74.15
MW-1A	5/27/14	3800.59	72.58	--	--	3728.01	--
MW-1A	9/2/14	3800.59	72.75	--	--	3727.84	--
MW-1A	11/18/14	3800.59	72.95	--	--	3727.64	--
MW-1A	3/2/15	3800.59	73.19	--	--	3727.40	74.19
MW-1A	6/1/15	3800.59	73.31	--	--	3727.28	--
MW-1A	8/11/15	3800.59	73.51	--	--	3727.08	--
MW-1A	11/30/15	3800.59	73.75	--	--	3726.84	--
MW-1A	2/8/16	3800.59	Dry	--	--	--	74.18
MW-1A	5/23/16	3800.59	Dry	--	--	--	--
MW-1A	8/29/16	3800.59	Dry	--	--	--	74.16
MW-1A	11/1/16	3800.59	Dry	--	--	--	79.18
MW-1A	3/3/17	3800.59	Dry	--	--	--	--
MW-1A	5/30/17	3800.59	Dry	--	--	--	79.25
MW-1A	8/28/17	3802.65	Dry	--	--	--	74.10
MW-1A	11/28/17	3802.65	Dry	--	--	--	74.08
MW-1A	2/26/18	3802.65	Dry	--	--	--	74.18
MW-1A	5/29/18	3802.65	Dry	--	--	--	--
MW-1A	8/27/18	3802.65	Dry	--	--	--	--
MW-1A	11/26/18	3802.65	Dry	--	--	--	74.17
MW-1A	2/26/19	3802.65	Dry	--	--	--	--
MW-1A	5/20/19	3802.65	Dry	--	--	--	74.03
MW-1A	7/22/19	3802.65	Dry	--	--	--	--
MW-1A	10/21/19	3802.65	Dry	--	--	--	74.19
MW-2	6/15/11	3796.33	66.33	--	--	3730.00	68.80
MW-2	9/6/11	3796.33	66.53	--	--	3729.80	68.85
MW-2	11/29/11	3796.33	66.70	--	--	3729.63	68.90
MW-2	3/5/12	3796.33	66.81	--	--	3729.52	68.93
MW-2	6/5/12	3796.33	66.97	--	--	3729.36	68.85
MW-2	9/10/12	3796.33	67.15	--	--	3729.18	--
MW-2	12/3/12	3796.33	67.30	--	--	3729.03	68.81
MW-2	3/4/13	3796.33	67.46	--	--	3728.87	68.76
MW-2	5/28/13	3796.33	67.65	--	--	3728.68	--
MW-2	8/27/13	3796.33	67.84	--	--	3728.49	68.79
MW-2	11/12/13	3796.33	Dry	--	--	--	68.80
MW-2	2/25/14	3796.33	Dry	--	--	--	--
MW-2	5/27/14	3796.33	68.34	--	--	3727.99	--
MW-2	9/2/14	3796.33	68.55	--	--	3727.78	--
MW-2	11/18/14	3796.33	Dry	--	--	--	--
MW-2	3/2/15	3796.33	68.78	--	--	3727.55	68.79
MW-2	6/1/15	3796.33	Dry	--	--	--	--
MW-2	8/11/15	3796.33	Dry	--	--	--	--

Table 1b

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	11/30/15	3796.33	Dry	--	--	--	--
MW-2	2/8/16	3796.33	Dry	--	--	--	68.74
MW-2	5/23/16	3796.33	Dry	--	--	--	--
MW-2	8/29/16	3796.33	Dry	--	--	--	--
MW-2	11/1/16	3796.33	Dry	--	--	--	--
MW-2	3/3/17	3796.33	Dry	--	--	--	--
MW-2	5/30/17	3796.33	Dry	--	--	--	68.70
MW-2	8/28/17	3798.32	Dry	--	--	--	68.69
MW-2	11/28/17	3798.32	Dry	--	--	--	68.65
MW-2	2/26/18	3798.32	Dry	--	--	--	68.73
MW-2	5/29/18	3798.32	Dry	--	--	--	68.73
MW-2	8/27/18	3798.32	Dry	--	--	--	68.73
MW-2	11/26/18	3798.32	Dry	--	--	--	68.72
MW-2	2/26/19	3798.32	Dry	--	--	--	--
MW-2	5/20/19	3798.32	Dry	--	--	--	--
MW-2	7/22/19	3798.32	Dry	--	--	--	--
MW-2	10/21/19	3798.32	Dry	--	--	--	68.70
MW-3	6/15/11	3798.10	68.39	--	--	3729.71	68.92
MW-3	9/6/11	3798.10	68.55	--	--	3729.55	69.01
MW-3	11/29/11	3798.10	68.72	--	--	3729.38	69.05
MW-3	3/5/12	3798.10	68.88	--	--	3729.22	69.08
MW-3	6/5/12	3798.10	68.95	--	--	3729.15	69.02
MW-3	9/10/12	3798.10	Dry	--	--	--	68.93
MW-3	12/3/12	3798.10	Dry	--	--	--	68.95
MW-3	3/4/13	3798.10	Dry	--	--	--	69.04
MW-3	5/28/13	3798.10	Dry	--	--	--	--
MW-3	8/27/13	3798.10	Dry	--	--	--	--
MW-3	11/12/13	3798.10	Dry	--	--	--	69.05
MW-3	2/24/14	3798.10	Dry	--	--	--	--
MW-3	5/27/14	3798.10	Dry	--	--	--	--
MW-3	9/2/14	3798.10	Dry	--	--	--	--
MW-3	10/15/14	P&A	--	--	--	--	--
MW-3R	11/18/14	3797.80	74.25	69.77	4.48	3727.18	85.12
MW-3R	3/2/15	3797.80	70.69	--	--	3727.11	84.98
MW-3R	6/1/15	3797.80	70.83	--	--	3726.97	--
MW-3R	8/11/15	3797.80	71.00	--	--	3726.80	--
MW-3R	11/30/15	3797.80	71.25	--	--	3726.55	--
MW-3R	2/8/16	3797.80	71.39	--	--	3726.41	84.93
MW-3R	5/23/16	3797.80	71.62	--	--	3726.18	--
MW-3R	5/23/16	3797.80	--	--	--	--	--
MW-3R	8/29/16	3797.80	71.82	--	--	3725.98	--
MW-3R	8/31/16	3797.80	--	--	--	--	--
MW-3R	11/1/16	3797.80	72.03	--	--	3725.77	--
MW-3R	11/4/16	3797.80	--	--	--	--	--
MW-3R	3/3/17	3797.80	72.24	--	--	3725.56	84.43
MW-3R	3/3/17	3797.80	--	--	--	--	--
MW-3R	5/16/17	3797.80	--	--	--	--	--
MW-3R	5/30/17	3797.80	72.42	--	--	3725.38	84.91
MW-3R	6/2/17	3797.80	--	--	--	--	--
MW-3R	8/28/17	3799.85	72.62	--	--	3727.23	83.95
MW-3R	8/28/17	3799.85	--	--	--	--	--
MW-3R	11/28/17	3799.85	72.83	--	--	3727.02	83.84

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-3R	11/30/17	3799.85	--	--	--	--	--
MW-3R	2/26/18	3799.85	72.98	--	--	3726.87	84.04
MW-3R	5/29/18	3799.85	73.25	--	--	3726.60	84.01
MW-3R	8/27/18	3799.85	73.39	--	--	3726.46	84.04
MW-3R	11/26/18	3799.85	73.65	--	--	3726.20	--
MW-3R	2/26/19	3799.85	73.89	--	--	3725.96	--
MW-3R	5/20/19	3799.85	74.10	--	--	3725.75	--
MW-3R	7/22/19	3799.85	74.21	--	--	3725.64	--
MW-3R	7/25/19	3799.85	--	--	--	--	--
MW-3R	10/21/19	3799.85	74.45	--	--	3725.40	--
MW-3R	10/25/19	3799.85	--	--	--	--	--
MW-4	6/15/11	3797.73	67.65	--	--	3730.08	69.95
MW-4	9/6/11	3797.73	67.82	--	--	3729.91	70.00
MW-4	11/29/11	3797.73	68.00	--	--	3729.73	--
MW-4	3/5/12	3797.73	68.15	--	--	3729.58	--
MW-4	6/5/12	3797.73	68.32	--	--	3729.41	70.15
MW-4	9/10/12	3797.73	68.52	--	--	3729.21	70.11
MW-4	12/3/12	3797.73	68.61	--	--	3729.12	--
MW-4	3/4/13	3797.73	68.82	--	--	3728.91	70.14
MW-4	5/28/13	3797.73	69.00	--	--	3728.73	--
MW-4	8/27/13	3797.73	69.19	--	--	3728.54	70.04
MW-4	11/12/13	3797.73	69.33	--	--	3728.40	70.16
MW-4	2/24/14	3797.73	69.50	--	--	3728.23	70.15
MW-4	5/27/14	3797.73	69.71	--	--	3728.02	--
MW-4	9/2/14	3797.73	69.93	--	--	3727.80	--
MW-4	11/18/14	3797.73	70.06	--	--	3727.67	--
MW-4	3/2/15	3797.73	Dry	--	--	--	70.12
MW-4	6/2/15	3797.73	Dry	--	--	--	--
MW-4	8/11/15	3797.73	Dry	--	--	--	--
MW-4	11/30/15	3797.73	Dry	--	--	--	--
MW-4	2/8/16	3797.73	Dry	--	--	--	70.09
MW-4	5/23/16	3797.73	Dry	--	--	--	--
MW-4	8/29/16	3797.73	Dry	--	--	--	--
MW-4	11/1/16	3797.73	Dry	--	--	--	--
MW-4	2/23/17	P&A	--	--	--	--	--
MW-4R	3/3/17	--	--	--	--	--	--
MW-4R	5/30/17	3799.39	71.60	--	--	3727.79	90.80
MW-4R	8/10/17	3799.39	--	--	--	--	--
MW-4R	8/28/17	3799.39	71.80	--	--	3727.59	90.30
MW-4R	8/28/17	3799.39	--	--	--	--	--
MW-4R	11/28/17	3799.39	72.00	--	--	3727.39	90.29
MW-4R	11/30/17	3799.39	--	--	--	--	--
MW-4R	2/26/18	3799.39	72.15	--	--	3727.24	90.29
MW-4R	5/29/18	3799.39	72.41	--	--	3726.98	90.21
MW-4R	8/27/18	3799.39	72.58	--	--	3726.81	90.29
MW-4R	11/26/18	3799.39	72.85	--	--	3726.54	--
MW-4R	2/26/19	3799.39	73.06	--	--	3726.33	--
MW-4R	2/26/19	3799.39	--	--	--	--	--
MW-4R	4/30/19	3799.39	--	--	--	--	--
MW-4R	5/20/19	3799.39	73.28	--	--	3726.11	--
MW-4R	7/22/19	3799.39	73.42	--	--	3725.97	--
MW-4R	7/25/19	3799.39	--	--	--	--	--

Table 1b

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-4R	10/21/19	3799.39	73.57	--	--	3725.82	--
MW-4R	10/25/19	3799.39	--	--	--	--	--
MW-5	6/15/11	3797.23	67.03	--	--	3730.20	70.00
MW-5	9/6/11	3797.23	67.22	--	--	3730.01	70.07
MW-5	11/29/11	3797.23	67.39	--	--	3729.84	70.10
MW-5	3/5/12	3797.23	67.55	--	--	3729.68	70.13
MW-5	6/5/12	3797.23	67.70	--	--	3729.53	70.06
MW-5	9/10/12	3797.23	67.87	--	--	3729.36	70.08
MW-5	12/3/12	3797.23	68.01	--	--	3729.22	70.15
MW-5	3/4/13	3797.23	68.22	--	--	3729.01	70.13
MW-5	5/28/13	3797.23	68.37	--	--	3728.86	--
MW-5	8/27/13	3797.23	68.56	--	--	3728.67	70.14
MW-5	11/12/13	3797.23	68.71	--	--	3728.52	--
MW-5	2/24/14	3797.23	68.90	--	--	3728.33	--
MW-5	5/27/14	3797.23	69.08	--	--	3728.15	--
MW-5	9/2/14	3797.23	69.29	--	--	3727.94	--
MW-5	11/18/14	3797.23	69.48	--	--	3727.75	--
MW-5	3/2/15	3797.23	69.70	--	--	3727.53	70.02
MW-5	6/1/15	3797.23	69.79	--	--	3727.44	--
MW-5	8/11/15	3797.23	69.87	--	--	3727.36	--
MW-5	11/30/15	3797.23	69.90	--	--	3727.33	--
MW-5	2/8/16	3797.23	Dry	--	--	--	70.17
MW-5	5/23/16	3797.23	Dry	--	--	--	--
MW-5	8/29/16	3797.23	Dry	--	--	--	--
MW-5	11/1/16	3797.23	Dry	--	--	--	--
MW-5	3/3/17	3797.23	Dry	--	--	--	--
MW-5	5/30/17	3797.23	Dry	--	--	--	70.20
MW-5	8/28/17	3799.29	Dry	--	--	--	70.10
MW-5	11/28/17	3799.29	Dry	--	--	--	70.07
MW-5	2/26/18	3799.29	Dry	--	--	--	70.14
MW-5	5/29/18	3799.29	Dry	--	--	--	70.13
MW-5	8/27/18	3799.29	Dry	--	--	--	70.14
MW-5	11/26/18	3799.29	Dry	--	--	--	70.14
MW-5	2/26/19	3799.29	Dry	--	--	--	--
MW-5	5/20/19	3799.29	Dry	--	--	--	--
MW-5	7/22/19	3799.29	Dry	--	--	--	--
MW-5	10/21/19	3799.29	Dry	--	--	--	70.13
MW-6	6/15/11	3796.51	66.28	--	--	3730.23	69.20
MW-6	9/6/11	3796.51	66.50	--	--	3730.01	69.23
MW-6	11/29/11	3796.51	66.65	--	--	3729.86	70.32
MW-6	3/5/12	3796.51	66.79	--	--	3729.72	70.30
MW-6	6/5/12	3796.51	66.95	--	--	3729.56	69.75
MW-6	9/10/12	3796.51	67.17	--	--	3729.34	69.21
MW-6	12/3/12	3796.51	67.28	--	--	3729.23	69.22
MW-6	3/4/13	3796.51	67.44	--	--	3729.07	69.20
MW-6	5/28/13	3796.51	67.61	--	--	3728.90	69.22
MW-6	8/27/13	3796.51	67.78	--	--	3728.73	--
MW-6	11/12/13	3796.51	67.96	--	--	3728.55	69.29
MW-6	2/24/14	3796.51	68.15	--	--	3728.36	69.25
MW-6	5/27/14	3796.51	68.31	--	--	3728.20	--
MW-6	9/2/14	3796.51	68.57	--	--	3727.94	--
MW-6	11/18/14	3796.51	68.71	--	--	3727.80	--

Table 1b

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	3/2/15	3796.51	68.88	--	--	3727.63	69.27
MW-6	6/1/15	3796.51	69.20	--	--	3727.31	--
MW-6	8/11/15	3796.51	69.20	--	--	3727.31	--
MW-6	11/30/15	3796.51	Dry	--	--	--	--
MW-6	2/8/16	3796.51	Dry	--	--	--	69.26
MW-6	5/23/16	3796.51	Dry	--	--	--	--
MW-6	8/30/16	3796.51	Dry	--	--	--	--
MW-6	11/1/16	3796.51	Dry	--	--	--	--
MW-6	3/3/17	3796.51	Dry	--	--	--	--
MW-6	5/30/17	3796.51	Dry	--	--	--	69.25
MW-6	8/28/17	3798.55	Dry	--	--	--	69.21
MW-6	11/28/17	3798.55	69.19	--	--	3729.36	69.20
MW-6	2/26/18	3798.55	Dry	--	--	--	69.23
MW-6	5/29/18	3798.55	Dry	--	--	--	69.25
MW-6	8/27/18	3798.55	Dry	--	--	--	69.23
MW-6	11/26/18	3798.55	Dry	--	--	--	69.20
MW-6	2/26/19	3798.55	Dry	--	--	--	--
MW-6	5/20/19	3798.55	Dry	--	--	--	--
MW-6	7/22/19	3798.55	Dry	--	--	--	--
MW-6	10/21/19	3798.55	Dry	--	--	--	69.20
MW-7	6/15/11	3796.16	65.86	--	--	3730.30	68.73
MW-7	9/6/11	3796.16	66.05	--	--	3730.11	67.75
MW-7	11/29/11	3796.16	66.22	--	--	3729.94	68.80
MW-7	3/5/12	3796.16	66.34	--	--	3729.82	--
MW-7	6/5/12	3796.16	66.52	--	--	3729.64	68.85
MW-7	9/10/12	3796.16	66.72	--	--	3729.44	68.76
MW-7	12/3/12	3796.16	66.89	--	--	3729.27	68.81
MW-7	3/4/13	3796.16	67.05	--	--	3729.11	68.77
MW-7	5/28/13	3796.16	Dry	--	--	--	68.80
MW-7	8/27/13	3796.16	67.39	--	--	3728.77	68.79
MW-7	11/12/13	3796.16	67.54	--	--	3728.62	68.81
MW-7	2/24/14	3796.16	67.72	--	--	3728.44	68.75
MW-7	5/27/14	3796.16	67.90	--	--	3728.26	--
MW-7	9/3/14	3796.16	68.14	--	--	3728.02	--
MW-7	11/18/14	3796.16	68.31	--	--	3727.85	--
MW-7	3/2/15	3796.16	68.54	--	--	3727.62	68.83
MW-7	6/1/15	3796.16	68.64	--	--	3727.52	--
MW-7	8/11/15	3796.16	Dry	--	--	--	--
MW-7	11/30/15	3796.16	Dry	--	--	--	68.83
MW-7	2/8/16	3796.16	Dry	--	--	--	68.78
MW-7	5/23/16	3796.16	Dry	--	--	--	--
MW-7	8/29/16	3796.16	Dry	--	--	--	--
MW-7	11/1/16	3796.16	Dry	--	--	--	--
MW-7	3/3/17	3796.16	Dry	--	--	--	--
MW-7	5/30/17	3796.16	Dry	--	--	--	68.70
MW-7	8/28/17	3798.24	Dry	--	--	--	68.67
MW-7	11/29/17	3798.24	Dry	--	--	--	68.74
MW-7	2/26/18	3798.24	Dry	--	--	--	73.64
MW-7	5/29/18	3798.24	Dry	--	--	--	73.61
MW-7	8/27/18	3798.24	Dry	--	--	--	68.69
MW-7	11/26/18	3798.24	Dry	--	--	--	68.68
MW-7	2/26/19	3798.24	Dry	--	--	--	--

Table 1b

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Darr Angell No. 4
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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
MW-7	5/20/19	3798.24	Dry	--	--	--	--
MW-7	7/22/19	3798.24	Dry	--	--	--	--
MW-7	10/21/19	3798.24	Dry	--	--	--	68.70
MW-8	6/15/11	3795.89	65.82	--	--	3730.07	66.31
MW-8	9/6/11	3795.89	66.02	--	--	3729.87	66.35
MW-8	11/29/11	3795.89	66.20	--	--	3729.69	66.51
MW-8	3/5/12	3795.89	66.32	66.29	0.03	3729.59	66.55
MW-8	6/5/12	3795.89	66.50	66.46	0.04	3729.42	66.51
MW-8	9/10/12	3795.89	Dry	--	--	--	66.50
MW-8	12/3/12	3795.89	Dry	--	--	--	66.52
MW-8	3/4/13	3795.89	Dry	--	--	--	66.53
MW-8	5/28/13	3795.89	Dry	--	--	--	66.62
MW-8	8/27/13	3795.89	Dry	--	--	--	66.64
MW-8	11/12/13	3795.89	Dry	--	--	--	66.85
MW-8	2/24/14	3795.89	Dry	--	--	--	66.65
MW-8	5/27/14	3795.89	Dry	--	--	--	--
MW-8	9/2/14	3795.89	Dry	--	--	--	--
MW-8	11/18/14	3795.89	Dry	--	--	--	--
MW-8	3/2/15	3795.89	Dry	--	--	--	66.76
MW-8	6/1/15	3795.89	Dry	--	--	--	--
MW-8	8/11/15	3795.89	Dry	--	--	--	--
MW-8	11/30/15	3795.89	Dry	--	--	--	--
MW-8	2/8/16	3795.89	Dry	--	--	--	66.75
MW-8	5/23/16	3795.89	Dry	--	--	--	--
MW-8	8/30/16	3795.89	Dry	--	--	--	--
MW-8	11/1/16	3795.89	Dry	--	--	--	--
MW-8	2/23/17	P&A	--	--	--	--	--
MW-8R	3/3/17	--	--	--	--	--	--
MW-8R	5/16/17	3798.47	--	--	--	--	--
MW-8R	5/30/17	3798.47	70.80		--	3727.67	89.93
MW-8R	6/2/17	3798.47	--	--	--	--	--
MW-8R	7/6/17	3798.47	--	--	--	--	--
MW-8R	7/13/17	3798.47	--	--	--	--	--
MW-8R	8/2/17	3798.47	--	--	--	--	--
MW-8R	8/28/17	3798.47	71.03		--	3727.44	88.85
MW-8R	8/28/17	3798.47	--	--	--	--	--
MW-8R	9/6/17	3798.47	--	--	--	--	--
MW-8R	9/13/17	3798.47	--	--	--	--	--
MW-8R	9/20/17	3798.47	--	--	--	--	--
MW-8R	10/12/17	3798.47	--	--	--	--	--
MW-8R	10/17/17	3798.47	--	--	--	--	--
MW-8R	10/25/17	3798.47	--	--	--	--	--
MW-8R	10/31/17	3798.47	--	--	--	--	--
MW-8R	11/28/17	3798.47	71.25		--	3727.22	88.63
MW-8R	11/30/17	3798.47	--	--	--	--	--
MW-8R	12/5/17	3798.47	--	--	--	--	--
MW-8R	12/12/17	3798.47	--	--	--	--	--
MW-8R	12/21/17	3798.47	--	--	--	--	--
MW-8R	2/26/18	3798.47	71.38		--	3727.09	88.84
MW-8R	5/29/18	3798.47	71.66		--	3726.81	88.77
MW-8R	8/27/18	3798.47	71.79		--	3726.68	88.84
MW-8R	11/26/18	3798.47	72.06		--	3726.41	88.84

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-8R	2/26/19	3798.47	72.28		--	3726.19	
MW-8R	2/26/19	3798.47	--	--	--	--	--
MW-8R	4/30/19	3798.47	72.38		--	3726.09	
MW-8R	5/20/19	3798.47	72.51		--	3725.96	
MW-8R	6/11/19	3798.47	--	--	--	--	--
MW-8R	7/22/19	3798.47	72.68		--	3725.79	
MW-8R	7/25/19	3798.47	--	--	--	--	--
MW-8R	9/3/19	3798.47	--	--	--	--	--
MW-8R	10/21/19	3798.47	72.83		--	3725.64	
MW-8R	10/25/19	3798.47	--	--	--	--	--
MW-8R	12/11/19	3798.47	--	--	--	--	--
MW-9	6/15/11	3795.66	65.93	--	--	3729.73	69.18
MW-9	9/6/11	3795.66	66.11	--	--	3729.55	69.22
MW-9	11/29/11	3795.66	66.28	--	--	3729.38	69.24
MW-9	3/5/12	3795.66	66.41	--	--	3729.25	69.27
MW-9	6/5/12	3795.66	66.58	--	--	3729.08	69.70
MW-9	9/10/12	3795.66	66.82	--	--	3728.84	69.31
MW-9	12/3/12	3795.66	66.93	--	--	3728.73	69.45
MW-9	3/4/13	3795.66	67.06	--	--	3728.60	69.30
MW-9	5/28/13	3795.66	67.24	--	--	3728.42	69.32
MW-9	8/27/13	3795.66	67.40	--	--	3728.26	68.40
MW-9	11/12/13	3795.66	67.55	--	--	3728.11	69.41
MW-9	2/24/14	3795.66	67.72	--	--	3727.94	69.40
MW-9	5/27/14	3795.66	67.92	--	--	3727.74	69.40
MW-9	9/2/14	3795.66	68.13	--	--	3727.53	69.40
MW-9	11/18/14	3795.66	68.30	--	--	3727.36	69.40
MW-9	3/2/15	3795.66	68.53	--	--	3727.13	69.48
MW-9	6/2/15	3795.66	68.66	--	--	3727.00	--
MW-9	8/11/15	3795.66	68.88	--	--	3726.78	--
MW-9	11/30/15	3795.66	69.07	--	--	3726.59	--
MW-9	2/8/16	3795.66	Dry	--	--	--	69.47
MW-9	5/23/16	3795.66	Dry	--	--	--	--
MW-9	8/30/16	3795.66	69.38	--	--	3726.28	--
MW-9	11/1/16	3795.66	Dry	--	--	--	--
MW-9	3/3/17	3795.66	Dry	--	--	--	--
MW-9	5/30/17	3795.66	Dry	--	--	--	69.48
MW-9	8/28/17	3797.73	Dry	--	--	--	69.40
MW-9	11/28/17	3797.73	Dry	--	--	--	69.38
MW-9	2/26/18	3797.73	Dry	--	--	--	69.45
MW-9	5/29/18	3797.73	Dry	--	--	--	69.48
MW-9	8/27/18	3797.73	Dry	--	--	--	69.45
MW-9	11/26/18	3797.73	Dry	--	--	--	69.41
MW-9	2/26/19	3797.73	Dry	--	--	--	--
MW-9	5/20/19	3797.73	Dry	--	--	--	--
MW-9	7/22/19	3797.73	Dry	--	--	--	--
MW-9	10/21/19	3797.73	Dry	--	--	--	69.40
MW-10	6/15/11	3796.23	66.63	--	--	3729.60	69.20
MW-10	9/6/11	3796.23	66.80	--	--	3729.43	69.28
MW-10	11/29/11	3796.23	66.97	--	--	3729.26	70.40
MW-10	3/5/12	3796.23	67.11	--	--	3729.12	--
MW-10	6/5/12	3796.23	67.26	--	--	3728.97	69.40
MW-10	9/10/12	3796.23	66.51	--	--	3729.72	69.46

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	12/3/12	3796.23	67.60	--	--	3728.63	69.55
MW-10	3/4/13	3796.23	67.78	--	--	3728.45	69.48
MW-10	5/28/13	3796.23	67.93	--	--	3728.30	69.45
MW-10	8/27/13	3796.23	68.11	--	--	3728.12	69.52
MW-10	11/12/13	3796.23	68.27	--	--	3727.96	69.56
MW-10	2/24/14	3796.23	Dry	--	--	--	69.55
MW-10	5/27/14	3796.23	68.62	--	--	3727.61	--
MW-10	9/3/14	3796.23	68.82	--	--	3727.41	--
MW-10	11/18/14	3796.23	69.03	--	--	3727.20	--
MW-10	3/2/15	3796.23	69.24	--	--	3726.99	69.65
MW-10	6/1/15	3796.23	69.30	--	--	3726.93	69.56
MW-10	8/11/15	3796.23	Dry	--	--	--	69.59
MW-10	11/30/15	3796.23	Dry	--	--	--	69.65
MW-10	2/8/16	3796.23	Dry	--	--	--	63.64
MW-10	5/23/16	3796.23	Dry	--	--	--	--
MW-10	8/29/16	3796.23	Dry	--	--	--	--
MW-10	11/1/16	3796.23	69.59	--	--	3726.64	--
MW-10	2/23/17	P&A	--	--	--	--	--
MW-10R	3/3/17	3797.99	--	--	--	--	--
MW-10R	5/30/17	3797.99	70.60		--	3727.39	89.31
MW-10R	6/2/17	3797.99	--	--	--	--	--
MW-10R	8/28/17	3797.99	70.85		--	3727.14	89.16
MW-10R	8/28/17	3797.99	--	--	--	--	--
MW-10R	10/17/17	3797.99	--	--	--	--	--
MW-10R	10/25/17	3797.99	--	--	--	--	--
MW-10R	11/28/17	3797.99	71.05		--	3726.94	89.15
MW-10R	11/30/17	3797.99	--	--	--	--	--
MW-10R	12/5/17	3797.99	--	--	--	--	--
MW-10R	12/12/17	3797.99	--	--	--	--	--
MW-10R	12/21/17	3797.99	--	--	--	--	--
MW-10R	2/26/18	3797.99	71.22	--	--	3726.77	89.07
MW-10R	5/29/18	3797.99	71.50	--	--	3726.49	89.30
MW-10R	8/27/18	3797.99	71.62	--	--	3726.37	89.07
MW-10R	11/26/18	3797.99	71.89	--	--	3726.10	--
MW-10R	2/26/19	3797.99	72.11	--	--	3725.88	--
MW-10R	2/26/19	3797.99	--	--	--	--	--
MW-10R	5/20/19	3797.99	72.32	--	--	3725.67	--
MW-10R	7/22/19	3797.99	72.50	--	--	3725.49	--
MW-10R	7/25/19	3797.99	--	--	--	--	--
MW-10R	9/3/19	3797.99	--	--	--	--	--
MW-10R	10/21/19	3797.99	72.70	--	--	3725.29	--
MW-10R	10/24/19	3797.99	--	--	--	--	--
MW-10R	12/11/19	3797.99	--	--	--	--	--
MW-11	6/15/11	3796.58	67.11	--	--	3729.47	70.03
MW-11	9/6/11	3796.58	67.28	--	--	3729.30	70.03
MW-11	11/29/11	3796.58	67.45	--	--	3729.13	70.05
MW-11	3/5/12	3796.58	67.62	--	--	3728.96	70.08
MW-11	6/5/12	3796.58	67.76	--	--	3728.82	70.10
MW-11	9/10/12	3796.58	67.96	--	--	3728.62	70.11
MW-11	12/3/12	3796.58	68.10	--	--	3728.48	70.10
MW-11	3/4/13	3796.58	68.25	--	--	3728.33	70.06
MW-11	5/28/13	3796.58	68.42	--	--	3728.16	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-11	8/27/13	3796.58	68.59	--	--	3727.99	70.09
MW-11	11/12/13	3796.58	68.75	--	--	3727.83	70.14
MW-11	2/24/14	3796.58	Dry	--	--	--	70.12
MW-11	5/27/14	3796.58	69.11	--	--	3727.47	--
MW-11	9/2/14	3796.58	69.31	--	--	3727.27	--
MW-11	11/18/14	3796.58	69.53	--	--	3727.05	--
MW-11	3/2/15	3796.58	69.71	--	--	3726.87	70.20
MW-11	6/1/15	3796.58	69.85	--	--	3726.73	--
MW-11	8/11/15	3796.58	70.06	--	--	3726.52	--
MW-11	11/30/15	3796.58	Dry	--	--	--	--
MW-11	2/8/16	3796.58	Dry	--	--	--	70.17
MW-11	5/23/16	3796.58	Dry	--	--	--	--
MW-11	8/29/16	3796.58	Dry	--	--	--	--
MW-11	11/1/16	3796.58	Dry	--	--	--	--
MW-11	3/3/17	3796.58	Dry	--	--	--	--
MW-11	5/30/17	3796.58	Dry	--	--	--	70.30
MW-11	8/28/17	3798.67	Dry	--	--	--	70.08
MW-11	11/28/17	3798.67	Dry	--	--	--	70.07
MW-11	2/26/18	3798.67	Dry	--	--	--	70.18
MW-11	5/29/18	3798.67	Dry	--	--	--	70.20
MW-11	8/27/18	3798.67	Dry	--	--	--	70.18
MW-11	11/26/18	3798.67	Dry	--	--	--	70.15
MW-11	2/26/19	3798.67	Dry	--	--	--	--
MW-11	5/20/19	3798.67	Dry	--	--	--	--
MW-11	7/22/19	3798.67	Dry	--	--	--	--
MW-11	10/21/19	3798.67	Dry	--	--	--	70.12
MW-12	6/15/11	3798.03	68.39	--	--	3729.64	69.74
MW-12	9/6/11	3798.03	68.55	--	--	3729.48	69.74
MW-12	11/29/11	3798.03	68.73	--	--	3729.30	69.75
MW-12	3/5/12	3798.03	68.88	--	--	3729.15	69.78
MW-12	6/5/12	3798.03	69.04	--	--	3728.99	69.70
MW-12	9/10/12	3798.03	69.20	--	--	3728.83	69.71
MW-12	12/3/12	3798.03	Dry	--	--	--	69.77
MW-12	3/4/13	3798.03	69.54	--	--	3728.49	69.63
MW-12	5/28/13	3798.03	Dry	--	--	--	69.60
MW-12	8/27/13	3798.03	Dry	--	--	--	69.65
MW-12	11/12/13	3798.03	Dry	--	--	--	69.66
MW-12	2/24/14	3798.03	Dry	--	--	--	69.63
MW-12	5/27/14	3798.03	Dry	--	--	--	--
MW-12	9/2/14	3798.03	Dry	--	--	--	--
MW-12	10/15/14	P&A	--	--	--	--	--
MW-12R	11/18/14	3798.00	70.80	--	--	3727.20	83.85
MW-12R	3/2/15	3798.00	71.02	--	--	3726.98	83.19
MW-12R	6/1/15	3798.00	71.16	--	--	3726.84	--
MW-12R	8/11/15	3798.00	71.34	--	--	3726.66	--
MW-12R	11/30/15	3798.00	71.60	--	--	3726.40	--
MW-12R	2/8/16	3798.00	71.72	--	--	3726.28	82.53
MW-12R	5/23/16	3798.00	71.96	--	--	3726.04	82.53
MW-12R	5/23/16	3798.00	--	--	--	--	--
MW-12R	8/9/16	3798.00	--	--	--	--	--
MW-12R	8/29/16	3798.00	72.13	--	--	3725.87	82.53
MW-12R	8/31/16	3798.00	--	--	--	--	--

Table 1b

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Darr Angell No. 4
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Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-12R	11/1/16	3798.00	72.34	--	--	3725.66	82.53
MW-12R	11/4/16	3798.00	--	--	--	--	--
MW-12R	3/3/17	3798.00	72.56	--	--	3725.44	81.04
MW-12R	3/3/17	3798.00	--	--	--	--	--
MW-12R	5/16/17	3798.00	--	--	--	--	--
MW-12R	5/30/17	3798.00	72.75	--	--	3725.25	81.40
MW-12R	6/2/17	3798.00	--	--	--	--	--
MW-12R	7/13/17	3800.06	--	--	--	--	--
MW-12R	8/10/17	3800.06	--	--	--	--	--
MW-12R	8/28/17	3800.06	72.94	--	--	3727.12	80.27
MW-12R	8/28/17	3800.06	--	--	--	--	--
MW-12R	9/6/17	3800.06	--	--	--	--	--
MW-12R	9/13/17	3800.06	--	--	--	--	--
MW-12R	9/20/17	3800.06	--	--	--	--	--
MW-12R	10/17/17	3800.06	--	--	--	--	--
MW-12R	10/25/17	3800.06	--	--	--	--	--
MW-12R	10/31/17	3800.06	--	--	--	--	--
MW-12R	11/28/17	3800.06	73.14	--	--	3726.92	79.80
MW-12R	11/30/17	3800.06	--	--	--	--	--
MW-12R	12/5/17	3800.06	--	--	--	--	--
MW-12R	12/12/17	3800.06	--	--	--	--	--
MW-12R	12/21/17	3800.06	--	--	--	--	--
MW-12R	2/26/18	3800.06	73.32	--	--	3726.74	79.79
MW-12R	5/29/18	3800.06	73.60	--	--	3726.46	79.60
MW-12R	8/27/18	3800.06	73.73	--	--	3726.33	79.79
MW-12R	11/26/18	3800.06	73.98	--	--	3726.08	
MW-12R	2/26/19	3800.06	74.20	--	--	3725.86	
MW-12R	2/26/19	3800.06	--	--	--	--	--
MW-12R	5/20/19	3800.06	74.40	--	--	3725.66	
MW-12R	7/22/19	3800.06	74.60	--	--	3725.46	
MW-12R	7/25/19	3800.06	--	--	--	--	--
MW-12R	10/21/19	3800.06	74.85	--	--	3725.21	
MW-12R	10/25/19	3800.06	--	--	--	--	--
MW-13	6/15/11	3799.65	69.63	--	--	3730.02	69.72
MW-13	9/6/11	3799.65	69.65	--	--	3730.00	69.74
MW-13	11/29/11	3799.65	69.65	--	--	3730.00	69.75
MW-13	3/5/12	3799.65	69.67	--	--	3729.98	69.77
MW-13	6/5/12	3799.65	69.65	--	--	3730.00	69.72
MW-13	9/10/12	3799.65	Dry	--	--	--	69.72
MW-13	12/3/12	3799.65	Dry	--	--	--	69.75
MW-13	3/4/13	3799.65	Dry	--	--	--	69.74
MW-13	5/28/13	3799.65	Dry	--	--	--	69.73
MW-13	8/27/13	3799.65	Dry	--	--	--	69.75
MW-13	11/12/13	3799.65	Dry	--	--	--	69.76
MW-13	2/24/14	3799.65	Dry	--	--	--	69.75
MW-13	5/27/14	3799.65	69.67	--	--	3729.98	69.75
MW-13	9/2/14	3799.65	69.66	--	--	3729.99	69.75
MW-13	11/18/14	3799.65	Dry	--	--	--	69.75
MW-13	3/2/15	3799.65	69.69	--	--	3729.96	69.78
MW-13	6/1/15	3799.65	69.64	--	--	3730.01	69.71
MW-13	8/11/15	3799.65	Dry	--	--	--	69.71
MW-13	11/30/15	3799.65	Dry	--	--	--	69.78

Table 1b

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
MW-13	2/8/16	3799.65	Dry	--	--	--	69.77
MW-13	5/23/16	3799.65	Dry	--	--	--	--
MW-13	8/29/16	3799.65	Dry	--	--	--	--
MW-13	11/1/16	3799.65	Dry	--	--	--	--
MW-13	3/3/17	3799.65	Dry	--	--	--	--
MW-13	5/30/17	3799.65	Dry	--	--	--	--
MW-13	8/28/17	3801.72	Dry	--	--	--	69.68
MW-13	11/28/17	3801.72	69.66	--	--	3732.06	69.67
MW-13	2/26/18	3801.72	Dry	--	--	--	69.75
MW-13	5/29/18	3801.72	Dry	--	--	--	69.78
MW-13	8/27/18	3801.72	Dry	--	--	--	69.75
MW-13	11/26/18	3801.72	Dry	--	--	--	69.75
MW-13	2/26/19	3801.72	Dry	--	--	--	--
MW-13	5/20/19	3801.72	Dry	--	--	--	--
MW-13	7/22/19	3801.72	Dry	--	--	--	--
MW-13	10/21/19	3801.72	Dry	--	--	--	69.72
MW-14	6/15/11	3796.10	66.68	--	--	3729.42	72.72
MW-14	9/6/11	3796.10	66.76	--	--	3729.34	72.70
MW-14	11/29/11	3796.10	66.95	--	--	3729.15	72.82
MW-14	3/5/12	3796.10	67.06	--	--	3729.04	72.86
MW-14	6/5/12	3796.10	67.26	--	--	3728.84	72.72
MW-14	9/10/12	3796.10	67.42	--	--	3728.68	72.66
MW-14	12/3/12	3796.10	67.66	--	--	3728.44	72.90
MW-14	3/4/13	3796.10	67.72	--	--	3728.38	72.65
MW-14	5/28/13	3796.10	67.88	--	--	3728.22	72.62
MW-14	8/27/13	3796.10	68.06	--	--	3728.04	72.61
MW-14	11/12/13	3796.10	68.21	--	--	3727.89	71.68
MW-14	2/24/14	3796.10	68.38	--	--	3727.72	72.71
MW-14	5/27/14	3796.10	68.56	--	--	3727.54	72.71
MW-14	9/2/14	3796.10	68.77	--	--	3727.33	72.71
MW-14	11/18/14	3796.10	69.00	--	--	3727.10	72.71
MW-14	3/2/15	3796.10	69.17	--	--	3726.93	72.69
MW-14	6/1/15	3796.10	69.79	--	--	3726.31	--
MW-14	8/11/15	3796.10	69.49	--	--	3726.61	--
MW-14	11/30/15	3796.10	69.71	--	--	3726.39	--
MW-14	2/8/16	3796.10	69.88	--	--	3726.22	--
MW-14	5/23/16	3796.10	70.10	--	--	3726.00	--
MW-14	5/23/16	3796.10	--	--	--	--	--
MW-14	8/29/16	3796.10	70.27	--	--	3725.83	--
MW-14	8/31/16	3796.10	--	--	--	--	--
MW-14	11/1/16	3796.10	70.43	--	--	3725.67	--
MW-14	11/4/16	3796.10	--	--	--	--	--
MW-14	3/3/17	3796.10	70.68	--	--	3725.42	72.63
MW-14	3/3/17	3796.10	--	--	--	--	--
MW-14	5/30/17	3796.10	70.90	--	--	3725.20	73.01
MW-14	6/2/17	3796.10	--	--	--	--	--
MW-14	8/28/17	3798.18	71.10	--	--	3727.08	72.89
MW-14	8/28/17	3798.18	--	--	--	--	--
MW-14	11/28/17	3798.18	71.30	--	--	3726.88	72.90
MW-14	11/30/17	3798.18	--	--	--	--	--
MW-14	2/26/18	3798.18	71.45	--	--	3726.73	73.03
MW-14	5/29/18	3798.18	71.72	--	--	3726.46	72.91

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	8/27/18	3798.18	71.82	--	--	3726.36	73.03
MW-14	11/26/18	3798.18	72.10	--	--	3726.08	73.08
MW-14	2/26/19	3798.18	72.28	--	--	3725.90	--
MW-14	2/26/19	3798.18	--	--	--	--	--
MW-14	5/20/19	3798.18	72.51	--	--	3725.67	--
MW-14	7/22/19	3798.18	72.65	--	--	3725.53	--
MW-14	10/21/19	3798.18	72.91	--	--	3725.27	73.08
MW-14	10/25/19	3798.18	--	--	--	--	--
MW-15	6/15/11	3795.96	65.50	--	--	3730.46	72.75
MW-15	9/6/11	3795.96	66.72	--	--	3729.24	72.92
MW-15	11/29/11	3795.96	66.92	--	--	3729.04	73.15
MW-15	3/5/12	3795.96	67.03	--	--	3728.93	73.15
MW-15	6/5/12	3795.96	67.21	--	--	3728.75	73.00
MW-15	9/10/12	3795.96	67.36	--	--	3728.60	73.21
MW-15	12/3/12	3795.96	67.55	--	--	3728.41	73.20
MW-15	3/4/13	3795.96	67.68	--	--	3728.28	73.02
MW-15	5/28/13	3795.96	67.85	--	--	3728.11	73.05
MW-15	8/27/13	3795.96	68.02	--	--	3727.94	73.08
MW-15	11/12/13	3795.96	68.18	--	--	3727.78	73.04
MW-15	2/24/14	3795.96	68.34	--	--	3727.62	73.00
MW-15	5/27/14	3795.96	68.52	--	--	3727.44	73.00
MW-15	9/2/14	3795.96	68.73	--	--	3727.23	73.00
MW-15	11/18/14	3795.96	68.95	--	--	3727.01	73.00
MW-15	3/2/15	3795.96	69.12	--	--	3726.84	73.09
MW-15	6/1/15	3795.96	69.25	--	--	3726.71	--
MW-15	8/11/15	3795.96	69.47	--	--	3726.49	--
MW-15	11/30/15	3795.96	69.70	--	--	3726.26	--
MW-15	2/8/16	3795.96	69.83	--	--	3726.13	73.29
MW-15	5/23/16	3795.96	70.03	--	--	3725.93	--
MW-15	5/23/16	3795.96	--	--	--	--	--
MW-15	8/29/16	3795.96	70.24	--	--	3725.72	--
MW-15	8/31/16	3795.96	--	--	--	--	--
MW-15	11/1/16	3795.96	70.39	--	--	3725.57	73.29
MW-15	11/4/16	3795.96	--	--	--	--	--
MW-15	3/3/17	3795.96	70.63	--	--	3725.33	73.07
MW-15	3/3/17	3795.96	--	--	--	--	--
MW-15	5/30/17	3795.96	70.80	--	--	3725.16	73.61
MW-15	6/2/17	3795.96	--	--	--	--	--
MW-15	8/28/17	3798.04	71.03	--	--	3727.01	73.45
MW-15	8/28/17	3798.04	--	--	--	--	--
MW-15	11/28/17	3798.04	71.27	--	--	3726.77	73.48
MW-15	11/30/17	3798.04	--	--	--	--	--
MW-15	2/26/18	3798.04	71.38	--	--	3726.66	73.68
MW-15	5/29/18	3798.04	71.65	--	--	3726.39	73.50
MW-15	8/27/18	3798.04	71.76	--	--	3726.28	73.68
MW-15	11/26/18	3798.04	72.03	--	--	3726.01	73.68
MW-15	2/26/19	3798.04	72.23	--	--	3725.81	--
MW-15	2/26/19	3798.04	--	--	--	--	--
MW-15	5/20/19	3798.04	72.50	--	--	3725.54	--
MW-15	7/22/19	3798.04	72.66	--	--	3725.38	--
MW-15	10/21/19	3798.04	72.90	--	--	3725.14	--
MW-15	10/24/19	3798.04	--	--	--	--	--

Table 1b

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-16	6/15/11	3795.93	65.81	--	--	3730.12	72.50
MW-16	9/6/11	3795.93	66.03	--	--	3729.90	72.65
MW-16	11/29/11	3795.93	66.19	--	--	3729.74	73.18
MW-16	3/5/12	3795.93	66.30	--	--	3729.63	73.20
MW-16	6/5/12	3795.93	66.46	--	--	3729.47	73.94
MW-16	9/10/12	3795.93	66.64	--	--	3729.29	74.02
MW-16	12/3/12	3795.93	66.80	--	--	3729.13	73.50
MW-16	3/4/13	3795.93	66.95	--	--	3728.98	73.89
MW-16	5/28/13	3795.93	67.11	--	--	3728.82	73.86
MW-16	8/27/13	3795.93	67.31	--	--	3728.62	73.89
MW-16	11/12/13	3795.93	67.46	--	--	3728.47	73.91
MW-16	2/24/14	3795.93	67.65	--	--	3728.28	70.90
MW-16	5/27/14	3795.93	67.83	--	--	3728.10	--
MW-16	9/2/14	3795.93	68.03	--	--	3727.90	--
MW-16	11/18/14	3795.93	68.22	--	--	3727.71	--
MW-16	3/2/15	3795.93	68.45	--	--	3727.48	73.95
MW-16	6/1/15	3795.93	68.56	--	--	3727.37	--
MW-16	8/11/15	3795.93	68.78	--	--	3727.15	--
MW-16	11/30/15	3795.93	69.03	--	--	3726.90	--
MW-16	2/8/16	3795.93	69.13	--	--	3726.80	73.94
MW-16	5/23/16	3795.93	69.37	--	--	3726.56	--
MW-16	5/23/16	3795.93	--	--	--	--	--
MW-16	8/29/16	3795.93	69.61	--	--	3726.32	--
MW-16	8/31/16	3795.93	--	--	--	--	--
MW-16	11/1/16	3795.93	69.77	--	--	3726.16	--
MW-16	11/4/16	3795.93	--	--	--	--	--
MW-16	3/3/17	3795.93	70.00	--	--	3725.93	73.39
MW-16	3/3/17	3795.93	--	--	--	--	--
MW-16	5/30/17	3795.93	70.15	--	--	3725.78	73.98
MW-16	6/2/17	3795.93	--	--	--	--	--
MW-16	8/28/17	3798.01	70.40	--	--	3727.61	73.81
MW-16	8/28/17	3798.01	--	--	--	--	--
MW-16	11/28/17	3798.01	70.61	--	--	3727.40	73.80
MW-16	11/30/17	3798.01	--	--	--	--	--
MW-16	2/26/18	3798.01	70.75	--	--	3727.26	73.94
MW-16	5/29/18	3798.01	71.01	--	--	3727.00	73.80
MW-16	8/27/18	3798.01	71.16	--	--	3726.85	73.94
MW-16	11/26/18	3798.01	71.40	--	--	3726.61	73.94
MW-16	2/26/19	3798.01	71.63	--	--	3726.38	--
MW-16	2/26/19	3798.01	--	--	--	--	--
MW-16	5/20/19	3798.01	72.10	--	--	3725.91	--
MW-16	7/22/19	3798.01	72.01	--	--	3726.00	--
MW-16	10/21/19	3798.01	72.30	--	--	3725.71	--
MW-17	3/3/17	3800.10	--	--	--	--	--
MW-17	5/2/17	3800.10	--	--	--	--	--
MW-17	5/16/17	3800.10	--	--	--	--	--
MW-17	5/30/17	3800.10	72.70	--	--	3727.40	91.80
MW-17	6/2/17	3800.10	--	--	--	--	--
MW-17	6/14/17	3800.10	--	--	--	--	--
MW-17	6/27/17	3800.10	--	--	--	--	--
MW-17	8/2/17	3800.10	--	--	--	--	--
MW-17	8/10/17	3800.10	--	--	--	--	--

Table 1b

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-17	8/28/17	3800.10	72.90	--	--	3727.20	91.28
MW-17	8/28/17	3800.10	--	--	--	--	--
MW-17	9/6/17	3800.10	--	--	--	--	--
MW-17	9/13/17	3800.10	--	--	--	--	--
MW-17	9/20/17	3800.10	--	--	--	--	--
MW-17	10/17/17	3800.10	--	--	--	--	--
MW-17	10/25/17	3800.10	--	--	--	--	--
MW-17	10/31/17	3800.10	--	--	--	--	--
MW-17	11/28/17	3800.10	73.09	--	--	3727.01	91.08
MW-17	11/30/17	3800.10	--	--	--	--	--
MW-17	12/5/17	3800.10	--	--	--	--	--
MW-17	12/12/17	3800.10	--	--	--	--	--
MW-17	12/21/17	3800.10	--	--	--	--	--
MW-17	2/26/18	3800.10	73.23	--	--	3726.87	91.25
MW-17	5/29/18	3800.10	73.55	--	--	3726.55	91.10
MW-17	8/27/18	3800.10	73.63	--	--	3726.47	91.25
MW-17	11/26/18	3800.10	73.91	--	--	3726.19	91.25
MW-17	2/26/19	3800.10	74.13	--	--	3725.97	--
MW-17	2/26/19	3800.10	--	--	--	--	--
MW-17	5/20/19	3800.10	74.38	--	--	3725.72	--
MW-17	7/22/19	3800.10	74.51	--	--	3725.59	--
MW-17	7/25/19	3800.10	--	--	--	--	--
MW-17	9/3/19	3800.10	--	--	--	--	--
MW-17	10/21/19	3800.10	74.75	--	--	3725.35	
MW-17	10/25/19	3800.10	--	--	--	--	--
MW-17	12/11/19	3800.10	--	--	--	--	--
RW-1	6/15/11	3797.66	LNAPL	66.84	3.97	--	70.81
RW-1	9/6/11	3797.66	70.08	67.30	2.78	3729.83	70.85
RW-1	11/29/11	3797.66	69.91	67.55	2.36	3729.66	70.80
RW-1	3/5/12	3797.66	69.85	67.77	2.08	3729.49	70.85
RW-1	6/5/12	3797.66	LNAPL	67.55	3.25	--	70.80
RW-1	9/10/12	3797.66	LNAPL	67.59	3.22	--	70.81
RW-1	12/4/12	3797.66	LNAPL	68.12	2.73	--	70.85
RW-1	3/4/13	3797.66	LNAPL	68.00	2.85	--	--
RW-1	5/28/13	3797.66	LNAPL	68.12	2.73	--	--
RW-1	8/27/13	3797.66	LNAPL	68.30	2.58	--	70.88
RW-1	11/12/13	3797.66	LNAPL	68.49	2.41	--	70.90
RW-1	2/24/14	3797.66	LNAPL	68.70	2.2	--	70.90
RW-1	5/27/14	3797.66	LNAPL	69.09	1.95	--	71.04
RW-1	9/2/14	3797.66	LNAPL	69.34	1.73	--	71.07
RW-1	11/18/14	3797.66	LNAPL	69.53	1.77	--	71.30
RW-1	3/2/15	3797.66	LNAPL	69.82	1.28	--	71.10
RW-1	6/2/15	3797.66	LNAPL	69.99	1.11	--	71.10
RW-1	8/11/15	3797.66	LNAPL	69.96	0.94	--	70.90
RW-1	2/8/16	3797.66	LNAPL	70.52	0.55	--	71.07
RW-1	5/23/16	3797.66	LNAPL	70.62	0.45	--	--
RW-1	8/29/16	3797.66	LNAPL	70.99	0.08	--	--
RW-1	11/1/16	3797.66	LNAPL	71.06	0.01	--	--
RW-1	3/3/17	3797.66	Dry	--	--	--	--
RW-1	5/30/17	3797.66	Dry	--	--	--	71.30
RW-1	8/28/17	3799.90	Dry	--	--	--	71.00
RW-1	11/29/17	3799.90	Dry	--	--	--	71.10

Table 1b

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
RW-1	2/26/18	3799.90	Dry	--	--	--	71.04
RW-1	5/29/18	3799.90	Dry	--	--	--	71.01
RW-1	8/27/18	3799.90	Dry	--	--	--	71.04
RW-1	11/26/18	3799.90	Dry	--	--	--	71.05
RW-1	2/26/19	3799.90	Dry	--	--	--	--
RW-1	5/20/19	3799.90	Dry	--	--	--	--
RW-1	7/22/19	3799.90	Dry	--	--	--	--
RW-1	10/21/19	3799.90	Dry			Dry	71.05
RW-2	6/15/11	3797.60	67.95	67.51	0.44	3730.01	71.95
RW-2	9/6/11	3797.60	68.62	67.57	1.05	3729.83	72.05
RW-2	11/29/11	3797.60	70.68	67.35	3.33	3729.62	71.98
RW-2	3/5/12	3797.60	70.72	67.53	3.19	3729.46	71.99
RW-2	6/5/12	3797.60	70.28	67.92	2.36	3729.23	--
RW-2	9/10/12	3797.60	70.41	68.21	2.20	3728.97	72.10
RW-2	12/4/12	3797.60	70.01	68.25	1.76	3729.02	--
RW-2	3/4/13	3797.60	70.69	69.69	1.00	3727.72	--
RW-2	6/4/13	3797.60	70.71	69.85	0.86	3727.59	--
RW-2	8/27/13	3797.60	71.02	70.04	0.98	3727.37	--
RW-2	11/12/13	3797.60	70.66	69.78	0.88	3727.65	--
RW-2	2/24/14	3797.60	70.89	70.59	0.30	3726.95	--
RW-2	5/27/14	3797.60	LNAPL	68.92	3.17	--	72.09
RW-2	7/8/14	3797.60	LNAPL	69.00	3.20	--	72.20
RW-2	7/24/14	3797.60	69.92	69.65	0.27	3727.90	72.20
RW-2	9/2/14	3797.60	71.16	69.58	1.58	3727.72	72.10
RW-2	11/18/14	3797.60	Dry	--	--	--	--
RW-2	3/2/15	3797.60	70.53	70.18	0.35	3727.35	--
RW-2	6/2/15	3797.60	70.54	70.34	0.20	3727.22	--
RW-2	8/11/15	3797.60	70.68	70.52	0.16	3727.05	--
RW-2	11/30/15	3797.60	70.91	70.82	0.09	3726.76	--
RW-2	2/8/16	3797.60	71.01	70.90	0.11	3726.68	--
RW-2	5/23/16	3797.60	71.34	71.10	0.24	3726.45	--
RW-2	5/31/16	3797.60	--	--	--	--	--
RW-2	6/14/16	3797.60	--	--	--	--	--
RW-2	6/28/16	3797.60	--	--	--	--	--
RW-2	7/12/16	3797.60	--	--	--	--	--
RW-2	8/2/16	3797.60	--	--	--	--	--
RW-2	8/29/16	3797.60	71.70	71.42	0.28	3726.13	--
RW-2	9/7/16	3797.60	--	--	--	--	--
RW-2	9/20/16	3797.60	--	--	--	--	--
RW-2	11/1/16	3797.60	71.69	71.32	0.37	3726.21	71.69
RW-2	11/9/16	3797.60	--	--	--	--	--
RW-2	11/29/16	3797.60	--	--	--	--	--
RW-2	1/5/17	3797.60	--	--	--	--	--
RW-2	1/18/17	3797.60	--	--	--	--	--
RW-2	2/14/17	3797.60	--	--	--	--	--
RW-2	3/3/17	3797.60	LNAPL	71.51	0.24	NA	71.75
RW-2	4/3/17	3797.60	--	--	--	--	--
RW-2	5/2/17	3797.60	--	--	--	--	--
RW-2	5/10/17	3797.60	--	--	--	--	--
RW-2	5/30/17	3797.60	71.75	71.61	0.14	3725.96	
RW-2	8/28/17	3799.67	Dry	--	--	--	71.80
RW-2	11/28/17	3799.67	Dry	--	--	--	71.78

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RW-2	2/26/18	3799.67	Dry	--	--	--	71.77
RW-2	5/29/18	3799.67	Dry	--	--	--	71.75
RW-2	8/27/18	3799.67	Dry	--	--	--	71.92
RW-2	11/26/18	3799.67	Dry	--	--	--	71.89
RW-2	2/26/19	3799.67	Dry	--	--	--	--
RW-2	5/20/19	3799.67	Dry	--	--	--	--
RW-2	7/22/19	3799.67	Dry	--	--	--	--
RW-2	10/21/19	3799.67	Dry	--	--	--	71.85
RW-3	6/15/11	3798.81	68.07	67.76	0.31	3730.99	68.25
RW-3	9/6/11	3798.81	68.20	68.12	0.08	3730.67	68.29
RW-3	11/29/11	3798.81	Dry	--	--	--	--
RW-3	3/5/12	3798.81	68.24	--	0.00	3730.57	68.29
RW-3	6/5/12	3798.81	Dry	--	--	--	68.08
RW-3	7/10/12	3798.81	Dry	--	--	--	68.00
RW-3	12/4/12	3798.81	Dry	--	--	--	--
RW-3	3/4/13	3798.81	Dry	--	--	--	68.27
RW-3	5/28/13	3798.81	Dry	--	--	--	68.25
RW-3	8/27/13	3798.81	Dry	--	--	--	68.30
RW-3	11/12/13	3798.81	Dry	--	--	--	68.31
RW-3	2/24/14	3798.81	Dry	--	--	--	68.32
RW-3	5/27/14	3798.81	68.10	--	0.00	3730.71	68.29
RW-3	9/2/14	3798.81	68.10	--	0.00	3730.71	68.29
RW-3	10/15/14	P&A	--	--	--	--	--
RW-3R	11/18/14	3798.02	74.20	69.75	4.45	3727.42	85.43
RW-3R	3/2/15	3798.02	74.63	69.98	4.65	3727.16	--
RW-3R	6/2/15	3798.02	72.55	70.61	1.94	3727.04	--
RW-3R	8/11/15	3798.02	72.42	70.81	1.61	3726.90	--
RW-3R	11/30/15	3798.02	74.20	70.77	3.43	3726.60	--
RW-3R	2/8/16	3798.02	74.30	70.90	3.40	3726.47	--
RW-3R	5/23/16	3798.02	73.62	71.30	2.32	3726.28	--
RW-3R	8/29/16	3798.02	72.52	71.89	0.63	3726.01	--
RW-3R	11/1/16	3798.02	75.73	71.30	4.43	3725.88	--
RW-3R	3/3/17	3798.02	75.30	71.71	3.59	3725.63	--
RW-3R	5/3/17	3798.02	--	--	--	--	--
RW-3R	5/30/17	3798.02	73.21	72.43	0.78	3725.44	--
RW-3R	6/5/17	3798.02	--	--	--	--	--
RW-3R	8/28/17	3800.09	73.15	72.67	0.48	3727.33	--
RW-3R	11/29/17	3800.09	74.46	72.62	1.84	3727.12	--
RW-3R	2/26/18	3800.09	75.13	72.66	2.47	3726.96	83.94
RW-3R	5/29/18	3800.09	74.45	73.10	1.35	3726.73	83.71
RW-3R	8/27/18	3800.09	75.08	73.19	1.89	3726.54	83.94
RW-3R	11/26/18	3800.09	76.63	73.19	3.44	3726.25	83.94
RW-3R	2/20/19	3800.09	--	--	--	--	--
RW-3R	2/26/19	3800.09	74.65	73.88	0.77	3726.06	--
RW-3R	5/20/19	3800.09	74.73	74.10	0.63	3725.87	--
RW-3R	7/22/19	3800.09	74.83	74.25	0.58	3725.73	--
RW-3R	9/3/19	3800.09	--	--	--	--	--
RW-3R	10/21/19	3800.09	77.90	74.00	3.90	3725.35	--
RW-3R	12/11/19	3800.09	--	--	--	--	--
RW-3R	12/18/19	3800.09	--	--	--	--	--
RW-3R	12/23/19	3800.09	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	6/15/11	3798.34	LNAPL	67.31	0.08	NA	67.39
RW-4	9/6/11	3798.34	Dry	--	--	--	67.43
RW-4	11/29/11	3798.34	Dry	--	--	--	--
RW-4	3/5/12	3798.34	Dry	--	--	--	67.43
RW-4	6/5/12	3798.34	Dry	--	--	--	--
RW-4	9/10/12	3798.34	Dry	--	--	--	--
RW-4	12/4/12	3798.34	Dry	--	--	--	--
RW-4	3/4/13	3798.34	Dry	--	--	--	67.43
RW-4	5/28/13	3798.34	Dry	--	--	--	67.40
RW-4	8/27/13	3798.34	Dry	--	--	--	67.43
RW-4	11/12/13	3798.34	Dry	--	--	--	67.45
RW-4	2/24/14	3798.34	Dry	--	--	--	67.44
RW-4	5/27/14	3798.34	Dry	--	--	--	--
RW-4	9/2/14	3798.34	Dry	--	--	--	--
RW-4	10/9/15	P&A	--	--	--	--	--
RW-4R	11/18/14	3797.61	70.03	70.01	0.02	3727.60	85.42
RW-4R	3/2/15	3797.61	70.80	70.12	0.68	3727.36	--
RW-4R	6/2/15	3797.61	71.89	70.08	1.81	3727.19	--
RW-4R	8/11/15	3797.61	71.62	70.30	1.32	3727.06	--
RW-4R	11/30/15	3797.61	72.43	70.45	1.98	3726.78	--
RW-4R	2/8/16	3797.61	71.47	70.82	0.65	3726.67	--
RW-4R	5/23/16	3797.61	71.32	71.17	0.15	3726.41	--
RW-4R	8/29/16	3797.61	71.59	71.40	0.19	3726.17	--
RW-4R	9/7/16	3797.61	--	--	--	--	--
RW-4R	11/1/16	3797.61	72.14	71.40	0.74	3726.07	--
RW-4R	11/9/16	3797.61	--	--	--	--	--
RW-4R	11/23/16	3797.61	--	--	--	--	--
RW-4R	11/29/16	3797.61	--	--	--	--	--
RW-4R	1/5/17	3797.61	--	--	--	--	--
RW-4R	2/14/17	3797.61	--	--	--	--	--
RW-4R	3/3/17	3797.61	72.24	71.68	0.56	3725.82	--
RW-4R	4/3/17	3797.61	--	--	--	--	--
RW-4R	5/10/17	3797.61	--	--	--	--	--
RW-4R	5/16/17	3797.61	--	--	--	--	--
RW-4R	5/30/17	3797.61	72.22	71.88	0.34	3725.67	--
RW-4R	6/5/17	3797.61	--	--	--	--	--
RW-4R	6/14/17	3797.61	--	--	--	--	--
RW-4R	6/27/17	3797.61	--	--	--	--	--
RW-4R	7/6/17	3799.68	--	--	--	--	--
RW-4R	7/13/17	3799.68	--	--	--	--	--
RW-4R	8/2/17	3799.68	--	--	--	--	--
RW-4R	8/10/17	3799.68	--	--	--	--	--
RW-4R	8/28/17	3799.68	72.53	72.16	0.37	3727.45	85.00
RW-4R	9/6/17	3799.68	--	--	--	--	--
RW-4R	9/13/17	3799.68	--	--	--	--	--
RW-4R	9/20/17	3799.68	--	--	--	--	--
RW-4R	10/12/17	3799.68	--	--	--	--	--
RW-4R	10/17/17	3799.68	--	--	--	--	--
RW-4R	10/25/17	3799.68	--	--	--	--	--
RW-4R	10/31/17	3799.68	--	--	--	--	--
RW-4R	11/22/17	3799.68	--	--	--	--	--
RW-4R	11/28/17	3799.68	72.49	72.39	0.10	3727.27	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-4R	11/30/17	3799.68	--	--	--	--	--
RW-4R	12/5/17	3799.68	--	--	--	--	--
RW-4R	12/12/17	3799.68	--	--	--	--	--
RW-4R	12/21/17	3799.68	--	--	--	--	--
RW-4R	2/26/18	3799.68	72.93	72.48	0.45	3727.11	84.64
RW-4R	5/29/18	3799.68	73.11	72.73	0.38	3726.88	--
RW-4R	8/27/18	3799.68	73.80	72.77	1.03	3726.71	84.69
RW-4R	11/14/18	3799.68	73.90	73.08	0.82	3726.44	--
RW-4R	11/26/18	3799.68	73.40	73.17	0.23	3726.47	84.69
RW-4R	12/5/18	3799.68	73.55	73.18	0.37	3726.43	--
RW-4R	2/26/19	3799.68	74.08	73.27	0.81	3726.26	--
RW-4R	3/27/19	3799.68	--	--	--	--	--
RW-4R	4/17/19	3799.68	74.08	73.41	0.67	3726.14	--
RW-4R	4/30/19	3799.68	73.81	73.48	0.33	3726.14	--
RW-4R	5/15/19	3799.68	74.14	73.51	0.63	3726.05	--
RW-4R	5/15/19	3799.68	--	--	--	--	--
RW-4R	5/20/19	3799.68	73.68	73.60	0.08	3726.06	--
RW-4R	6/12/19	3799.68	74.29	73.57	0.72	3725.97	--
RW-4R	6/25/19	3799.68	--	--	--	--	--
RW-4R	7/17/19	3799.68	74.26	73.65	0.61	3725.91	--
RW-4R	7/22/19	3799.68	73.82	73.75	0.07	3725.92	--
RW-4R	7/30/19	3799.68	73.97	73.71	0.26	3725.92	--
RW-4R	8/20/19	3799.68	74.36	73.73	0.63	3725.83	--
RW-4R	9/3/19	3799.68	--	--	--	--	--
RW-4R	9/10/19	3799.68	74.15	73.86	0.29	3725.76	--
RW-4R	10/16/19	3799.68	74.34	73.92	0.42	3725.68	--
RW-4R	10/21/19	3799.68	74.05	74.00	0.05	3725.67	--
RW-4R	11/19/19	3799.68	74.34	74.02	0.32	3725.60	--
RW-4R	12/4/19	3799.68	74.20	74.11	0.09	3725.55	--
RW-4R	12/18/19	3799.68	--	--	--	--	--
RW-5	6/15/11	3797.60	67.48	--	--	3730.12	70.35
RW-5	9/6/11	3797.60	67.66	--	--	3729.94	70.39
RW-5	11/29/11	3797.60	67.84	--	--	3729.76	70.38
RW-5	3/5/12	3797.60	67.97	--	--	3729.63	70.39
RW-5	6/5/12	3797.60	68.27	--	--	3729.33	70.15
RW-5	9/10/12	3797.60	68.32	--	--	3729.28	70.32
RW-5	12/4/12	3797.60	68.50	--	--	3729.10	70.48
RW-5	3/4/13	3797.60	68.68	--	--	3728.92	70.36
RW-5	5/28/13	3797.60	68.83	68.80	0.03	3728.79	--
RW-5	8/27/13	3797.60	69.00	--	--	3728.60	70.40
RW-5	11/12/13	3797.60	69.16	--	--	3728.44	70.45
RW-5	2/24/14	3797.60	69.34	--	--	3728.26	70.44
RW-5	5/27/14	3797.60	69.54	--	--	3728.06	--
RW-5	9/2/14	3797.60	69.74	--	--	3727.86	--
RW-5	11/18/14	3797.60	69.90	--	--	3727.70	--
RW-5	3/2/15	3797.60	70.23	--	--	3727.37	70.47
RW-5	6/1/15	3797.60	70.21	--	--	3727.39	--
RW-5	8/11/15	3797.60	70.32	--	--	3727.28	--
RW-5	11/30/15	3797.60	Dry	--	--	--	--
RW-5	2/8/16	3797.60	Dry	--	--	--	70.49
RW-5	5/23/16	3797.60	Dry	--	--	--	--
RW-5	8/29/16	3797.60	Dry	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
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NMOCD Incident No: nAPP2108856592

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	11/1/16	3797.60	Dry	--	--	--	--
RW-5	2/23/17	P&A	--	--	--	--	--
RW-5R	3/3/17	3799.26	--	--	--	--	--
RW-5R	3/3/17	3799.26	--	--	--	--	--
RW-5R	5/16/17	3799.26	--	--	--	--	--
RW-5R	5/30/17	3799.26	71.49		--	3727.77	87.50
RW-5R	6/2/17	3799.26	--	--	--	--	--
RW-5R	6/14/17	3799.26	--	--	--	--	--
RW-5R	6/27/17	3799.26	--	--	--	--	--
RW-5R	7/6/17	3799.26	--	--	--	--	--
RW-5R	7/13/17	3799.26	--	--	--	--	--
RW-5R	8/2/17	3799.26	--	--	--	--	--
RW-5R	8/10/17	3799.26	--	--	--	--	--
RW-5R	8/28/17	3799.26	71.71		--	3727.55	87.05
RW-5R	8/28/17	3799.26	--	--	--	--	--
RW-5R	9/6/17	3799.26	--	--	--	--	--
RW-5R	9/13/17	3799.26	--	--	--	--	--
RW-5R	9/20/17	3799.26	--	--	--	--	--
RW-5R	10/12/17	3799.26	--	--	--	--	--
RW-5R	10/17/17	3799.26	--	--	--	--	--
RW-5R	10/25/17	3799.26	--	--	--	--	--
RW-5R	10/31/17	3799.26	--	--	--	--	--
RW-5R	11/28/17	3799.26	71.94		--	3727.32	87.07
RW-5R	11/30/17	3799.26	--	--	--	--	--
RW-5R	12/5/17	3799.26	--	--	--	--	--
RW-5R	12/12/17	3799.26	--	--	--	--	--
RW-5R	12/21/17	3799.26	--	--	--	--	--
RW-5R	2/26/18	3799.26	72.06	--	--	3727.20	87.23
RW-5R	5/29/18	3799.26	72.33	--	--	3726.93	87.14
RW-5R	8/27/18	3799.26	72.49	--	--	3726.77	87.23
RW-5R	11/26/18	3799.26	72.75	--	--	3726.51	87.23
RW-5R	2/26/19	3799.26	72.99	--	--	3726.27	--
RW-5R	2/26/19	3799.26	--	--	--	--	--
RW-5R	4/30/19	3799.26	71.08	--	--	3728.18	--
RW-5R	5/20/19	3799.26	73.15	--	--	3726.11	--
RW-5R	6/11/19	3799.26	--	--	--	--	--
RW-5R	7/22/19	3799.26	73.31	--	--	3725.95	--
RW-5R	7/25/19	3799.26	--	--	--	--	--
RW-5R	9/3/19	3799.26	--	--	--	--	--
RW-5R	10/21/19	3799.26	73.55	--	--	3725.71	--
RW-5R	10/25/19	3799.26	--	--	--	--	--
RW-6	6/15/11	3797.28	67.84	66.94	0.90	3730.17	68.35
RW-6	9/6/11	3797.28	67.84	67.45	0.39	3729.76	68.35
RW-6	11/29/11	3797.28	67.65	--	0.00	3729.63	68.40
RW-6	3/5/12	3797.28	67.71	67.64	0.07	3729.63	68.41
RW-6	6/5/12	3797.28	68.12	--	0.00	3729.16	68.30
RW-6	9/10/12	3797.28	68.31	--	0.00	3728.97	68.34
RW-6	12/4/12	3797.28	Dry	--	--	--	68.31
RW-6	3/4/13	3797.28	68.31	--	--	3728.97	68.31
RW-6	5/28/13	3797.28	Dry	--	--	--	68.35
RW-6	8/27/13	3797.28	Dry	--	--	--	68.35
RW-6	11/12/13	3797.28	Dry	--	--	--	68.37

Table 1b

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Monitoring Well ID	Measurement Date	Top-of-Casing Elevation (Feet, NAVD88)	Depth to Groundwater (Feet BTOC)	Depth to LNAPL (Feet, BTOC)	Thickness of LNAPL (Feet)	Corrected Groundwater Elevation (Feet, NAVD88)	Total Depth of Well (feet BTOC)
RW-6	2/24/14	3797.28	68.33	--	0.00	3728.95	68.38
RW-6	5/27/14	3797.28	Dry	--	--	--	--
RW-6	9/2/14	3797.28	68.34	--	0.00	3728.94	--
RW-6	11/18/14	3797.28	Dry	--	--	Dry	--
RW-6	3/2/15	3797.28	68.34	--	0.00	3728.94	68.40
RW-6	6/1/15	3797.28	Dry	--	--	--	68.33
RW-6	8/11/15	3797.28	Dry	--	--	--	--
RW-6	11/30/15	3797.28	Dry	--	--	--	--
RW-6	2/8/16	3797.28	Dry	--	--	--	68.39
RW-6	5/23/16	3797.28	Dry	--	--	--	--
RW-6	8/29/16	3797.28	Dry	--	--	--	--
RW-6	11/1/16	3797.28	Dry	--	--	--	--
RW-6	2/23/17	P&A	Dry	--	--	--	--
RW-7	6/15/11	3797.43	68.92	67.13	1.79	3729.96	73.28
RW-7	9/6/11	3797.43	68.30	67.49	0.81	3729.79	73.30
RW-7	11/29/11	3797.43	67.87	67.86	0.01	3729.57	73.32
RW-7	3/5/12	3797.43	68.04	67.87	0.17	3729.53	73.44
RW-7	6/5/12	3797.43	68.17	68.12	0.05	3729.30	--
RW-7	9/10/12	3797.43	68.72	68.19	0.53	3729.14	73.31
RW-7	12/4/12	3797.43	68.75	68.40	0.35	3728.96	--
RW-7	3/4/13	3797.43	69.29	68.50	0.79	3728.78	--
RW-7	5/28/13	3797.43	69.42	68.67	0.75	3728.62	--
RW-7	8/27/13	3797.43	69.71	68.83	0.88	3728.43	--
RW-7	11/12/13	3797.43	69.95	68.95	1.00	3728.29	--
RW-7	2/24/14	3797.43	70.58	70.44	0.14	3726.96	--
RW-7	5/27/14	3797.43	69.49	69.44	0.05	3727.98	73.31
RW-7	9/2/14	3797.43	69.70	69.66	0.04	3727.76	--
RW-7	11/18/14	3797.43	69.90	69.83	0.07	3727.59	--
RW-7	3/2/15	3797.43	70.14	70.08	0.06	3727.34	--
RW-7	6/2/15	3797.43	70.32	70.22	0.10	3727.19	--
RW-7	8/11/15	3797.43	70.42	70.40	0.02	3727.03	--
RW-7	11/30/15	3797.43	70.74	70.66	0.08	3726.75	--
RW-7	2/8/16	3797.43	70.84	70.81	0.03	3726.61	--
RW-7	5/23/16	3797.43	71.34	71.10	0.24	3726.28	--
RW-7	5/31/16	3797.43	--	--	--	--	--
RW-7	8/2/16	3797.43	--	--	--	--	--
RW-7	8/29/16	3797.43	71.37	71.29	0.08	3726.12	--
RW-7	9/7/16	3797.43	--	--	--	--	--
RW-7	9/20/16	3797.43	--	--	--	--	--
RW-7	10/4/16	3797.43	--	--	--	--	--
RW-7	10/11/16	3797.43	--	--	--	--	--
RW-7	11/1/16	3797.43	71.43	71.40	0.03	3726.02	--
RW-7	1/11/17	3797.43	--	--	--	--	--
RW-7	1/25/17	3797.43	--	--	--	--	--
RW-7	2/7/17	3797.43	--	--	--	--	--
RW-7	3/3/17	3797.43	71.64	--	--	3725.79	73.47
RW-7	5/2/17	3797.43	--	--	--	--	--
RW-7	5/16/17	3797.43	--	--	--	--	--
RW-7	5/30/17	3797.43	71.82	71.81	0.01	3725.62	--
RW-7	6/14/17	3797.43	--	--	--	--	--
RW-7	6/27/17	3797.43	--	--	--	--	--
RW-7	7/13/17	3799.47	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	8/10/17	3799.47	--	--	--	--	--
RW-7	8/28/17	3799.47	72.03		--	3727.44	73.57
RW-7	9/6/17	3799.47	--	--	--	--	--
RW-7	9/13/17	3799.47	--	--	--	--	--
RW-7	9/20/17	3799.47	--	--	--	--	--
RW-7	10/12/17	3799.47	--	--	--	--	--
RW-7	10/17/17	3799.47	--	--	--	--	--
RW-7	10/25/17	3799.47	--	--	--	--	--
RW-7	11/28/17	3799.47	72.28		--	3727.19	73.62
RW-7	11/30/17	3799.47	--	--	--	--	--
RW-7	2/26/18	3799.47	72.43	--	--	3727.04	73.73
RW-7	5/29/18	3799.47	72.69	--	--	3726.78	73.65
RW-7	8/27/18	3799.47	72.84	--	--	3726.63	73.64
RW-7	11/26/18	3799.47	73.09	--	--	3726.38	73.74
RW-7	2/26/19	3799.47	73.26	--	--	3726.21	--
RW-7	4/30/19	3799.47	73.43	--	--	3726.04	--
RW-7	5/20/19	3799.47	Dry	--	--	--	--
RW-7	7/22/19	3799.47	Dry	--	--	--	--
RW-7	10/21/19	3799.47	Dry	--	--	--	73.73
RW-8	6/15/11	3798.33	71.39	67.71	3.68	3729.92	72.80
RW-8	9/6/11	3798.33	70.54	68.10	2.44	3729.77	72.94
RW-8	11/29/11	3798.33	68.72	--	--	3729.61	73.00
RW-8	3/5/12	3798.33	68.85	68.83	0.02	3729.50	--
RW-8	6/5/12	3798.33	69.09	--	--	3729.24	72.95
RW-8	9/10/12	3798.33	69.20	--	--	3729.13	73.00
RW-8	12/4/12	3798.33	69.53	69.50	0.03	3728.82	73.30
RW-8	3/4/13	3798.33	69.73	69.48	0.25	3728.80	--
RW-8	5/28/13	3798.33	70.15	69.57	0.58	3728.65	--
RW-8	8/27/13	3798.33	71.13	69.60	1.53	3728.44	--
RW-8	11/12/13	3798.33	70.61	69.89	0.72	3728.30	--
RW-8	2/24/14	3798.33	72.20	71.74	0.46	3726.50	--
RW-8	5/27/14	3798.33	72.43	69.90	2.53	3727.95	73.30
RW-8	7/8/14	3798.33	72.52	69.75	2.77	3728.05	--
RW-8	8/5/14	3798.33	70.67	70.46	0.21	3727.83	--
RW-8	9/2/14	3798.33	71.34	70.43	0.91	3727.73	--
RW-8	11/18/14	3798.33	Dry	--	--	--	--
RW-8	3/2/15	3798.33	72.26	70.70	1.56	3727.33	--
RW-8	6/2/15	3798.33	72.49	70.69	1.80	3727.30	--
RW-8	8/11/15	3798.33	72.58	70.89	1.69	3727.12	--
RW-8	11/30/15	3798.33	72.60	71.12	1.48	3726.93	--
RW-8	2/8/16	3798.33	72.03	71.55	0.48	3726.69	--
RW-8	5/23/16	3798.33	72.20	71.75	0.45	3726.49	--
RW-8	5/31/16	3798.33	--	--	--	--	--
RW-8	7/12/16	3798.33	--	--	--	--	--
RW-8	8/2/16	3798.33	--	--	--	--	--
RW-8	8/29/16	3798.33	72.44	72.11	0.33	3726.16	--
RW-8	11/1/16	3798.33	72.51	72.19	0.32	3726.08	--
RW-8	2/14/17	3798.33	--	--	--	--	--
RW-8	3/3/17	3798.33	72.76	72.55	0.21	3725.74	--
RW-8	5/10/17	3798.33	--	--	--	--	--
RW-8	5/30/17	3798.33	72.85	72.75	0.10	3725.56	--
RW-8	7/6/17	3800.41	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	7/13/17	3800.41	--	--	--	--	--
RW-8	8/28/17	3800.41	Dry	--	--	--	72.90
RW-8	11/28/17	3800.41	Dry	--	--	--	72.88
RW-8	2/26/18	3800.41	Dry	--	--	--	73.02
RW-8	5/29/18	3800.41	Dry	--	--	--	73.01
RW-8	8/27/18	3800.41	Dry	--	--	--	73.02
RW-8	11/26/18	3800.41	Dry	--	--	--	73.02
RW-8	2/26/19	3800.41	Dry	--	--	--	--
RW-8	5/20/19	3800.41	Dry	--	--	--	--
RW-8	7/22/19	3800.41	Dry	--	--	--	--
RW-8	10/21/19	3800.41	Dry	--	--	--	73.00
RW-9	6/15/11	3797.99	71.69	67.11	4.58	3730.01	74.10
RW-9	9/6/11	3797.99	71.04	67.45	3.59	3729.86	74.14
RW-9	11/29/11	3797.99	68.86	68.43	0.43	3729.48	74.35
RW-9	3/5/12	3797.99	69.08	68.23	0.85	3729.60	74.38
RW-9	6/5/12	3797.99	69.15	68.90	0.25	3729.04	--
RW-9	9/10/12	3797.99	69.15	68.63	0.52	3729.26	74.23
RW-9	12/4/12	3797.99	69.77	68.72	1.05	3729.07	--
RW-9	3/4/13	3797.99	71.15	68.65	2.50	3728.87	--
RW-9	5/28/13	3797.99	71.00	68.88	2.12	3728.71	--
RW-9	8/27/13	3797.99	71.22	69.05	2.17	3728.53	--
RW-9	11/12/13	3797.99	70.93	69.27	1.66	3728.40	--
RW-9	2/24/14	3797.99	70.41	69.62	0.79	3728.22	--
RW-9	5/27/14	3797.99	71.55	69.56	1.99	3728.05	74.23
RW-9	7/24/14	3797.99	72.11	69.65	2.46	3727.87	--
RW-9	8/5/14	3797.99	70.45	69.98	0.47	3727.92	--
RW-9	9/2/14	3797.99	70.77	69.92	0.85	3727.91	--
RW-9	11/18/14	3797.99	71.49	70.10	1.39	3727.63	--
RW-9	3/2/15	3797.99	70.88	70.49	0.39	3727.43	--
RW-9	6/2/15	3797.99	71.40	70.57	0.83	3727.26	--
RW-9	8/11/15	3797.99	71.13	70.82	0.31	3727.11	--
RW-9	11/30/15	3797.99	71.39	71.05	0.34	3726.88	--
RW-9	2/8/16	3797.99	71.51	71.21	0.30	3726.72	--
RW-9	5/23/16	3797.99	71.79	71.40	0.39	3726.52	--
RW-9	5/31/16	3797.99	--	--	--	--	--
RW-9	7/12/16	3797.99	--	--	--	--	--
RW-9	8/2/16	3797.99	--	--	--	--	--
RW-9	8/29/16	3797.99	72.14	71.68	0.46	3726.22	--
RW-9	9/7/16	3797.99	--	--	--	--	--
RW-9	9/20/16	3797.99	--	--	--	--	--
RW-9	10/4/16	3797.99	--	--	--	--	--
RW-9	10/11/16	3797.99	--	--	--	--	--
RW-9	11/1/16	3797.99	72.27	71.77	0.50	3726.13	--
RW-9	11/9/16	3797.99	--	--	--	--	--
RW-9	11/23/16	3797.99	--	--	--	--	--
RW-9	11/29/16	3797.99	--	--	--	--	--
RW-9	1/5/17	3797.99	--	--	--	--	--
RW-9	1/18/17	3797.99	--	--	--	--	--
RW-9	2/14/17	3797.99	--	--	--	--	--
RW-9	3/3/17	3797.99	72.34	72.08	0.26	3725.86	--
RW-9	5/2/17	3797.99	--	--	--	--	--
RW-9	5/10/17	3797.99	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-9	5/16/17	3797.99	--	--	--	--	--
RW-9	5/30/17	3797.99	72.29	72.22	0.07	3725.76	--
RW-9	6/14/17	3797.99	--	--	--	--	--
RW-9	6/27/17	3797.99	--	--	--	--	--
RW-9	7/6/17	3800.02	--	--	--	--	--
RW-9	7/13/17	3800.02	--	--	--	--	--
RW-9	8/2/17	3800.02	--	--	--	--	--
RW-9	8/10/17	3800.02	--	--	--	--	--
RW-9	8/28/17	3800.02	72.50	72.47	0.03	3727.54	--
RW-9	9/6/17	3800.02	--	--	--	--	--
RW-9	9/13/17	3800.02	--	--	--	--	--
RW-9	9/20/17	3800.02	--	--	--	--	--
RW-9	10/12/17	3800.02	--	--	--	--	--
RW-9	10/17/17	3800.02	--	--	--	--	--
RW-9	10/25/17	3800.02	--	--	--	--	--
RW-9	10/25/17	3800.02	--	--	--	--	--
RW-9	10/31/17	3800.02	--	--	--	--	--
RW-9	11/28/17	3800.02	72.69		0.00	3727.33	74.38
RW-9	11/30/17	3800.02	--	--	--	--	--
RW-9	12/5/17	3800.02	--	--	--	--	--
RW-9	12/12/17	3800.02	--	--	--	--	--
RW-9	12/21/17	3800.02	--	--	--	--	--
RW-9	2/26/18	3800.02	72.91	72.88	0.03	3727.13	74.51
RW-9	5/29/18	3800.02	73.19	73.17	0.02	3726.85	
RW-9	8/27/18	3800.02	73.48	73.25	0.23	3726.73	74.51
RW-9	11/26/18	3800.02	73.79	73.46	0.33	3726.50	74.51
RW-9	2/26/19	3800.02	73.97	73.63	0.34	3726.33	--
RW-9	4/30/19	3800.02	73.89	73.72	0.17	3726.27	--
RW-9	4/30/19	3800.02	--	--	--	--	--
RW-9	5/20/19	3800.02	74.10	73.85	0.25	3726.12	--
RW-9	6/25/19	3800.02	--	--	--	--	--
RW-9	7/22/19	3800.02	74.25	74.11	0.14	3725.88	--
RW-9	7/30/19	3800.02	74.29	74.10	0.19	3725.88	--
RW-9	9/3/19	3800.02	--	--	--	--	--
RW-9	10/21/19	3800.02	LNAPL	74.45	0.05	--	74.50
RW-10	6/15/11	3799.10	72.62	68.40	4.22	3729.90	73.49
RW-10	9/6/11	3799.10	71.46	68.90	2.56	3729.71	72.60
RW-10	11/29/11	3799.10	71.59	69.03	2.56	3729.58	73.50
RW-10	3/5/12	3799.10	70.72	69.48	1.24	3729.38	73.51
RW-10	6/5/12	3799.10	70.82	69.80	1.02	3729.11	--
RW-10	9/10/12	3799.10	71.95	69.66	2.29	3729.00	73.56
RW-10	12/4/12	3799.10	71.94	69.76	2.18	3728.93	--
RW-10	3/4/13	3799.10	73.17	69.44	3.73	3728.95	--
RW-10	5/28/13	3799.10	73.19	69.59	3.60	3728.83	--
RW-10	8/27/13	3799.10	73.10	69.78	3.32	3728.69	--
RW-10	11/12/13	3799.10	73.04	70.08	2.96	3728.46	--
RW-10	2/24/14	3799.10	73.07	70.46	2.61	3728.14	--
RW-10	5/27/14	3799.10	LNAPL	70.60	2.68	--	73.28
RW-10	7/8/14	3799.10	LNAPL	70.65	2.65	--	73.30
RW-10	8/5/14	3799.10	72.01	71.69	0.32	3727.35	73.28
RW-10	9/2/14	3799.10	LNAPL	70.72	2.32	--	73.04
RW-10	11/18/14	3799.10	Dry	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	3/2/15	3799.10	72.97	71.55	1.42	3727.28	--
RW-10	6/2/15	3799.10	72.94	71.66	1.28	3727.20	--
RW-10	8/11/15	3799.10	72.45	72.06	0.39	3726.97	--
RW-10	11/30/15	3799.10	72.59	72.36	0.23	3726.70	--
RW-10	2/8/16	3799.10	72.81	72.45	0.36	3726.58	--
RW-10	5/23/16	3799.10	72.80	72.20	0.60	3726.79	--
RW-10	8/29/16	3799.10	73.16	72.88	0.28	3726.17	--
RW-10	11/1/16	3799.10	73.18	72.91	0.27	3726.14	--
RW-10	11/9/16	3799.10	--	--	--	--	--
RW-10	11/23/16	3799.10	--	--	--	--	--
RW-10	11/29/16	3799.10	--	--	--	--	--
RW-10	1/5/17	3799.10	--	--	--	--	--
RW-10	1/18/17	3799.10	--	--	--	--	--
RW-10	3/3/17	3799.10	Dry	--	--	--	73.04
RW-10	5/30/17	3799.10	Dry	--	--	--	70.20
RW-10	8/28/17	3801.18	Dry	--	--	--	69.90
RW-10	11/28/17	3801.18	Dry	--	--	--	69.89
RW-10	2/26/18	3801.18	Dry	--	--	--	69.98
RW-10	5/29/18	3801.18	Dry	--	--	--	--
RW-10	8/27/18	3801.18	Dry	--	--	--	--
RW-10	11/26/18	3801.18	Dry	--	--	--	--
RW-10	2/26/19	3801.18	Dry	--	--	--	--
RW-10	5/20/19	3801.18	Dry	--	--	--	--
RW-10	7/22/19	3801.18	Dry	--	--	--	--
RW-10	10/21/19	3801.18	Dry	--	--	--	69.97
RW-11	6/15/11	3796.65	71.10	65.75	5.35	3729.88	71.10
RW-11	9/6/11	3796.65	--	--	--	--	68.90
RW-11	11/29/11	3796.65	71.35	66.16	5.19	3729.50	73.70
RW-11	3/5/12	3796.65	70.93	66.43	4.50	3729.37	73.70
RW-11	6/5/12	3796.65	69.62	66.94	2.68	3729.20	--
RW-11	9/10/12	3796.65	70.79	66.89	3.90	3729.02	73.21
RW-11	12/4/12	3796.65	70.10	67.25	2.85	3728.86	--
RW-11	3/4/13	3796.65	72.39	66.95	5.44	3728.67	--
RW-11	5/28/13	3796.65	72.72	67.08	5.64	3728.50	--
RW-11	8/27/13	3796.65	LNAPL	69.30	3.91	--	73.21
RW-11	11/12/13	3796.65	70.72	67.94	2.78	3728.18	--
RW-11	2/24/14	3796.65	70.70	68.13	2.57	3728.03	--
RW-11	5/27/14	3796.65	LNAPL	67.82	5.08	--	72.90
RW-11	7/8/14	3796.65	LNAPL	67.88	4.92	--	72.80
RW-11	8/5/14	3796.65	69.35	68.86	0.49	3727.70	72.90
RW-11	9/2/14	3796.65	LNAPL	68.19	4.52	--	72.71
RW-11	11/18/14	3796.65	Dry	--	--	--	--
RW-11	3/2/15	3796.65	72.71	68.69	4.02	3727.20	--
RW-11	6/2/15	3796.65	70.74	69.39	1.35	3727.00	--
RW-11	8/11/15	3796.65	70.60	69.53	1.07	3726.92	--
RW-11	11/30/15	3796.65	71.63	69.60	2.03	3726.66	--
RW-11	2/8/16	3796.65	71.09	69.88	1.21	3726.54	--
RW-11	5/23/16	3796.65	LNAPL	69.60	3.41	--	73.01
RW-11	8/29/16	3796.65	72.85	70.04	2.81	3726.08	--
RW-11	11/1/16	3796.65	72.75	69.84	2.91	3726.26	--
RW-11	3/3/17	3796.65	LNAPL	70.09	2.67	--	72.76
RW-11	5/30/17	3796.65	72.80	70.37	2.43	3725.82	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	6/5/17	3796.65	--	--	--	--	--
RW-11	8/28/17	3798.72	71.74	71.27	0.47	3727.36	--
RW-11	11/29/17	3798.72	71.94	71.45	0.49	3727.18	--
RW-11	2/26/18	3798.72	73.00	71.01	1.99	3727.33	73.03
RW-11	5/29/18	3798.72	72.31	71.90	0.41	3726.74	--
RW-11	8/27/18	3798.72	72.87	71.96	0.91	3726.59	73.03
RW-11	11/26/18	3798.72	LNAPL	71.54	1.99	--	73.53
RW-11	2/26/19	3798.72	LNAPL	71.72	1.81	--	--
RW-11	5/20/19	3798.72	LNAPL	72.60	0.75	--	--
RW-11	7/22/19	3798.72	LNAPL	72.55	0.83	--	--
RW-11	10/21/19	3798.72	LNAPL	72.53	1.00	--	73.40
RW-12	6/15/11	3798.13	69.98	67.80	2.18	3729.92	72.83
RW-12	9/6/11	3798.13	69.22	68.16	1.06	3729.77	72.84
RW-12	11/29/11	3798.13	68.90	68.62	0.28	3729.46	72.85
RW-12	3/5/12	3798.13	68.80	68.63	0.17	3729.47	72.85
RW-12	6/5/12	3798.13	69.15	--	--	3728.98	77.70
RW-12	9/11/12	3798.13	69.23	69.00	0.23	3729.09	74.10
RW-12	12/4/12	3798.13	69.37	69.11	0.26	3728.97	--
RW-12	3/4/13	3798.13	69.93	69.22	0.71	3728.78	--
RW-12	5/28/13	3798.13	70.29	69.33	0.96	3728.62	--
RW-12	8/27/13	3798.13	70.14	69.62	0.52	3728.41	--
RW-12	11/12/13	3798.13	70.42	69.71	0.71	3728.29	--
RW-12	2/24/14	3798.13	70.96	70.85	0.11	3727.26	--
RW-12	5/27/14	3798.13	70.29	70.18	0.11	3727.93	74.10
RW-12	9/2/14	3798.13	70.51	70.38	0.13	3727.73	74.10
RW-12	11/18/14	3798.13	70.70	70.57	0.13	3727.54	--
RW-12	3/2/15	3798.13	70.89	70.82	0.07	3727.30	--
RW-12	6/2/15	3798.13	71.04	70.96	0.08	3727.15	--
RW-12	8/11/15	3798.13	71.15	71.14	0.01	3726.99	--
RW-12	11/30/15	3798.13	71.46	71.45	0.01	3726.68	--
RW-12	2/8/16	3798.13	71.63	71.62	0.01	3726.51	--
RW-12	5/23/16	3798.13	71.86	71.84	0.02	3726.29	--
RW-12	8/9/16	3798.13	--	--	--	--	--
RW-12	8/23/16	3798.13	--	--	--	--	--
RW-12	8/29/16	3798.13	72.19	--	--	3725.94	72.52
RW-12	11/1/16	3798.13	72.28	--	--	3725.85	72.60
RW-12	11/15/16	3798.13	--	--	--	--	--
RW-12	12/6/16	3798.13	--	--	--	--	--
RW-12	12/22/16	3798.13	--	--	--	--	--
RW-12	3/3/17	3798.13	Dry	--	--	--	72.60
RW-12	5/30/17	3798.13	Dry	--	--	--	72.80
RW-12	8/28/17	3800.23	Dry	--	--	--	72.58
RW-12	11/28/17	3800.23	Dry	--	--	--	72.60
RW-12	2/26/18	3800.23	Dry	--	--	--	72.57
RW-12	5/29/18	3800.23	Dry	--	--	--	72.59
RW-12	8/27/18	3800.23	Dry	--	--	--	72.68
RW-12	11/26/18	3800.23	Dry	--	--	--	72.68
RW-12	2/26/19	3800.23	Dry	--	--	--	--
RW-12	5/20/19	3800.23	Dry	--	--	--	--
RW-12	7/22/19	3800.23	Dry	--	--	--	--
RW-12	10/21/19	3800.23	Dry	--	--	--	72.68
RW-13	6/15/11	3798.52	69.52	68.38	1.14	3729.92	73.85

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	9/6/11	3798.52	69.04	68.85	0.19	3729.63	73.92
RW-13	11/29/11	3798.52	68.95	--	--	3729.57	73.90
RW-13	3/5/12	3798.52	69.25	69.01	0.24	3729.46	--
RW-13	6/5/12	3798.52	69.55	69.45	0.10	3729.05	--
RW-13	7/10/12	3798.52	69.78	69.31	0.47	3729.12	74.00
RW-13	12/4/12	3798.52	69.86	69.50	0.36	3728.95	--
RW-13	3/4/13	3798.52	70.05	69.64	0.41	3728.80	--
RW-13	5/28/13	3798.52	70.47	69.76	0.71	3728.63	--
RW-13	8/27/13	3798.52	70.72	69.98	0.74	3728.40	--
RW-13	11/12/13	3798.52	70.84	70.12	0.72	3728.26	--
RW-13	2/24/14	3798.52	70.54	70.36	0.18	3728.13	--
RW-13	5/27/14	3798.52	70.77	70.55	0.22	3727.93	--
RW-13	9/2/14	3798.52	70.99	70.76	0.23	3727.72	--
RW-13	11/18/14	3798.52	71.20	70.95	0.25	3727.52	--
RW-13	3/2/15	3798.52	71.33	71.18	0.15	3727.31	--
RW-13	6/2/15	3798.52	71.48	71.34	0.14	3727.15	--
RW-13	8/11/15	3798.52	71.54	71.53	0.01	3726.99	--
RW-13	11/30/15	3798.52	71.81	71.78	0.03	3726.73	--
RW-13	2/8/16	3798.52	71.90	71.89	0.01	3726.63	--
RW-13	5/23/16	3798.52	72.30	72.26	0.04	3726.25	--
RW-13	8/9/16	3798.52	--	--	--	--	--
RW-13	8/23/16	3798.52	--	--	--	--	--
RW-13	8/29/16	3798.52	72.83		--	3725.69	73.13
RW-13	8/31/16	3798.52	--	--	--	--	--
RW-13	11/1/16	3798.52	72.68	--	--	3725.84	--
RW-13	11/4/16	3798.52	--	--	--	--	--
RW-13	11/15/16	3798.52	--	--	--	--	--
RW-13	12/6/16	3798.52	--	--	--	--	--
RW-13	12/22/16	3798.52	--	--	--	--	--
RW-13	1/11/17	3798.52	--	--	--	--	--
RW-13	1/25/17	3798.52	--	--	--	--	--
RW-13	2/7/17	3798.52	--	--	--	--	--
RW-13	3/3/17	3798.52	72.77	--	--	3725.75	74.04
RW-13	4/4/17	3798.52	--	--	--	--	--
RW-13	5/2/17	3798.52	--	--	--	--	--
RW-13	5/16/17	3798.52	--	--	--	--	--
RW-13	5/30/17	3798.52	72.91	--	--	3725.61	74.10
RW-13	6/2/17	3798.52	--	--	--	--	--
RW-13	6/14/17	3798.52	--	--	--	--	--
RW-13	7/6/17	3800.62	--	--	--	--	--
RW-13	7/13/17	3800.62	--	--	--	--	--
RW-13	8/10/17	3800.62	--	--	--	--	--
RW-13	8/28/17	3800.62	73.13	--	--	3727.49	74.00
RW-13	9/13/17	3800.62	--	--	--	--	--
RW-13	10/12/17	3800.62	--	--	--	--	--
RW-13	10/17/17	3800.62	--	--	--	--	--
RW-13	10/25/17	3800.62	--	--	--	--	--
RW-13	11/28/17	3800.62	73.36	--	--	3727.26	74.02
RW-13	11/30/17	3800.62	--	--	--	--	--
RW-13	12/12/17	3800.62	--	--	--	--	--
RW-13	2/26/18	3800.62	73.51	--	--	3727.11	74.11
RW-13	5/29/18	3800.62	73.79	--	--	3726.83	74.04

Table 1b

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	8/27/18	3800.62	Dry	--	--	--	74.11
RW-13	11/26/18	3800.62	73.83	--	--	3726.79	74.11
RW-13	2/26/19	3800.62	73.79	--	--	3726.83	--
RW-13	5/20/19	3800.62	Dry	--	--	--	--
RW-13	7/22/19	3800.62	Dry	--	--	--	--
RW-13	10/21/19	3800.62	Dry	--	--	--	74.10
RW-14	11/18/14	3798.07	70.70	--	--	3727.37	85.39
RW-14	3/2/15	3798.07	70.91	--	--	3727.16	87.35
RW-14	6/2/15	3798.07	71.06	--	--	3727.01	--
RW-14	8/11/15	3798.07	71.22	--	--	3726.85	--
RW-14	11/30/15	3798.07	71.50	--	--	3726.57	--
RW-14	2/8/16	3798.07	71.62	--	--	3726.45	84.24
RW-14	5/23/16	3798.07	71.55	--	--	3726.52	84.24
RW-14	5/31/16	3798.07	--	--	--	--	--
RW-14	6/7/16	3798.07	--	--	--	--	--
RW-14	6/14/16	3798.07	--	--	--	--	--
RW-14	6/20/16	3798.07	--	--	--	--	--
RW-14	6/28/16	3798.07	--	--	--	--	--
RW-14	7/5/16	3798.07	--	--	--	--	--
RW-14	8/9/16	3798.07	--	--	--	--	--
RW-14	8/23/16	3798.07	--	--	--	--	--
RW-14	8/29/16	3798.07	72.37	--	--	3725.70	84.24
RW-14	8/31/16	3798.07	--	--	--	--	--
RW-14	9/27/16	3798.07	--	--	--	--	--
RW-14	10/11/16	3798.07	--	--	--	--	--
RW-14	11/1/16	3798.07	72.31	--	--	3725.76	--
RW-14	11/4/16	3798.07	--	--	--	--	--
RW-14	11/15/16	3798.07	--	--	--	--	--
RW-14	12/6/16	3798.07	--	--	--	--	--
RW-14	12/22/16	3798.07	--	--	--	--	--
RW-14	1/11/17	3798.07	--	--	--	--	--
RW-14	1/25/17	3798.07	--	--	--	--	--
RW-14	2/7/17	3798.07	--	--	--	--	--
RW-14	3/3/17	3798.07	72.45	--	--	3725.62	83.82
RW-14	3/3/17	3798.07	--	--	--	--	--
RW-14	4/4/17	3798.07	--	--	--	--	--
RW-14	5/2/17	3798.07	--	--	--	--	--
RW-14	5/16/17	3798.07	--	--	--	--	--
RW-14	5/30/17	3798.07	72.65	--	--	3725.42	82.40
RW-14	6/2/17	3798.07	--	--	--	--	--
RW-14	6/14/17	3798.07	--	--	--	--	--
RW-14	6/27/17	3798.07	--	--	--	--	--
RW-14	7/13/17	3800.13	--	--	--	--	--
RW-14	8/2/17	3800.13	--	--	--	--	--
RW-14	8/10/17	3800.13	--	--	--	--	--
RW-14	8/28/17	3800.13	72.84	--	--	3727.29	83.79
RW-14	9/6/17	3800.13	--	--	--	--	--
RW-14	9/13/17	3800.13	--	--	--	--	--
RW-14	9/20/17	3800.13	--	--	--	--	--
RW-14	10/12/17	3800.13	--	--	--	--	--
RW-14	10/17/17	3800.13	--	--	--	--	--
RW-14	10/25/17	3800.13	--	--	--	--	--

Table 1b

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Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	10/31/17	3800.13	--	--	--	--	--
RW-14	11/28/17	3800.13	73.05	--	--	3727.08	83.75
RW-14	11/30/17	3800.13	--	--	--	--	--
RW-14	12/5/17	3800.13	--	--	--	--	--
RW-14	12/12/17	3800.13	--	--	--	--	--
RW-14	12/21/17	3800.13	--	--	--	--	--
RW-14	2/26/18	3800.13	73.21	--	--	3726.92	83.92
RW-14	5/29/18	3800.13	73.51	--	--	3726.62	83.70
RW-14	8/27/18	3800.13	73.61	--	--	3726.52	83.92
RW-14	11/26/18	3800.13	73.88	--	--	3726.25	83.92
RW-14	2/26/19	3800.13	74.09	--	--	3726.04	--
RW-14	5/20/19	3800.13	74.30	--	--	3725.83	--
RW-14	7/22/19	3800.13	74.45	--	--	3725.68	--
RW-14	7/25/19	3800.13	--	--	--	--	--
RW-14	9/3/19	3800.13	--	--	--	--	--
RW-14	10/21/19	3800.13	74.70	--	--	3725.43	--
RW-14	10/24/19	3800.13	--	--	--	--	--
RW-14	12/11/19	3800.13	--	--	--	--	--
RW-15	11/18/14	3798.16	70.71	--	--	3727.45	85.57
RW-15	3/2/15	3798.16	70.93	--	--	3727.23	86.70
RW-15	6/2/15	3798.16	71.11	--	--	3727.05	--
RW-15	8/11/15	3798.16	71.25	--	--	3726.91	--
RW-15	11/30/15	3798.16	71.53	--	--	3726.63	--
RW-15	2/8/16	3798.16	71.63	--	--	3726.53	81.26
RW-15	5/23/16	3798.16	71.85	--	--	3726.31	81.26
RW-15	5/31/16	3798.16	--	--	--	--	--
RW-15	6/7/16	3798.16	--	--	--	--	--
RW-15	6/14/16	3798.16	--	--	--	--	--
RW-15	6/20/16	3798.16	--	--	--	--	--
RW-15	6/28/16	3798.16	--	--	--	--	--
RW-15	7/5/16	3798.16	--	--	--	--	--
RW-15	8/6/16	3798.16	--	--	--	--	--
RW-15	8/23/16	3798.16	--	--	--	--	--
RW-15	8/29/16	3798.16	72.19	--	--	3725.97	81.26
RW-15	8/31/16	3798.16	--	--	--	--	--
RW-15	9/27/16	3798.16	--	--	--	--	--
RW-15	10/11/16	3798.16	--	--	--	--	--
RW-15	11/1/16	3798.16	72.25	--	--	3725.91	81.26
RW-15	11/4/16	3798.16	--	--	--	--	--
RW-15	11/15/16	3798.16	--	--	--	--	--
RW-15	12/6/16	3798.16	--	--	--	--	--
RW-15	12/22/16	3798.16	--	--	--	--	--
RW-15	1/11/17	3798.16	--	--	--	--	--
RW-15	1/25/17	3798.16	--	--	--	--	--
RW-15	2/7/17	3798.16	--	--	--	--	--
RW-15	3/3/17	3798.16	72.48	--	--	3725.68	82.00
RW-15	4/4/17	3798.16	--	--	--	--	--
RW-15	5/30/17	3798.16	72.65	--	--	3725.51	82.65
RW-15	6/2/17	3798.16	--	--	--	--	--
RW-15	8/28/17	3800.23	72.87	--	--	3727.36	82.00
RW-15	10/12/17	3800.23	--	--	--	--	--
RW-15	10/17/17	3800.23	--	--	--	--	--

Table 1b

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Darr Angell No. 4
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Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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-15	10/25/17	3800.23	--	--	--	--	--
RW-15	10/31/17	3800.23	--	--	--	--	--
RW-15	11/28/17	3800.23	73.06	--	--	3727.17	82.00
RW-15	11/30/17	3800.23	--	--	--	--	--
RW-15	12/12/17	3800.23	--	--	--	--	--
RW-15	12/21/17	3800.23	--	--	--	--	--
RW-15	2/26/18	3800.23	73.28	--	--	3726.95	83.92
RW-15	5/29/18	3800.23	73.50	--	--	3726.73	82.01
RW-15	8/27/18	3800.23	73.64	--	--	3726.59	83.92
RW-15	11/26/18	3800.23	73.91	--	--	3726.32	83.92
RW-15	2/26/19	3800.23	74.11	--	--	3726.12	--
RW-15	5/20/19	3800.23	74.42	--	--	3725.81	--
RW-15	7/22/19	3800.23	74.51	--	--	3725.72	--
RW-15	7/25/19	3800.23	--	--	--	--	--
RW-15	9/3/19	3800.23	--	--	--	--	--
RW-15	10/21/19	3800.23	74.71	--	--	3725.52	--
RW-15	10/25/19	3800.23	--	--	--	--	--
RW-15	12/11/19	3800.23	--	--	--	--	--
RW-16	3/3/17	--	--	--	--	--	--
RW-16	5/16/17	--	--	--	--	--	--
RW-16	5/30/17	3800.19	72.63	72.50	0.13	3727.67	
RW-16	6/14/17	3800.19	--	--	--	--	--
RW-16	7/13/17	3800.19	--	--	--	--	--
RW-16	8/10/17	3800.19	--	--	--	--	--
RW-16	8/28/17	3800.19	72.78	72.75	0.03	3727.43	--
RW-16	9/13/17	3800.19	--	--	--	--	--
RW-16	9/20/17	3800.19	--	--	--	--	--
RW-16	10/12/17	3800.19	--	--	--	--	--
RW-16	10/17/17	3800.19	--	--	--	--	--
RW-16	10/25/17	3800.19	--	--	--	--	--
RW-16	10/31/17	3800.19	--	--	--	--	--
RW-16	12/5/17	3800.19	--	--	--	--	--
RW-16	11/28/17	3800.19	73.03	72.97	0.06	3727.21	--
RW-16	12/21/17	3800.19	--	--	--	--	--
RW-16	2/26/18	3800.19	73.29	73.08	0.21	3727.07	91.42
RW-16	5/29/18	3800.19	73.90	73.25	0.65	3726.82	
RW-16	8/27/18	3800.19	73.91	73.44	0.47	3726.66	91.42
RW-16	11/26/18	3800.19	LNAPL	73.55	1.40	--	74.95
RW-16	2/26/19	3800.19	75.74	73.64	2.10	3726.15	--
RW-16	4/30/19	3800.19	76.31	73.67	2.64	3726.02	--
RW-16	5/20/19	3800.19	75.60	73.91	1.69	3725.96	--
RW-16	6/11/19	3800.19	--	--	--	--	--
RW-16	6/25/19	3800.19	--	--	--	--	--
RW-16	7/22/19	3800.19	75.21	74.20	1.01	3725.80	--
RW-16	10/21/19	3800.19	74.68	74.60	0.08	3725.57	--
RW-17	3/3/17	--	--	--	--	--	--
RW-17	5/16/17	--	--	--	--	--	--
RW-17	5/30/17	3799.82	72.80	72.20	0.60	3727.51	--
RW-17	6/14/17	3799.82	--	--	--	--	--
RW-17	6/27/17	3799.82	--	--	--	--	--
RW-17	8/28/17	3799.82	73.50	72.33	1.17	3727.27	--
RW-17	11/29/17	3799.82	75.63	72.11	3.52	3727.04	--

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RW-17	2/26/18	3799.82	76.96	72.04	4.92	3726.85	89.78
RW-17	5/29/18	3799.82	77.72	72.20	5.52	3726.57	
RW-17	8/27/18	3799.82	74.17	73.12	1.05	3726.50	89.78
RW-17	11/26/18	3799.82	74.92	73.28	1.64	3726.23	89.78
RW-17	2/20/19	3799.82	--	--	--	--	--
RW-17	2/26/19	3799.82	73.95	73.74	0.21	3726.04	
RW-17	5/20/19	3799.82	74.45	73.85	0.60	3725.86	
RW-17	6/11/19	3799.82	--	--	--	--	--
RW-17	6/25/19	3799.82	--	--	--	--	--
RW-17	7/22/19	3799.82	74.55	74.04	0.51	3725.68	--
RW-17	10/21/19	3799.82	74.81	74.30	0.51	3725.42	--

Notes:

1. Monitoring well gauging data listed from June 2004 and 2011 were reported by NOVA.
2. NAVD88 - North American Vertical Datum of 1988
3. BTOC - Below Top-of-Casing
4. LNAPL - Light Non-Aqueous Phase Liquids
5. -- = No gauging data collected on corresponding date
6. Dry - No fluid column measured in corresponding monitoring well
7. P&A - Plugged and Abandoned
8. 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. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-1A	**2/19/20**		P&A	--	--	--
MW-1R	**5/15/20**		<0.000190	<0.000412	<0.00016	<0.000510
MW-1R	**9/17/20**		<0.000190	<0.000412	<0.000160	<0.000510
MW-1R	**11/3/20**		<0.000190	<0.000412	<0.000160	<0.000510
MW-1R	**2/23/21**		<0.000190	<0.000412	<0.000160	<0.000510
MW-1R	**5/21/21**		<0.000190	<0.000412	<0.000160	<0.000510
MW-1R	**5/21/21**	**DUP**	<0.000190	<0.000412	<0.000160	<0.000510
MW-1R	**8/13/21**		<0.000190	<0.000412	<0.000160	**0.000745 J**
MW-1R	**11/12/21**		<0.000190	<0.000412	<0.000160	<0.000510
MW-1R	**2/15/22**		<0.000190	<0.000412	<0.000160	<0.000510
MW-1R	**5/6/22**		<0.000493	<0.000998	<0.000462	<0.00132
MW-1R	**8/15/22**		<0.000190	<0.000412	<0.000160	<0.000510
MW-1R	**11/9/22**		<0.000190	<0.000412	**0.000386 J**	<0.000510
MW-1R	**2/10/23**		<0.000190	<0.000412	<0.000160	**0.000560 J**
MW-1R	**5/3/23**		<0.000500	<0.00100	<0.000500	<0.00150
MW-1R	**8/10/23**		<0.000500	<0.00100	<0.000500	<0.00150
MW-1R	**11/13/23**		<0.000500	<0.00100	<0.000500	<0.00150
MW-2	**2/19/20**		P&A	--	--	--
MW-2R	**5/15/20**		<0.000190	<0.000412	<0.00016	<0.000510
MW-2R	**9/17/20**		<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	**11/3/20**		<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	**2/23/21**		<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	**2/23/21**	**DUP**	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	**5/21/21**		<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	**8/13/21**		<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	**8/13/21**	**DUP**	**0.000353 J**	<0.000412	<0.000160	<0.000510
MW-2R	**11/12/21**		<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	**2/15/22**		<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	**5/6/22**		<0.000493	<0.000998	<0.000462	<0.00132
MW-2R	**8/15/22**		<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	**11/10/22**		<0.000190	**.000432 J**	**0.000323 J**	<0.000510
MW-2R	**2/16/23**		<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	**5/3/23**		<0.000500	<0.00100	<0.000500	<0.00150
MW-2R	**8/10/23**		<0.000500	<0.00100	<0.000500	<0.00150
MW-2R	**11/13/23**		<0.000500	<0.00100	<0.000500	<0.00150
MW-3R	**2/13/20**		<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**5/15/20**		<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**9/17/20**		<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**11/3/20**		**0.000209 J**	**0.00137**	**0.002740**	**0.005390**
MW-3R	**2/23/21**		<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**5/21/21**		<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**8/13/21**		<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**11/12/21**		<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**2/15/22**		<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**5/6/22**		<0.000493	<0.000998	<0.000462	<0.00132
MW-3R	**8/15/22**		<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**11/9/22**		<0.000190	**.000428 J**	**0.000372 J**	<0.000510
MW-3R	**2/16/23**		<0.000190	<0.000412	<0.000160	**0.000542 J**
MW-3R	**5/3/23**		<0.000500	<0.00100	<0.000500	<0.00150
MW-3R	**8/10/23**		<0.000500	<0.00100	<0.000500	<0.00150
MW-3R	**11/13/23**		<0.000500	<0.00100	<0.000500	<0.00150
MW-4R	**2/13/20**		**0.000191 J**	<0.000412	<0.000160	<0.000510
MW-4R	**5/15/20**		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	**9/17/20**		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	**11/3/20**		<0.000190	<0.000412	**0.002080**	**0.003620**
MW-4R	**2/23/21**		<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. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-4R	2/23/21	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	5/21/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	8/13/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	11/12/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	2/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	5/6/22		<0.000493	<0.000998	<0.000462	<0.00132
MW-4R	8/16/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	11/9/22		<0.000190	**.000427 J**	**0.000347 J**	<0.000510
MW-4R	2/10/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	5/3/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-4R	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-4R	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-5	2/19/20		P&A	--	--	--
MW-5R	5/15/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-5R	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-5R	11/3/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-5R	2/23/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-5R	5/21/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-5R	8/13/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-5R	11/12/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-5R	2/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-5R	5/6/22		<0.000493	<0.000998	<0.000462	<0.00132
MW-5R	8/16/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-5R	11/9/22		<0.000190	<0.000412	**0.000352 J**	<0.000510
MW-5R	2/17/23		<0.000191	<0.000413	<0.000160	<0.000511
MW-5R	5/3/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-5R	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-5R	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-6	2/19/20		P&A	--	--	--
MW-7	2/19/20		P&A	--	--	--
MW-7R	5/15/20		<0.000190	<0.000412	<0.000160	**0.00298**
MW-7R	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-7R	11/3/20		<0.000190	<0.000412	<0.000160	**0.00334**
MW-7R	11/3/20	DUP	<0.000190	<0.000412	<0.000160	**0.00307**
MW-7R	2/23/21		<0.000190	<0.000412	<0.000160	**0.00299**
MW-7R	5/21/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-7R	8/13/21		<0.000190	<0.000412	<0.000160	**0.000755 J**
MW-7R	11/12/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-7R	2/15/22		<0.000190	<0.000412	<0.000160	**0.000872 B J**
MW-7R	5/6/22		<0.00493	<0.000998	<0.000462	<0.00132
MW-7R	8/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-7R	11/9/22		<0.000190	<0.000412	**0.000338 J**	<0.000510
MW-7R	2/17/23		<0.000191	<0.000413	<0.000160	**0.000593 J**
MW-7R	5/3/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-7R	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-7R	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-8R	2/13/20		**0.0254**	<0.000412	**0.00280**	**0.0167**
MW-8R	2/13/20	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-8R	4/8/20		**0.0180**	<0.000412	**0.000507**	**0.00594**
MW-8R	4/8/20	DUP	**0.0196**	<0.000412	**0.000636**	**0.00490**
MW-8R	5/15/20		**0.00295**	<0.000412	<0.000160	**0.00530**
MW-8R	5/15/20	DUP	**0.00314**	<0.000412	<0.000160	**0.00548**
MW-8R	9/17/20		**0.00893**	<0.000412	<0.000160	<0.000510
MW-8R	11/3/20		**0.0245**	**0.00338**	**0.00382**	**0.0162**
MW-8R	11/3/20	DUP	**0.0195**	**0.00196**	**0.00223**	**0.00924**
MW-8R	2/23/21		**0.0155**	**0.00326**	**0.00343**	**0.0114**
MW-8R	5/21/21		**0.0260**	<0.000412	**0.00228**	**0.00362**
MW-8R	8/13/21		**0.0573**	**0.00122**	**0.00251**	**0.00426**
MW-8R	11/12/21		**0.00443**	**0.000538 J**	**0.000238 J**	<0.000510
MW-8R	11/12/21	DUP	**0.00575**	**0.000663 J**	**0.000246 J**	<0.000510

Table 2a

Summary of Groundwater Analytical Results (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-8R	2/15/22		0.0275	0.00182	0.00507	0.0147
MW-8R	2/15/22	DUP	0.0206	0.00423	0.00349	0.0157
MW-8R	5/6/22		0.00629	<0.000998	0.000988 J	0.00136 J
MW-8R	8/16/22		0.000389 J	<0.000412	0.000164 J	<0.000510
MW-8R	11/10/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-8R	2/17/23	DUP	0.000985	<0.000413	<0.000160	<0.000510
MW-8R	2/17/23		0.001460	<0.000413	<0.000160	<0.000510
MW-8R	5/3/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-8R	5/3/23	DUP	0.000250 J	<0.00100	0.000192 J	<0.00150
MW-8R	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-8R	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-9	2/19/20		P&A	--	--	--
MW-10R	2/13/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	5/15/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	11/3/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	2/23/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	5/21/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	8/13/21		<0.000190	0.000511 J	<0.000160	<0.000510
MW-10R	8/13/21	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	11/12/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	2/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	5/6/22		<0.000493	<0.000998	<0.000462	<0.00132
MW-10R	8/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	11/9/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	2/16/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-10R	5/3/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-10R	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-10R	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-11	2/19/20		P&A	--	--	--
MW-11R	5/15/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	11/3/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	2/23/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	5/21/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	8/13/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	11/12/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	2/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	5/6/22		<0.000493	<0.000998	<0.000462	<0.00132
MW-11R	8/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	11/9/22		<0.000190	0.000470 J	0.000349 J	<0.000510
MW-11R	2/16/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-11R	5/3/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-11R	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-11R	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-12R	2/13/20		<0.000190	<0.000412	0.000637	<0.000510
MW-12R	5/15/20		0.000833	<0.000412	0.00113	<0.000510
MW-12R	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-12R	11/3/20		0.001350	0.00342	0.00164	0.000928 J
MW-12R	2/23/21		0.000723	0.00279	0.00136	0.000757 J
MW-12R	5/21/21		0.000193 J	<0.000412	0.00160	<0.000510
MW-12R	8/13/21		0.000477 J	<0.000412	0.000740	<0.000510
MW-12R	11/12/21		0.000216 J	0.00121	0.000371 J	<0.000510
MW-12R	2/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-12R	5/6/22		<0.000493	<0.000998	<0.000462	<0.00132
MW-12R	8/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-12R	11/9/22		<0.000190	<0.000412	0.000764	0.000633 J
MW-12R	2/16/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-12R	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-12R	11/13/23		<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. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-13	2/19/20		P&A	--	--	--
MW-13R	5/15/2020		<0.000190	<0.000412	<0.000160	<0.000510
MW-13R	5/15/2020	DUP	<0.000190	<0.000412	<0.000160	<0.000510
MW-13R	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-13R	11/3/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-13R	2/23/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-13R	5/21/21		**0.000832**	<0.000412	<0.000160	<0.000510
MW-13R	8/13/21		**0.00224**	<0.000412	<0.000160	<0.000510
MW-13R	11/12/21		**0.00171**	**0.00116**	**0.000406 J**	<0.000510
MW-13R	11/12/21	DUP	**0.00182**	**0.00114**	**0.000406 J**	<0.000510
MW-13R	2/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-13R	2/15/22	DUP	<0.000190 J3	<0.000412	<0.000160	<0.000510
MW-13R	5/6/22		<0.000493	<0.000998	<0.000462	<0.00132
MW-13R	8/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-13R	11/9/22		<0.000190	**0.000433 J**	**0.000342 J**	<0.000510
MW-13R	2/10/23		<0.000190	<0.000412	<0.000160	<0.000510
MW-13R	5/3/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-13R	5/3/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-13R	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-13R	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-14	2/13/20		Dry	--	--	--
MW-14	5/15/20		Dry	--	--	--
MW-14	9/17/20		Dry	--	--	--
MW-14	11/3/20		Dry	--	--	--
MW-14	2/23/21		Dry	--	--	--
MW-14	5/21/21		Dry	--	--	--
MW-14	8/13/21		Dry	--	--	--
MW-15	2/13/20		Dry	--	--	--
MW-15	5/15/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-15	9/17/20		Dry	--	--	--
MW-15	11/3/20		Dry	--	--	--
MW-15	2/23/21		Dry	--	--	--
MW-15	5/21/21		Dry	--	--	--
MW-15	8/13/21		Dry	--	--	--
MW-16	2/13/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-16	5/15/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-16	9/17/20		Dry	--	--	--
MW-16	11/3/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-16	2/23/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-16	5/21/21		Dry	--	--	--
MW-16	8/13/21		Dry	--	--	--
MW-17	2/13/20		<0.000190	<0.000412	**0.000663**	**0.00222**
MW-17	2/13/20	DUP	**0.0244**	<0.000412	**0.00222**	**0.0169**
MW-17	4/8/20		<0.000190	<0.000412	**0.000255 J**	**0.00288**
MW-17	4/8/20	DUP	<0.000190	<0.000412	**0.000318 J**	**0.00149 J**
MW-17	5/15/20		<0.000190	<0.000412	**0.000318 J**	**0.00324**
MW-17	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-17	11/3/20		<0.000190	<0.000412	<0.000160	**0.00117 J**
MW-17	2/23/21		<0.000190	<0.000412	**0.000354 J**	**0.00439**
MW-17	5/21/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-17	8/13/21		<0.000190	<0.000412	**0.000204 J**	**0.00283**
MW-17	11/12/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-17	2/15/22		<0.000190	<0.000412	<0.000160	**0.00107 J**
MW-17	5/6/22		<0.000493	<0.000998	<0.000462	<0.00132
MW-17	8/18/22		**0.000206 J**	<0.000412	<0.000160	<0.000510
MW-17	11/9/22		**0.000322 J**	<0.000412	**0.000264 J**	**0.000820 J**
MW-17	11/9/22	DUP	**0.000404 J**	<0.000412	**0.000343 J**	**0.00107 J**
MW-17	2/16/23		<0.000190	**0.00166**	**0.000527**	**0.000645 J**
MW-17	5/3/23		**0.000274 J**	**0.00295**	**0.000750**	**0.000672 J**
MW-17	5/3/23	DUP	**0.000321 J**	**0.00405**	**0.000992**	**0.00104 J**

Table 2a

Summary of Groundwater Analytical Results (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-17	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-17	8/10/23	DUP	<0.000500	<0.00100	<0.000500	<0.00150
MW-17	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-17	11/13/23	DUP	<0.000500	<0.00100	<0.000500	<0.00150
MW-18	5/15/20		<0.000190	<0.000412	<0.000160	<0.000510
MW-18	9/17/20		**0.000309 J**	<0.000412	<0.000160	<0.000510
MW-18	11/3/20		**0.000288 J**	<0.000412	<0.000160	<0.000510
MW-18	2/23/21		**0.000304 J**	<0.000412	<0.000160	<0.000510
MW-18	5/21/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-18	8/13/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-18	11/12/21		<0.000190	<0.000412	<0.000160	<0.000510
MW-18	2/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-18	5/6/22		<0.000493	<0.000998	<0.000462	<0.00132
MW-18	8/15/22		<0.000190	<0.000412	<0.000160	<0.000510
MW-18	11/9/22		<0.000190	<0.000412	**0.000316 J**	<0.000510
MW-18	2/10/23		<0.000190	<0.000412	<0.000160	**0.000514 J**
MW-18	5/3/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-18	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
MW-18	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
RW-5R	2/13/20		**0.000901**	<0.000412	**0.000350**	**0.00313**
RW-5R	5/15/20		**0.000961**	<0.000412	<0.000160	**0.0366**
RW-5R	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
RW-5R	11/3/20		<0.000190	<0.000412	<0.000160	**0.00420**
RW-5R	2/23/21		<0.000190	<0.000412	**0.000444 J**	**0.0232**
RW-5R	5/21/21		<0.000190	<0.000412	<0.000160	**0.00167**
RW-5R	8/13/21		<0.000190	<0.000412	<0.000160	<0.000510
RW-5R	11/12/21		<0.000190	<0.000412	<0.000160	**0.00106 J**
RW-5R	2/15/22		<0.000190	<0.000412	<0.000160	**0.00377**
RW-5R	5/6/22		<0.000493	<0.000998	<0.000462	**0.00235 J**
RW-5R	8/16/22		<0.000190	<0.000412	<0.000160	<0.000510
RW-5R	11/10/22		<0.000190	<0.000412	**0.000193 J**	**0.00106 J**
RW-5R	2/17/23		**0.000477 J**	<0.000413	**0.000340 J**	**0.000948 J**
RW-5R	5/3/23		**0.000250 J**	<0.00100	**0.000326 J**	**0.00377**
RW-5R	8/10/23		<0.000500	<0.00100	<0.000500	**0.00980**
RW-5R	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
RW-7	2/13/20		Dry	--	--	--
RW-7	5/15/20		Dry	--	--	--
RW-7	9/17/20		Dry	--	--	--
RW-7	11/3/20		Dry	--	--	--
RW-7	2/23/21		Dry	--	--	--
RW-7	5/21/21		Dry	--	--	--
RW-7	8/13/21		Dry	--	--	--
RW-8	2/19/20		P&A	--	--	--
RW-10R	5/15/20		**0.372**	**0.223**	**0.0802**	**0.322**
RW-10R	9/17/20		**0.785**	**0.411**	**0.244**	**0.995**
RW-10R	9/17/20	DUP	**1.08**	**0.491**	**0.298**	**1.19**
RW-10R	2/23/21		LNAPL	--	--	--
RW-10R	5/21/21		LNAPL	--	--	--
RW-10R	8/13/21		LNAPL	--	--	--
RW-12	2/19/20		P&A	--	--	--
RW-13	2/13/20		Dry	--	--	--
RW-13	5/15/20		Dry	--	--	--
RW-13	9/17/20		Dry	--	--	--
RW-13	11/3/20		Dry	--	--	--
RW-13	2/23/21		Dry	--	--	--
RW-13	5/21/21		Dry	--	--	--
RW-13	8/13/21		Dry	--	--	--
RW-14	2/13/20		**0.00158**	<0.000412	**0.000912**	<0.000510
RW-14	5/15/20		**0.000464 J**	**0.00112**	**0.000461 J**	**0.00123 J**

Table 2a

Summary of Groundwater Analytical Results (2020-2023)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
RW-14	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
RW-14	11/3/20		<0.000190	**0.000623 J**	**0.000219 J**	<0.000510
RW-14	2/23/21		<0.000190	<0.000412	<0.000160	<0.000510
RW-14	5/21/21		<0.000190	<0.000412	<0.000160	<0.000510
RW-14	8/13/21		<0.000190	<0.000412	<0.000160	<0.000510
RW-14	11/12/21		<0.000190	<0.000412	<0.000160	<0.000510
RW-14	2/15/22		<0.000190	<0.000412	<0.000160	<0.000510
RW-14	5/6/22		<0.00493	<0.000998	<0.000462	<0.00132
RW-14	8/15/22		<0.000190	**0.000546 J**	<0.000160	<0.000510
RW-14	11/10/22		**0.000486 J**	**0.00159**	**0.000381 J**	<0.000510
RW-14	2/16/23		<0.000190	**0.000474 J**	<0.000160	<0.000510
RW-14	2/16/23	DUP	<0.000190	<0.000412	**0.000249 J**	**0.000555 J**
RW-14	5/3/23		<0.000500	<0.00100	**0.000215 J**	<0.00150
RW-14	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
RW-14	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
RW-15	2/13/20		<0.000190	<0.000412	**0.000738**	<0.000510
RW-15	5/15/20		<0.000190	<0.000412	**0.000554**	**0.00272**
RW-15	9/17/20		**0.000885**	<0.000412	<0.000160	<0.000510
RW-15	9/17/20	DUP	<0.000190	**0.00117**	**0.000593**	<0.000510
RW-15	11/3/20		**0.00110**	**0.00129**	**0.000854**	**0.000620 J**
RW-15	2/23/21		**0.00386 J**	**0.00112**	**0.000534**	**0.00110 J**
RW-15	5/21/21		<0.000190	<0.000412	**0.000262 J**	<0.000510
RW-15	8/13/21		<0.000190	<0.000412	**0.000302 J**	<0.000510
RW-15	11/12/21		<0.000190	<0.000412	**0.000330 J**	<0.000510
RW-15	2/15/22		**0.000202 J**	<0.000412	**0.000377 B J**	<0.000510
RW-15	5/6/22		<0.000493	<0.000998	<0.000462	<0.00132
RW-15	8/16/22		**0.000367 J**	**0.000943 J**	**0.000350 J**	<0.000510
RW-15	11/10/22		**0.000244 J**	<0.000412	**0.000245 J**	<0.000510
RW-15	11/10/22	DUP	<0.000190	<0.000412	**0.000279 J**	**0.000522 J**
RW-15	2/16/23		<0.000190	<0.000412	<0.000160	<0.000510
RW-15	5/3/23		<0.000500	<0.00100	<0.000500	<0.00150
RW-15	8/10/23		<0.000500	<0.00100	<0.000500	<0.00150
RW-15	8/10/23	DUP	<0.000500	<0.00100	<0.000500	<0.00150
RW-15	11/13/23		<0.000500	<0.00100	<0.000500	<0.00150
RW-15	11/13/23	DUP	<0.000500	<0.00100	<0.000500	<0.00150
RW-16	2/13/20		LNAPL	--	--	--
RW-16	5/15/20		LNAPL	--	--	--
RW-16	9/17/20		LNAPL	--	--	--
RW-16	11/3/20		LNAPL	--	--	--
RW-16	2/23/21		LNAPL	--	--	--
RW-16	5/21/21		LNAPL	--	--	--
RW-16	8/13/21		LNAPL	--	--	--
RW-17	2/13/20		LNAPL	--	--	--
RW-17	5/15/20		LNAPL	--	--	--
RW-17	9/17/20		LNAPL	--	--	--
RW-17	11/3/20		LNAPL	--	--	--
RW-17	2/23/21		LNAPL	--	--	--
RW-17	5/21/21		LNAPL	--	--	--
RW-17	8/13/21		LNAPL	--	--	--
RW-19	5/15/20		<0.000190	**0.000467 J**	**0.000889**	**0.0062**
RW-19	9/17/20		<0.000190	<0.000412	<0.000160	<0.000510
RW-19	11/3/20		<0.000190	<0.000412	**0.000388 J**	**0.001820**
RW-19	2/23/21		**0.00227**	<0.000412	**0.00147**	**0.00777**
RW-19	5/21/21		<0.000190	<0.000412	<0.000160	<0.000510
RW-19	5/21/21	DUP	<0.000190	<0.000412	<0.000160	<0.000510
RW-19	8/13/21		<0.000190	<0.000412	<0.000160	<0.000510
RW-19	11/12/21		<0.000190	<0.000412	<0.000160	<0.000510
RW-19	2/15/22		**0.000213 J**	<0.000412	<0.000160	**0.00119 J**
RW-19	5/6/22		<0.000493	<0.000998	<0.000462	<0.00132
RW-19	8/18/22		<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. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
RW-19	**11/10/22**		<0.000190	**0.000536 J**	**0.000540**	<0.000510
RW-19	**2/16/23**		<0.000190	<0.000412	<0.000160	**0.000512 J**
RW-19	**5/3/23**		<0.000500	<0.00100	<0.000500	<0.00150
RW-19	**8/10/23**		<0.000500	<0.00100	<0.000500	<0.00150
RW-19	**11/13/23**		<0.000500	<0.00100	<0.000500	<0.00150
Trip Blank	**2/16/23**		<0.000190	<0.000412	<0.000160	<0.000510
Trip Blank	**5/3/23**		**0.000325 J**	**0.000778 J**	<0.000500	<0.00150
Equip Blank	**11/10/22**		<0.000190	**0.000464 J**	**0.000342 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. P&A - Plugged and Abandoned
12. The NMWQCC Human Health Standard for benzene listed at the top of the table is from NMAC 20.6.2.3103 and became effective on December 21, 2018.
13. The NMWQCC Human Health Standard for toluene listed at the top of the table is from NMAC 20.6.2.3103 and became effective on December 21, 2018.
14. The NMWQCC Human Health Standard for ethylbenzene listed at the top of the table is from NMAC 20.6.2.3103 and became effective on December 21, 2018.

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-1A	**12/1/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-1A	**12/7/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-1A	**11/14/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-1A	**11/20/14**		<0.00100	<0.00100	<0.00100	<0.00100
MW-2	**12/1/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-2	**12/7/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3	**3/2/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3	**6/15/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3	**9/13/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3	**10/15/14**		P&A			
MW-3R	**3/5/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3R	**3/5/15**	**DUP**	<0.00100	<0.00100	<0.00100	<0.00100
MW-3R	**6/5/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3R	**8/13/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3R	**12/3/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3R	**2/11/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3R	**5/27/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3R	**9/1/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3R	**11/4/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-3R	**3/3/17**		**0.00137**	<0.00150	<0.00200	<0.00200
MW-3R	**6/2/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-3R	**6/2/17**	**DUP**	<0.00200	<0.00200	<0.00200	<0.00200
MW-3R	**8/30/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-3R	**11/30/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-3R	**3/1/18**		**0.00300**	<0.00200	<0.00200	<0.00200
MW-3R	**6/1/18**		<0.00200	<0.00200	<0.00200	<0.00200
MW-3R	**8/28/18**		<0.000190	<0.000412	<0.000160	**0.000576 J**
MW-3R	**11/28/18**		<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**11/28/18**	**DUP**	<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**5/23/19**		<0.000190	<0.000412	<0.000160	<0.000510
MW-3R	**7/25/19**		<0.000190	<0.000412	**0.000262 J**	<0.000510
MW-3R	**10/25/19**		<0.000190	<0.000412	<0.000160	**0.000752 J**
MW-4	**12/1/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-4	**12/7/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-4	**11/14/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-4	**2/23/17**		P&A	--	--	--
MW-4R	**3/13/17**		<0.00200	<0.00150	<0.00200	<0.00200
MW-4R	**6/2/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-4R	**8/30/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-4R	**11/30/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-4R	**3/1/18**		<0.00200	<0.00200	<0.00200	<0.00200
MW-4R	**6/1/18**		<0.00200	<0.00200	<0.00200	<0.00200
MW-4R	**8/28/18**		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	**11/28/18**		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	**2/28/19**		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	**5/23/19**		<0.000190	<0.000412	<0.000160	<0.000510
MW-4R	**7/25/19**		<0.000190	<0.000412	**0.000215 J**	<0.000510
MW-4R	**10/25/19**		<0.000190	**0.000498 J**	<0.000160	**0.000839 J**
MW-5	**12/1/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-5	**12/7/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-5	**11/14/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-5	**11/20/14**		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	**3/2/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	**6/15/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	**9/13/11**		<0.00100	<0.00100	<0.00100	<0.00100

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-6	12/1/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	3/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	6/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	9/12/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	12/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	3/7/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	5/30/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	8/29/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	11/14/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	2/27/14		<0.00100	<0.00100	<0.00100	<0.00300
MW-6	5/29/14		<0.00100	<0.00100	<0.00100	<0.00300
MW-6	9/3/14		<0.00100	<0.00100	<0.00100	<0.00100
MW-6	11/20/14		<0.00100	<0.00100	<0.00100	<0.00100
MW-7	12/1/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-7	12/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-7	11/14/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-8	3/2/11		<0.00100	<0.00100	**0.00760**	**0.0210**
MW-8	6/15/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-8	9/13/11		<0.00100	<0.00100	<0.00100	**0.00700**
MW-8	2/23/17		P&A	--	--	--
MW-8R	3/13/17		**0.0765**	**0.0791**	**0.0359**	**0.09080**
MW-8R	6/2/17		**0.389**	**0.248**	**0.140**	**0.425**
MW-8R	6/2/17	DUP	**0.375**	**0.267**	**0.147**	**0.453**
MW-8R	8/30/17		**0.618**	**0.285**	**0.322**	**0.325**
MW-8R	11/30/17		**1.35**	**0.134**	**0.551**	**0.387**
MW-8R	3/1/18		**0.352**	**0.0146**	**0.0703**	**0.0696**
MW-8R	6/1/18		**0.0709**	**0.0101**	**0.0132**	**0.0209**
MW-8R	8/28/18		**0.921**	**0.604**	**0.324**	**0.705**
MW-8R	11/28/18		**0.623**	**0.297**	**0.325**	**0.546**
MW-8R	2/28/19		**0.0751**	**0.0121**	**0.00905**	**0.0263**
MW-8R	5/23/19		**0.190**	**0.0326**	**0.0788**	**0.158**
MW-8R	5/23/19	DUP	**0.116**	**0.0201**	**0.0459**	**0.110**
MW-8R	7/25/19		**0.00664**	**0.00343**	**0.00415**	**0.0248**
MW-8R	10/25/19		**0.0338**	**0.00812**	**0.0108**	**0.0687**
MW-8R	10/25/19	DUP	**0.0385**	**0.00766**	**0.0103**	**0.0858**
MW-9	6/15/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-9	12/1/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-9	6/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-9	12/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-9	5/30/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-9	11/14/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-9	5/29/14		<0.00100	<0.00100	**0.00110**	**0.00390**
MW-9	11/20/14		<0.00100	<0.00100	<0.00100	<0.00100
MW-9	6/5/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	3/2/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	6/15/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	9/13/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	12/1/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	3/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	6/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	9/12/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	12/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	3/7/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	5/30/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	8/29/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	11/14/13		<0.00100	<0.00100	<0.00100	<0.00100

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-10	**5/29/14**		<0.00100	<0.00100	<0.00100	<0.00300
MW-10	**9/3/14**		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	**11/20/14**		<0.00100	<0.00100	<0.00100	<0.00100
MW-10	**2/23/17**		P&A	--	--	--
MW-10R	**3/3/17**		<0.00200	<0.00150	<0.00200	<0.00200
MW-10R	**6/2/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-10R	**8/30/17**		**0.00256**	**0.00291**	<0.00200	<0.00200
MW-10R	**11/30/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-10R	**3/1/18**		<0.00200	<0.00200	<0.00200	<0.00200
MW-10R	**6/1/18**		<0.00200	<0.00200	<0.00200	<0.00200
MW-10R	**8/28/18**		**0.000554**	**0.00101**	**0.000372 J**	<0.000510
MW-10R	**11/28/18**		**0.000400 J**	<0.000412	<0.000160	<0.000510
MW-10R	**2/28/19**		**0.000591**	**0.00152**	**0.000303 J**	<0.000510
MW-10R	**2/28/19**	**DUP**	**0.000596**	**0.00153**	**0.000383 J**	<0.000510
MW-10R	**5/23/19**		**0.00119**	**0.00246**	**0.000805**	**0.0120**
MW-10R	**7/25/19**		<0.000190	<0.000412	**0.000503**	<0.000510
MW-10R	**10/25/19**		**0.000571**	**0.00169**	**0.000455 J**	**0.00155**
MW-11	**12/1/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**12/7/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**8/29/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**11/14/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**9/3/14**		<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**11/20/14**		<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**12/1/11**		**0.210**	<0.00500	**0.0147**	<0.00500
MW-12	**6/7/12**		**0.303**	**0.134**	**0.397**	**1.2**
MW-12	**10/15/14**		P&A			
MW-12R	**11/20/14**		<0.00100	<0.00100	<0.00100	<0.00100
MW-12R	**3/5/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-12R	**6/5/15**		<0.00100	<0.00100	**0.0129**	**0.00210**
MW-12R	**8/13/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-12R	**12/3/15**		<0.00100	<0.00100	**0.0015**	**0.00320**
MW-12R	**2/11/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-12R	**5/27/16**		<0.00100	<0.00100	<0.00100	**0.00290**
MW-12R	**9/1/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-12R	**11/4/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-12R	**3/3/17**		**0.00732**	<0.00150	<0.00200	**0.00417**
MW-12R	**6/2/17**		**0.0168**	<0.00200	<0.00200	**0.00364**
MW-12R	**8/30/17**		<0.00200	<0.00200	<0.00200	**0.00396J**
MW-12R	**8/30/17**	**DUP**	<0.00200	<0.00200	**0.00158J**	**0.00291**
MW-12R	**11/30/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-12R	**11/30/17**	**DUP**	<0.00200	<0.00200	<0.00200	<0.00200
MW-12R	**3/1/18**		**0.00618**	<0.00200	<0.00200	<0.00200
MW-12R	**6/1/18**		<0.00200	<0.00200	<0.00200	<0.00200
MW-12R	**6/1/18**	**DUP**	**0.00461**	<0.00200	<0.00200	**0.00290**
MW-12R	**8/28/18**		**0.000413 J**	**0.00102**	**0.000546**	<0.000510
MW-12R	**11/28/18**		<0.000190	<0.000412	**0.000386 J**	<0.000510
MW-12R	**2/28/19**		<0.000190	**0.00158**	**0.000554**	<0.000510
MW-12R	**5/23/19**		<0.000190	**0.00132**	**0.000627**	<0.000510
MW-12R	**7/25/19**		<0.000190	**0.000775 J**	**0.000405 J**	<0.000510
MW-12R	**10/25/19**		<0.000190	**0.000953 J**	**0.000343 J**	**0.000574 J**
MW-14	**3/2/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**6/15/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**9/13/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**12/1/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**3/7/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**6/7/12**		<0.00100	<0.00100	<0.00100	<0.00100

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-14	**9/12/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**12/7/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**3/7/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**5/30/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**8/29/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**11/14/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**2/27/14**		<0.00100	<0.00100	<0.00100	<0.00300
MW-14	**5/29/14**		<0.00100	<0.00100	<0.00100	<0.00300
MW-14	**9/3/14**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**11/20/14**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**3/5/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**6/5/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**8/13/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**12/3/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**2/11/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**5/27/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**9/1/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**11/4/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**3/3/17**		<0.00200	<0.00150	<0.00200	<0.00200
MW-14	**6/2/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-14	**8/30/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-14	**11/30/17**		<0.00200	<0.00200	<0.00200	<0.00200
MW-14	**3/1/18**		<0.00200	<0.00200	<0.00200	<0.00200
MW-14	**6/1/18**		<0.00200	<0.00200	<0.00200	<0.00200
MW-14	**8/28/18**		<0.000190	<0.000412	<0.000160	<0.000510
MW-14	**11/28/18**		<0.000190	<0.000412	<0.000160	<0.000510
MW-14	**2/28/19**		<0.000190	**0.000423 J**	<0.000160	<0.000510
MW-14	**5/23/19**		**0.000217 J**	<0.000412	<0.000160	**0.000785 J**
MW-14	**10/25/19**		Dry	--	--	--
MW-15	**3/2/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**6/15/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**9/13/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**12/1/11**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**3/7/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**6/7/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**9/12/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**12/7/12**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**3/7/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**5/30/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**8/29/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**11/14/13**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**2/27/14**		<0.00100	<0.00100	<0.00100	<0.00300
MW-15	**5/29/14**		<0.00100	<0.00100	<0.00100	<0.00300
MW-15	**9/3/14**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**11/20/14**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**3/5/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**3/5/15**	**DUP**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**6/5/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**8/13/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**12/3/15**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**2/11/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**5/27/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**9/1/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**11/4/16**		<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**3/3/17**		<0.00200	<0.00150	<0.00200	<0.00200
MW-15	**6/2/17**		<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. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-15	8/30/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-15	11/30/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-15	3/1/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-15	6/1/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-15	8/28/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-15	11/28/18		<0.000190	**0.000441 J**	<0.000160	<0.000510
MW-15	2/28/19		<0.000190	**0.000451 J**	<0.000160	<0.000510
MW-15	5/23/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-15	7/25/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-15	10/25/19		<0.000190	<0.000412	<0.000160	**0.000829 J**
MW-16	3/2/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	6/15/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	9/13/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	12/1/11		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	3/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	6/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	9/12/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	12/7/12		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	3/7/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	5/30/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	8/29/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	11/14/13		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	2/27/14		<0.00100	<0.00100	<0.00100	<0.00300
MW-16	5/29/14		<0.00100	<0.00100	<0.00100	<0.00300
MW-16	9/3/14		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	11/20/14		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	3/5/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	6/5/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	8/13/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	12/3/15		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	2/11/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	5/27/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	9/1/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	11/4/16		<0.00100	<0.00100	<0.00100	<0.00100
MW-16	3/3/17		<0.00200	<0.00150	<0.00200	<0.00200
MW-16	6/2/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-16	8/30/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-16	11/30/17		<0.00200	<0.00200	<0.00200	<0.00200
MW-16	3/1/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-16	6/1/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-16	8/28/18		<0.000190	<0.000412	<0.000160	<0.000510
MW-16	11/28/18		**0.000316 J**	<0.000412	<0.000160	<0.000510
MW-16	2/28/19		**0.000235 J**	**0.000558 J**	<0.000160	**0.000898 J**
MW-16	5/23/19		**0.00101**	**0.00396**	**0.000825 B**	**0.0224**
MW-16	7/25/19		<0.000190	<0.000412	<0.000160	<0.000510
MW-16	10/25/19		<0.000190	**0.000584 J**	<0.000160	**0.00195**
MW-17	3/3/17		**0.0131**	**0.00158**	**0.00699**	**0.0103**
MW-17	6/2/17		**0.0430**	**0.0172**	**0.0178**	**0.0904**
MW-17	8/30/17		**0.00190J**	**0.00477**	**0.00393**	**0.0209**
MW-17	11/30/17		**0.01170**	**0.00366**	**0.00381**	**0.0219**
MW-17	3/1/18		**0.00847**	**0.00223**	**0.00335**	**0.0146**
MW-17	3/1/18	DUP	**0.00877**	**0.00201**	**0.00343**	**0.0143**
MW-17	6/1/18		<0.00200	<0.00200	<0.00200	<0.00200
MW-17	8/28/18		**0.00506**	**0.00176**	**0.00360**	**0.0217**
MW-17	8/28/18	DUP	**0.00794**	**0.00266**	**0.00559**	**0.0339**
MW-17	11/28/18		**0.00227**	**0.00165**	**0.00499**	**0.0273**

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			0.01	0.75	0.75	0.62
MW-17	2/28/19		0.00385	0.00170	0.00764	0.0402
MW-17	5/23/19		0.000666	0.000472 J	0.00463	0.0331
MW-17	7/25/19		0.000692	<0.000412	0.00169	0.0163
MW-17	7/25/19	DUP	0.000456 J	<0.000412	0.00130	0.0128
MW-17	10/25/19		<0.000190	<0.000412	<0.000160	0.00137 J
RW-5	3/2/11		0.00830	<0.00100	0.0206	0.0360
RW-5	6/15/11		0.0109	<0.00100	<0.00100	<0.00100
RW-5	9/13/11		0.0151	0.00850	0.247	0.382
RW-5	12/1/11		<0.00100	0.0478	0.354	0.758
RW-5	3/7/12		0.0548	0.0550	0.268	0.675
RW-5	6/7/12		<0.00100	0.0092	0.220	0.592
RW-5	9/12/12		0.0337	<0.00100	0.111	0.289
RW-5	12/7/12		<0.00100	<0.00100	0.0498	0.0488
RW-5	3/7/13		<0.00100	<0.00100	0.0294	0.0132
RW-5	8/29/13		<0.00100	<0.00100	<0.00100	<0.00100
RW-5	11/14/13		<0.00100	<0.00100	<0.00100	<0.00100
RW-5	2/27/14		<0.00100	<0.00100	0.0072	<0.00300
RW-5	5/29/14		0.00100	<0.00100	0.00250	<0.00300
RW-5	9/3/14		<0.00100	<0.00100	0.00140	0.00780
RW-5	3/5/15		<0.00500	<0.00500	<0.00500	<0.00500
RW-5	2/23/17		P&A	--	--	--
RW-5R	3/3/17		<0.00200	<0.00150	0.00209	0.00723
RW-5R	6/2/17		0.00582	0.00430	0.00656	0.0295
RW-5R	8/30/17		<0.00200	<0.00200	0.00504	0.0580
RW-5R	8/30/17	DUP	<0.00200	<0.00200	0.00484	0.0540
RW-5R	11/30/17		<0.00200	0.00219	<0.00200	0.0209
RW-5R	11/30/17	DUP	<0.00200	<0.00200	<0.00200	0.0203
RW-5R	3/1/18		<0.00200	<0.00200	<0.00200	0.0101
RW-5R	3/1/18	DUP	<0.00200	<0.00200	<0.00200	0.0111
RW-5R	6/1/18		<0.00200	<0.00200	<0.00200	0.0361
RW-5R	6/1/18	DUP	<0.00200	<0.00200	<0.00200	0.0255
RW-5R	8/28/18		0.000574	<0.000412	0.000846	0.0100
RW-5R	8/28/18	DUP	0.000615	<0.000412	0.000890	0.0110
RW-5R	11/28/18		0.00175	<0.000412	0.00286	0.0223
RW-5R	2/28/19		0.00325	<0.000412	0.00382	0.0412
RW-5R	5/23/19		0.00341	0.000517 J	0.00593	0.0634
RW-5R	7/25/19		0.00177	<0.000412	0.00482	0.0175
RW-5R	7/25/19	DUP	0.00181	<0.000412	0.00507	0.0184
RW-5R	10/25/19		0.00104	0.000575 J	0.000704	0.00263
RW-6	12/1/11		0.0794	0.129	0.639	1.75
RW-6	2/23/17		P&A	--	--	--
RW-7	3/13/17		<0.00200	<0.00150	0.00222	0.0101
RW-7	6/2/17		0.00541	0.00255	0.00638	0.0145
RW-7	8/30/17		<0.00200	0.00560	0.00500	0.00886
RW-7	11/30/17		<0.00200	0.00273	0.00340	<0.00200
RW-7	3/1/18		<0.00200	0.0109	0.00593	0.0262
RW-7	6/1/18		<0.00200	<0.00200	<0.00200	<0.00200
RW-7	8/28/18		0.000653	<0.000412	<0.000160	0.00820
RW-7	11/28/18		0.00119	<0.000412	0.00297	0.0211
RW-7	2/28/19		0.000838	<0.000412	<0.000160	0.00339
RW-7	5/23/19		Dry	--	--	--
RW-7	7/25/19		Dry	--	--	--
RW-7	10/25/19		Dry	--	--	--
RW-8	12/1/11		1.21	1.57	0.685	2.55
RW-8	6/7/12		1.55	0.184	0.520	1.90

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			0.01	0.75	0.75	0.62
RW-12	6/7/12		0.303	0.134	0.397	1.20
RW-13	3/2/11		1.21	0.910	0.914	2.15
RW-13	12/1/11		1.08	0.219	0.311	0.776
RW-13	9/1/16		0.0273	<0.00100	0.0179	0.0229
RW-13	3/13/17		0.00674	<0.00150	0.00578	0.0351
RW-13	6/2/17		0.0430	0.00584	0.0515	0.0499
RW-13	8/30/17		0.0749	0.00910	0.104	0.0743
RW-13	11/30/17		<0.00200	<0.00200	<0.00200	<0.00200
RW-13	3/1/18		0.0239	0.324	0.155	0.601
RW-13	2/28/19		0.00955	<0.000412	<0.000160	<0.000510
RW-13	5/23/19		Dry	--	--	--
RW-13	7/25/19		Dry	--	--	--
RW-13	10/25/19		Dry	--	--	--
RW-14	11/20/14		0.052	<0.00100	0.0493	0.0123
RW-14	3/5/15		0.0756	<0.00100	0.0663	0.0217
RW-14	8/13/15		<0.00100	<0.00100	<0.00100	0.00100
RW-14	12/3/15		0.0217	<0.00100	<0.00100	0.00240
RW-14	2/11/16		0.112	<0.00100	0.0588	0.00650
RW-14	5/27/16		0.0653	<0.00100	0.0129	0.00590
RW-14	9/1/16		0.133	<0.00100	0.0212	0.01830
RW-14	11/4/16		0.146	<0.00100	0.0209	0.01150
RW-14	11/4/16	DUP	0.151	<0.00100	0.0208	0.01150
RW-14	3/3/17		0.0625	0.00189	0.0179	0.01760
RW-14	6/2/17		0.0751	<0.00200	0.0303	0.0397
RW-14	8/30/17		0.0103	<0.00200	<0.00200	0.00391
RW-14	11/30/17		<0.00200	<0.00200	<0.00200	<0.00200
RW-14	3/1/18		<0.00200	<0.00200	<0.00200	<0.00200
RW-14	6/1/18		<0.00200	<0.00200	<0.00200	<0.00200
RW-14	8/28/18		<0.000190	<0.000412	0.000392 J	<0.000510
RW-14	11/28/18		<0.000190	0.000877 J	<0.000160	<0.000510
RW-14	11/28/18	DUP	<0.000190	<0.000412	<0.000160	<0.000510
RW-14	2/28/19		0.000963	0.00132	0.000419 J	0.000592 J
RW-14	2/28/19	DUP	0.000859	0.00127	0.000356 J	<0.000510
RW-14	5/23/19		0.00100	0.00109	0.000595	<0.000510
RW-14	5/23/19	DUP	0.000950	0.00122	0.000702	<0.000510
RW-14	7/25/19		0.00373	0.00241	0.00121	0.00260
RW-14	10/25/19		0.00355	0.00204	0.00120	0.00159
RW-14	10/25/19	DUP	0.00309	0.00112	0.000811	0.00125 J
RW-15	11/20/14		0.0101	0.0117	0.0122	0.128
RW-15	3/5/15		0.0262	0.0059	0.0495	0.120
RW-15	6/5/15		0.0714	<0.00100	0.0539	0.0345
RW-15	6/5/15	DUP	0.0823	<0.00100	0.0726	0.0355
RW-15	8/13/15		0.325	0.0908	0.1630	0.763
RW-15	8/13/15		0.315	0.0887	0.1760	0.761
RW-15	12/3/15		0.413	0.0962	0.2200	0.455
RW-15	12/3/15	DUP	0.422	0.1050	0.1780	0.423
RW-15	2/11/16		0.250	<0.0500	0.3250	0.279
RW-15	2/11/16	DUP	0.282	<0.0500	0.2250	0.247
RW-15	5/27/16		0.120	<0.00100	0.0506	0.0396
RW-15	5/27/16	DUP	0.116	0.00590	0.0494	0.0564
RW-15	9/1/16		0.0762	0.00370	0.0548	0.111
RW-15	9/1/16	DUP	0.0672	0.00290	0.0498	0.0992
RW-15	11/4/16		0.0138	<0.00100	0.0059	0.0111
RW-15	3/3/17		<0.00200	<0.00150	<0.00200	<0.00200
RW-15	3/3/17	DUP	<0.00200	<0.00150	<0.00200	<0.00200
RW-15	6/2/17		<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. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
RW-15	**8/30/17**		<0.00200	<0.00200	<0.00200	**0.00802**
RW-15	**11/30/17**		<0.00200	<0.00200	<0.00200	<0.00200
RW-15	**3/1/18**		<0.00200	<0.00200	<0.00200	<0.00200
RW-15	**6/1/18**		<0.00200	<0.00200	<0.00200	**0.00216**
RW-15	**8/28/18**		**0.000461 J**	**0.000414 J**	**0.000413 J**	**0.00110 J**
RW-15	**11/28/18**		<0.000190	<0.000412	<0.000160	<0.000510
RW-15	**2/28/19**		**0.000332**	**0.00134**	**0.000641**	**0.00167**
RW-15	**5/23/19**		<0.000190	**0.00131**	**0.000354**	**0.00195**
RW-15	**7/25/19**		**0.000707**	**0.00192**	**0.000801**	**0.00401**
RW-15	**10/25/19**		**0.000631**	**0.00165**	**0.000707**	**0.00209**
RW-16	**3/3/17**		**0.0221**	**0.0608**	**0.0514**	**0.193**
RW-17	**3/3/17**		**0.0702**	**0.157**	**0.127**	**0.37**
Trip Blank	**3/1/18**		<0.00200	<0.00200	<0.00200	<0.00200
Trip Blank	**8/28/18**		<0.000190	<0.000412	<0.000160	<0.000510
Trip Blank	**2/28/19**		**0.000371 J**	**0.00110**	<0.000160	**0.000948 J**

Notes:
1. Sample results listed prior to March 2011 were collected and reported by NOVA.
2. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis by Environmental Protection Agency (EPA) Method SW846-8021B.
3. All reported concentrations are reported as milligrams per Liter (mg/L).
4. Bold font indicates laboratory detection.
5. Yellow shaded cells indicate results exceeding NMWQCC Human Health Standards.
6. < - Not detected above the Sample Detection Limit
7. J - Denotes an estimated concentration detected above the Sample Detection Limit and below the Method Quantitation Limit
8. DUP - Duplicate Sample
9. LNAPL - Light Non-Aqueous Phase Liquid
10. Dry - No fluid column measured in monitoring well
11. -- - No analytical data reported for corresponding date
12. P&A - Plugged and Abandoned
13. The NMWQCC Human Health Standard for benzene listed at the top of the table is from NMAC 20.6.2.3103 and became effective on December 21, 2018.
14. The NMWQCC Human Health Standard for toluene listed at the top of the table is from NMAC 20.6.2.3103 and became effective on December 21, 2018.
15. The NMWQCC Human Health Standard for ethylbenzene listed at the top of the table is from NMAC 20.6.2.3103 and became effective on December 21, 2018.

Table 3

Summary of Groundwater PAH Compound Analytical Results
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	Pyrene	Phenanthrene	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-1A	12/3/08		<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-1A	12/1/09		<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	**0.000974**	<0.000183	<0.000183
MW-1A	11/20/14		<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.00195	<0.000195
P&A																					
MW-1R	11/3/20		<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-1R	11/12/21		<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-2	12/3/08		<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-2	12/1/09		<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
P&A																					
MW-2R	11/3/20		<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-2R	11/12/21		<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-3	12/3/08		<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-3	12/1/09		<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-3R	12/3/15		<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199
MW-3R	11/4/16		<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	12/3/08		<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	0.000209	<0.000183	<0.000183	<0.000183	<0.000183
MW-4	12/1/09		<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
P&A																					
MW-4R	11/30/17		<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000191	<0.000382	<0.000191	<0.000191
MW-4R	11/28/18		<0.0000140	<0.0000100	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000284 B J**	<0.0000157	<0.00000850	<0.0000148	<0.00000820	<0.0000117	**0.0000987 B J**	<0.00000821	<0.00000902
MW-5	12/3/08		<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-5	12/1/09		<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
P&A																					
MW-5R	11/3/20		<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-5R	11/12/21		<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-6	12/3/08		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.000285**	<0.000183	<0.000183	<0.000183	**0.000391**	<0.000183	<0.000183	<0.000183	<0.000183
MW-6	12/1/09		<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-6	12/1/11		<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-7	12/3/08		<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-7	12/1/09		<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
P&A																					
MW-7R	11/3/20		<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-7R	11/12/21		<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-8	12/3/08		<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	**0.00451**	<0.000192	**0.00604**	<0.000192	**0.00597**	<0.000192	**0.00205**	**0.0108**	**0.00967**
MW-8	12/1/09		<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.00402**	<0.000917	**0.0617**	<0.000917	**0.00241**	<0.000917	<0.000917	<0.000917	<0.000917
P&A																					
MW-8R	11/30/17		<0.000190	**0.000190**	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	**0.000789**	<0.000190	**0.000323**	<0.000190	**0.000540**	<0.000190	**0.0108**	---	---
MW-8R	11/28/18		**0.000147**	**0.000210**	<0.0000120	<0.00000410	<0.0000116	**0.00000390 J**	<0.00000227	<0.0000136	**0.0000108 J**	<0.00000396	**0.00207**	<0.0000157	**0.00151**	<0.0000148	**0.00166**	<0.0000117	**0.0311**	**0.0245**	**0.0249**
MW-8R	10/25/19		**0.0000497 J**	**0.000113**	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.000473**	<0.0000157	**0.000349**	<0.0000148	**0.000535**	**0.0000117 J**	**0.00112**	**0.00106**	**0.000356**
MW-8R	11/3/20		<0.0000190	**0.0000311 J**	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.0000160	**0.000231**	<0.0000270	**0.0000834**	<0.0000158	<0.0000180	<0.0000169	**0.000106 J**	<0.0000687	<0.0000674
MW-9	12/3/08		<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-9	12/1/09		<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
P&A																					

Table 3

Summary of Groundwater PAH Compound Analytical Results
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

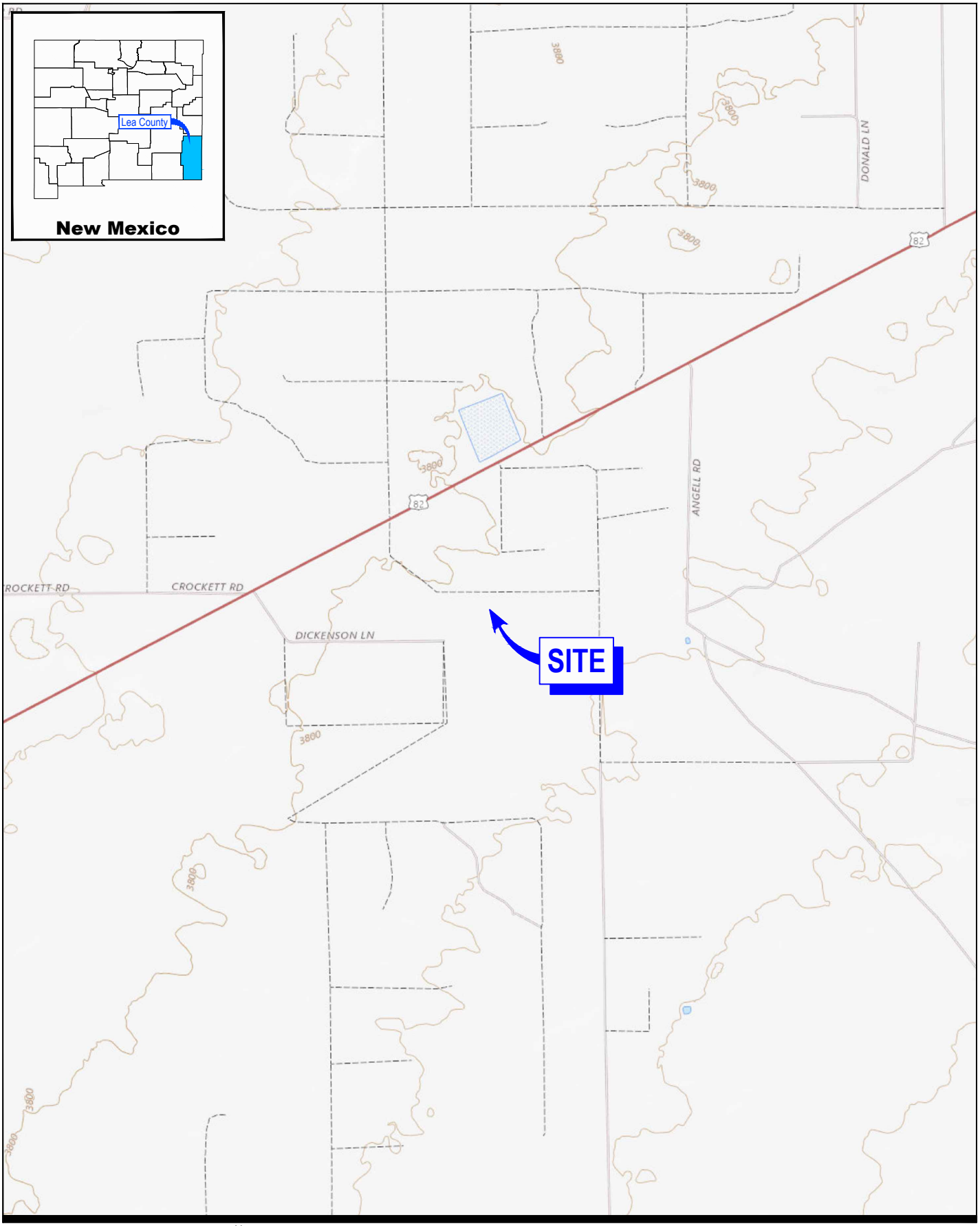
Monitoring Well ID	Sample Date	Sample Type	Anthracene	Acenaphthene	Acenaphthylene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Pyrene	Phenanthrene	Naphthalene	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-10	12/3/08		<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-10	12/1/09		<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
P&A																					
MW-10R	11/30/17		<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000378	<0.000189	<0.000189
MW-10R	11/28/18		**0.0000152 J**	<0.0000100	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000540 B J**	<0.0000157	<0.00000850	<0.0000148	**0.0000185 J**	<0.0000117	**0.000157 B J**	<0.00000821	<0.00000902
MW-11	12/3/08		<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-11	12/1/09		<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
P&A																					
MW-11R	11/3/20		<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	11/12/21		<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-12	12/3/08		<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-12	12/1/09		<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
P&A																					
MW-12R	11/20/14		<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199
MW-12R	12/3/15		<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199
MW-12R	11/28/18		<0.0000140	**0.0000496 J**	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.000426**	<0.0000157	<0.00000850	<0.0000148	**0.0000646**	<0.0000117	**0.000143 B J**	**0.0000292 J**	**0.0000282 J**
MW-13	12/3/08		<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-13	12/1/09		<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201	<0.000201
P&A																					
MW-13R	11/3/20		<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-13R	11/12/21		<0.0000190	**0.000109**	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.0000160	**0.000598**	<0.0000270	<0.0000169	<0.0000158	**0.000215**	<0.0000169	**0.000205 J**	**0.00069**	**0.0000798 J**
MW-14	12/3/08		<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-14	12/1/09		<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	12/3/08		<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	12/2/09		<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-16	12/3/08		<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-16	12/1/09		<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-17	11/30/17		<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000373	**0.000304**	**0.000524**
MW-17	11/28/18		<0.0000280	<0.0000200	<0.0000240	<0.00000820	<0.0000232	<0.00000424	<0.00000454	<0.0000272	<0.0000216	<0.00000792	**0.0000407 J**	<0.0000314	<0.0000170	<0.0000296	<0.0000164	<0.0000234	**0.000202 B J**	**0.0000304 J**	<0.0000180
MW-18	11/3/20		<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-18	11/12/21		<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
RW-1	12/3/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00414**	<0.000184	**0.00669**	<0.000184	**0.0084**	<0.000184	**0.0278**	**0.0518**	**0.0478**
P&A																					
RW-2	12/3/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.0115**	<0.000184	**0.019**	<0.000184	**0.0227**	<0.000184	**0.0656**	**0.166**	**0.153**
RW-2	12/2/09		<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	**0.145**	<0.00461	**0.248**	<0.00461	**0.336**	<0.00461	**0.808**	**2.17**	**3.02**
P&A																					
RW-5	12/3/08		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00133**	<0.000183	**0.00148**	<0.000183	0.000841	<0.000183	**0.0254**	**0.0160**	**0.0144**
RW-5	12/2/09		<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	**0.000674**	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	**0.00763**	**0.00624**	**0.00263**
RW-5	12/7/12		<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	**0.00171**	<0.000190	<0.000190	<0.000190	0.00213	<0.000190	**0.013**	**0.0137**	**0.00994**
P&A																					
RW-5R	11/30/17		<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	<0.000366	---	---
RW-5R	11/28/18		**0.0000170 J**	**0.000197**	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00163**	<0.0000157	**0.0000252 J**	<0.0000148	**0.00112**	<0.0000117	**0.000329 B**	**0.000480**	**0.0000800 J**
RW-5R	11/3/20		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.0000160	**0.0000251 J**	<0.0000270	<0.0000169	<0.0000158	<0.0000180	<0.0000169	<0.0000917	<0.0000687	<0.0000674
RW-5R	11/12/21		<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	<0.000366	<0.0000687	<0.0000674

Table 3

Summary of Groundwater PAH Compound Analytical Results
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS 2001-10876
Lea County, New Mexico
NMOCD Incident No: nAPP2108856592

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	Pyrene	Phenanthrene	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		
RW-6	12/2/09		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00257**	<0.000183	**0.00340**	<0.000183	**0.00476**	<0.000183	**0.0382**	**0.0445**	**0.0553**
RW-6	11/23/10		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00378**	<0.000183	**0.00513**	<0.000183	<0.000183	<0.000183	**0.0486**	**0.0529**	**0.0633**
RW-6	12/1/11		<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																					
RW-7	12/3/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.0118**	<0.000184	**0.0179**	<0.000184	**0.0232**	<0.000184	**0.0942**	**0.172**	**0.158**
RW-7	12/2/09		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.0240**	<0.000183	**0.0400**	<0.000183	**0.0570**	<0.000183	**0.172**	**0.408**	**0.506**
RW-7	11/30/17		**0.00140**	**0.00185**	**0.000956**	**0.00311**	**0.00124**	<0.000187	<0.000187	<0.000187	**0.00254**	<0.000187	**0.00258**	**0.000846**	**0.00505**	<0.000187	**0.0112**	**0.000932**	**0.00324**	**0.00775**	**0.00136**
RW-7	11/28/18		<0.0000420	**0.000841**	<0.0000360	**0.00204**	<0.0000348	**0.000420**	**0.000333**	<0.0000408	**0.000939**	<0.0000119	**0.00115**	<0.0000471	**0.00239**	<0.0000444	**0.00557**	**0.00183**	**0.00165**	**0.00310**	**0.00270**
Dry																					
RW-8	12/3/08		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00891**	<0.000183	**0.0128**	<0.000183	**0.0164**	<0.000183	**0.0496**	**0.115**	**0.106**
RW-8	12/2/09		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00772**	<0.000183	**0.0106**	<0.000183	**0.0145**	<0.000183	**0.0534**	**0.102**	**0.128**
P&A																					
RW-9	12/3/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00642**	<0.000184	**0.00907**	<0.000184	**0.0112**	<0.000184	**0.0574**	**0.0859**	**0.0791**
RW-9	12/2/09		<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0320**	<0.000917	**0.0488**	<0.000917	**0.0679**	<0.000917	**0.215**	**0.473**	**0.625**
LNAPL																					
RW-10	12/3/08		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.0193**	<0.000183	**0.0265**	<0.000183	**0.0346**	<0.000183	**0.121**	**0.279**	**0.257**
P&A																					
RW-11	12/3/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00494**	<0.000184	**0.0076**	<0.000184	**0.0093**	<0.000184	**0.053**	**0.066**	**0.0609**
LNAPL																					
RW-12	12/3/08		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.0143**	<0.000183	**0.0193**	<0.000183	**0.0242**	<0.000183	**0.11**	**0.198**	**0.182**
RW-12	12/2/09		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.0081**	<0.000184	**0.0127**	<0.000184	**0.0182**	<0.000184	**0.049**	**0.112**	**0.141**
P&A																					
RW-13	12/3/08		<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00409**	<0.000184	**0.0131**	<0.000184	**0.0187**	<0.000184	**0.0234**	<0.000184	**0.0608**	**0.139**	**0.128**
RW-13	12/2/09		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.000891**	<0.000183	**0.0013**	<0.000183	**0.00156**	<0.000183	**0.00094**	**0.00489**	**0.00337**
RW-13	11/30/17		**0.00299**	**0.00345**	**0.00227**	**0.00573**	**0.000502**	**0.000718**	**0.000692**	**0.000996**	**0.00396**	**0.000279**	**0.00792**	**0.00179**	**0.0115**	**0.000277**	**0.0205**	**0.00262**	**0.00741**	**0.0303**	**0.00513**
Dry																					
RW-14	11/20/14		<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
RW-14	12/3/15		<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
RW-15	11/20/14		<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190
RW-15	12/3/15		<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.00098**	<0.000200	**0.00103**	<0.000200	**0.000442**	<0.000200	**0.00952**	**0.0111**	**0.00569**
RW-15	11/4/16		<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
RW-15	11/30/17		<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	<0.000366	<0.000183	<0.000183
RW-19	11/3/20		<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
RW-19	11/12/21		<0.0000190	<0.0000190	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.0000160	**0.0000372 J**	<0.0000270	**0.0000203 J**	<0.0000158	**0.00014**	<0.0000169	<0.0000180	**0.0000757 J**	<0.0000674

Notes:
1. Sample results listed prior to March 2011 were collected and reported by NOVA.
2. Polycyclic Aromatic Hydrocarbons (PAH) analysis by Environmental Protection Agency (EPA) Method SW846-8270C-SIM.
3. All reported concentrations are reported as milligrams per Liter (mg/L).
4. Bold font indicates laboratory detection.
5. Yellow shaded cells indicate results exceeding NMWQCC Human Health Standards.
6. Green shaded cells indicate results meeting NMWQCC regulatory requirement of 2 consecutive years of PAH compounds below the Human Health Standards.
7. < - Not detected above the Sample Detection Limit
8. J - Denotes an estimated concentration detected above the Sample Detection Limit and below the Method Quantitation Limit
9. NMWQCC Human Health Standard for combined naphthalene + 1-methylnaphthalene + 2-methylnaphthalene is 0.003 mg/L per NMAC 20.6.2.3103 A.(1)(jj).



0 1000 2000 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 #4
NMOCD AP-007

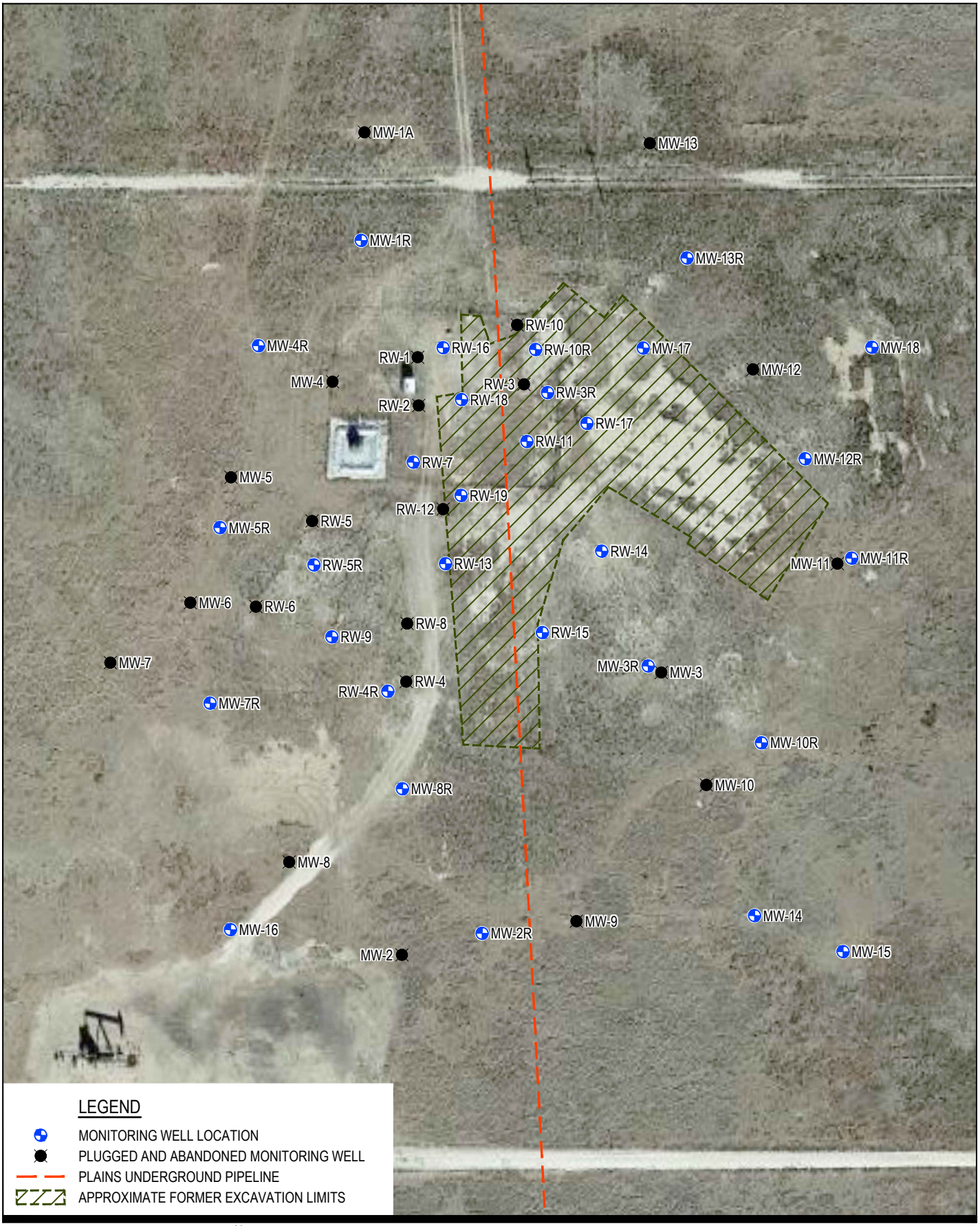
Project No. **12604524**
Date **February 2024**

SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2023\12604524 GHD 00-00 RPT EN D101_DL 2023.dwg
Plot Date: 12 February 2024 8:31 AM

Data Source: USGS 7.5 Minute Quad "Prairieview, New Mexico"
Lat/Long: 33.0264° North, 103.1667° West



0 50 100 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 #4
NMOCD AP-007

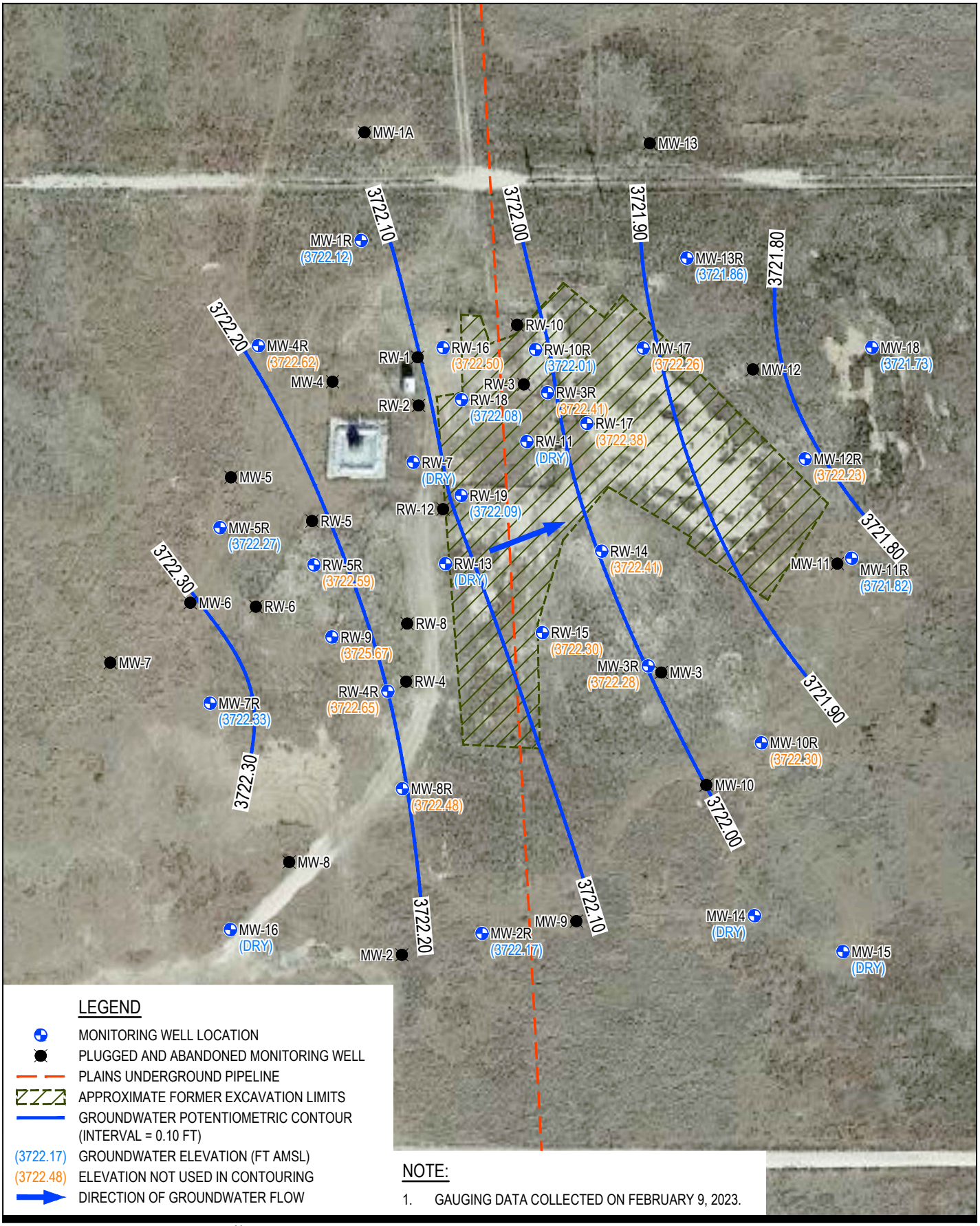
Project No. **12604524**
Date **February 2024**

SITE DETAILS MAP

FIGURE 2

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2023\12604524 GHD 00-00 RPT EN D101_DL 2023.dwg
Plot Date: 12 February 2024 8:30 AM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0264° North, 103.1667° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- PLAINS UNDERGROUND PIPELINE
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.10 FT)
- (3722.17) GROUNDWATER ELEVATION (FT AMSL)
- (3722.48) ELEVATION NOT USED IN CONTOURING
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. GAUGING DATA COLLECTED ON FEBRUARY 9, 2023.

0 50 100 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 #4
NMOCD AP-007

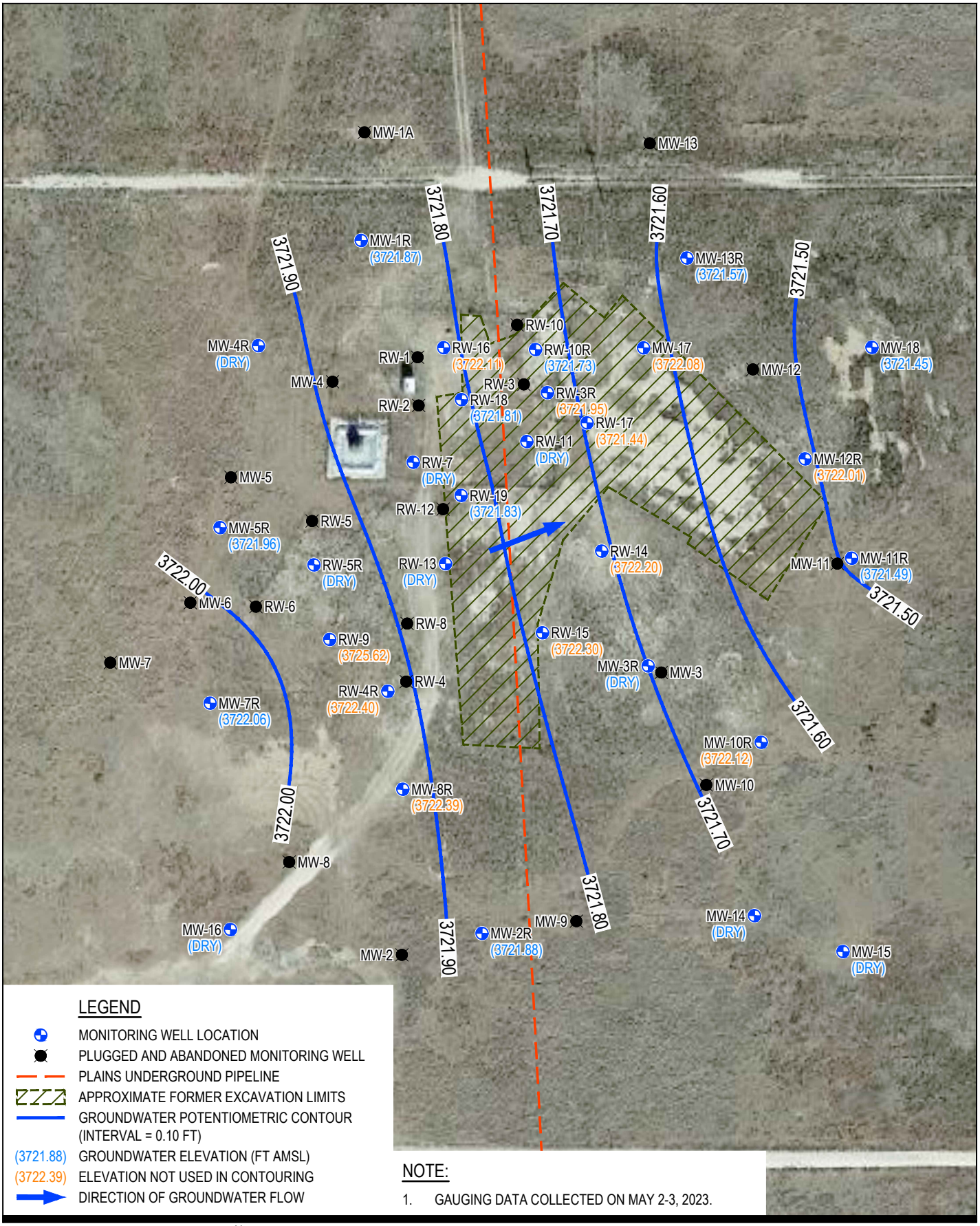
POTENTIOMETRIC SURFACE MAP
(FEBRUARY 2023)

Project No. **12604524**
Date **May 2024**

FIGURE 3

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2023\12604524 GHD 00-00 RPT EN D101_DL 2023.dwg
Plot Date: 13 May 2024 2:52 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0264° North, 103.1667° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- PLAINS UNDERGROUND PIPELINE
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.10 FT)
- (3721.88) GROUNDWATER ELEVATION (FT AMSL)
- (3722.39) ELEVATION NOT USED IN CONTOURING
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. GAUGING DATA COLLECTED ON MAY 2-3, 2023.

0 50 100 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 #4
NMOCD AP-007

POTENTIOMETRIC SURFACE MAP
(MAY 2023)

Project No. **12604524**
Date **May 2024**

FIGURE 4

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2023\12604524 GHD 00-00 RPT EN D102_DL 2023.dwg
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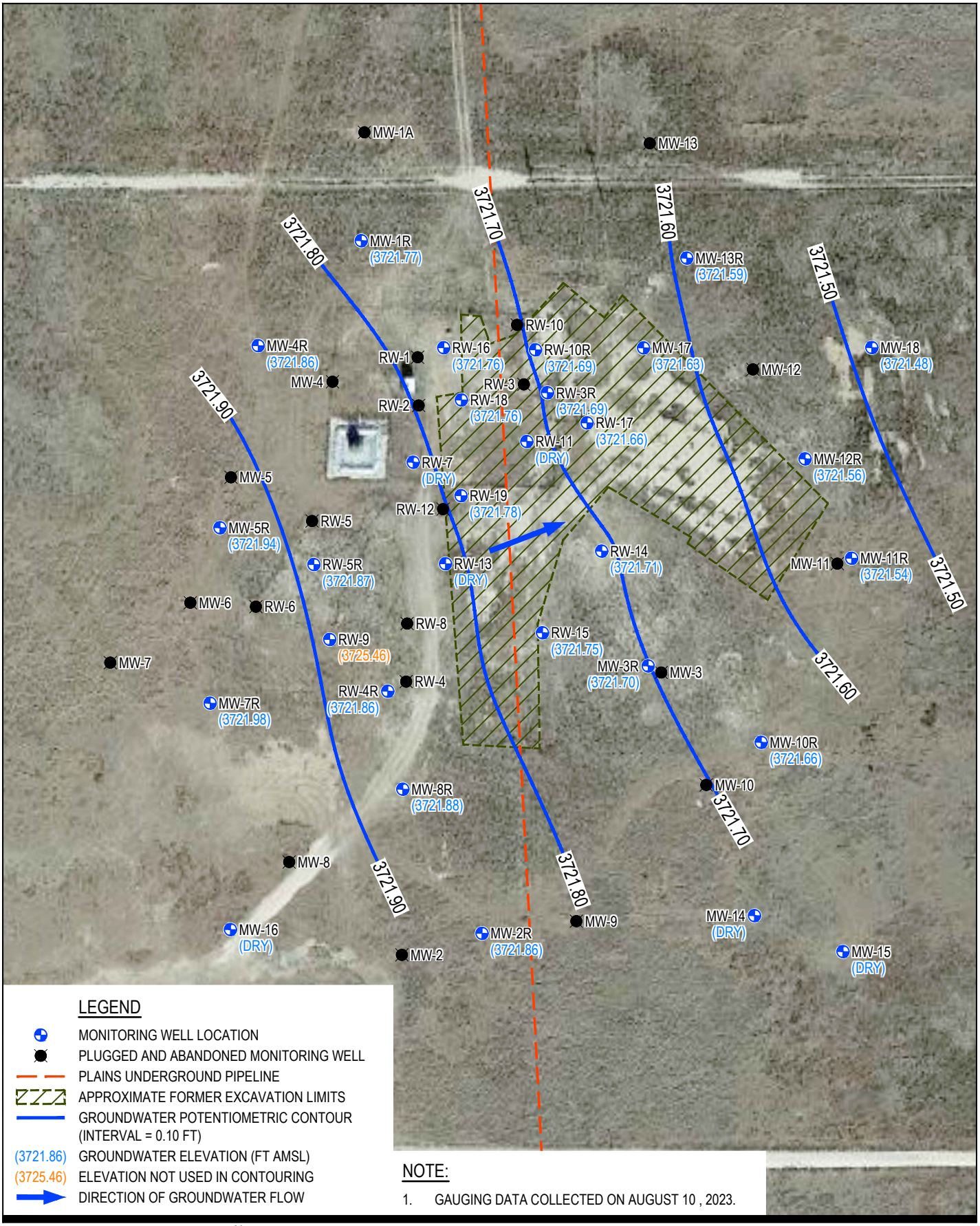
Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0264° North, 103.1667° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- PLAINS UNDERGROUND PIPELINE
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.10 FT)
- (3721.86) GROUNDWATER ELEVATION (FT AMSL)
- (3725.46) ELEVATION NOT USED IN CONTOURING
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. GAUGING DATA COLLECTED ON AUGUST 10 , 2023.

0 50 100 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 #4
NMOCD AP-007

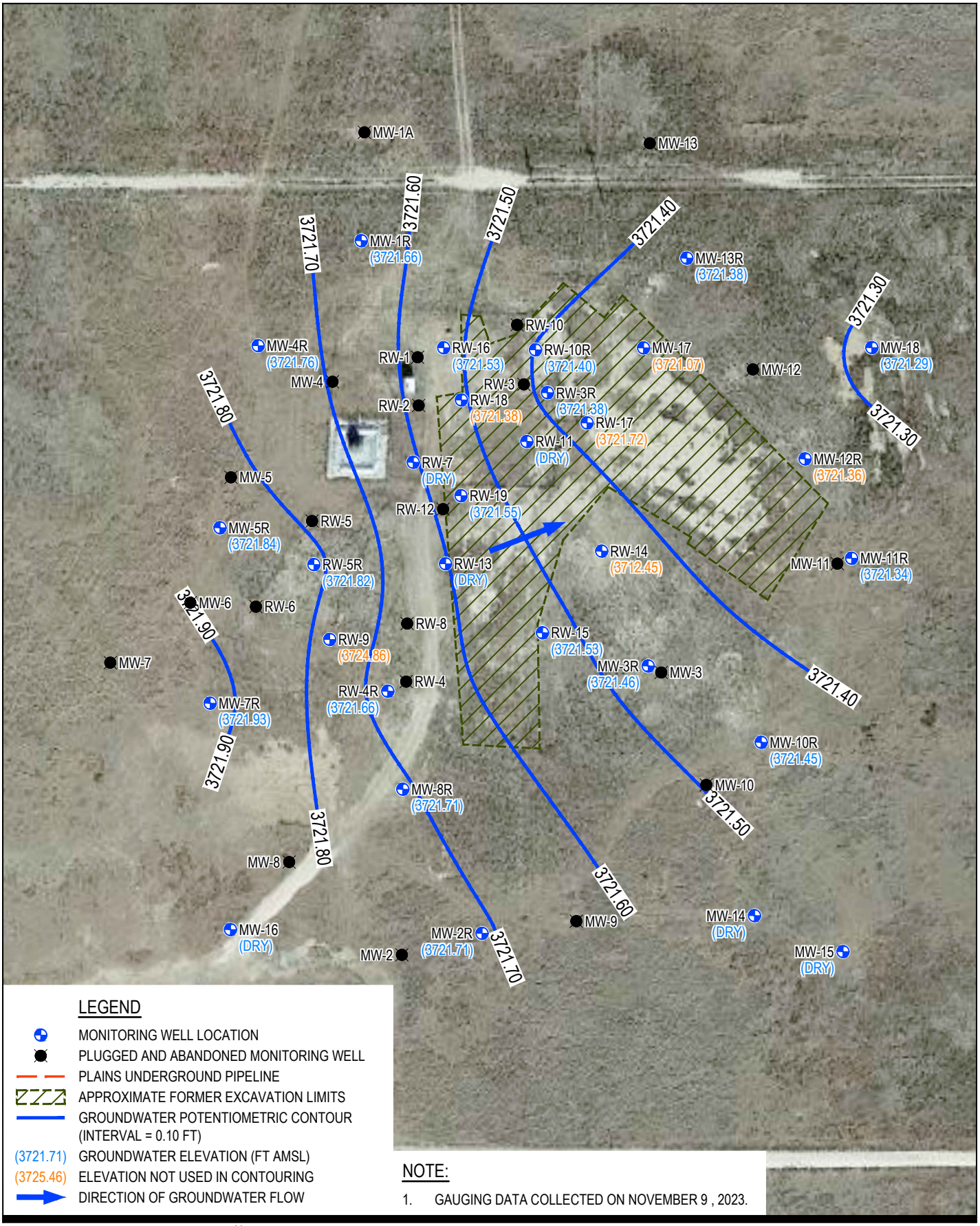
POTENTIOMETRIC SURFACE MAP
(AUGUST 2023)

Project No. **12604524**
Date **March 2024**

FIGURE 5

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2023\12604524 GHD 00-00 RPT EN D103_DL 2023.dwg
Plot Date: 04 March 2024 7:34 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0264° North, 103.1667° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- PLAINS UNDERGROUND PIPELINE
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.10 FT)
- (3721.71) GROUNDWATER ELEVATION (FT AMSL)
- (3725.46) ELEVATION NOT USED IN CONTOURING
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. GAUGING DATA COLLECTED ON NOVEMBER 9 , 2023.

0 50 100 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 #4
NMOCD AP-007

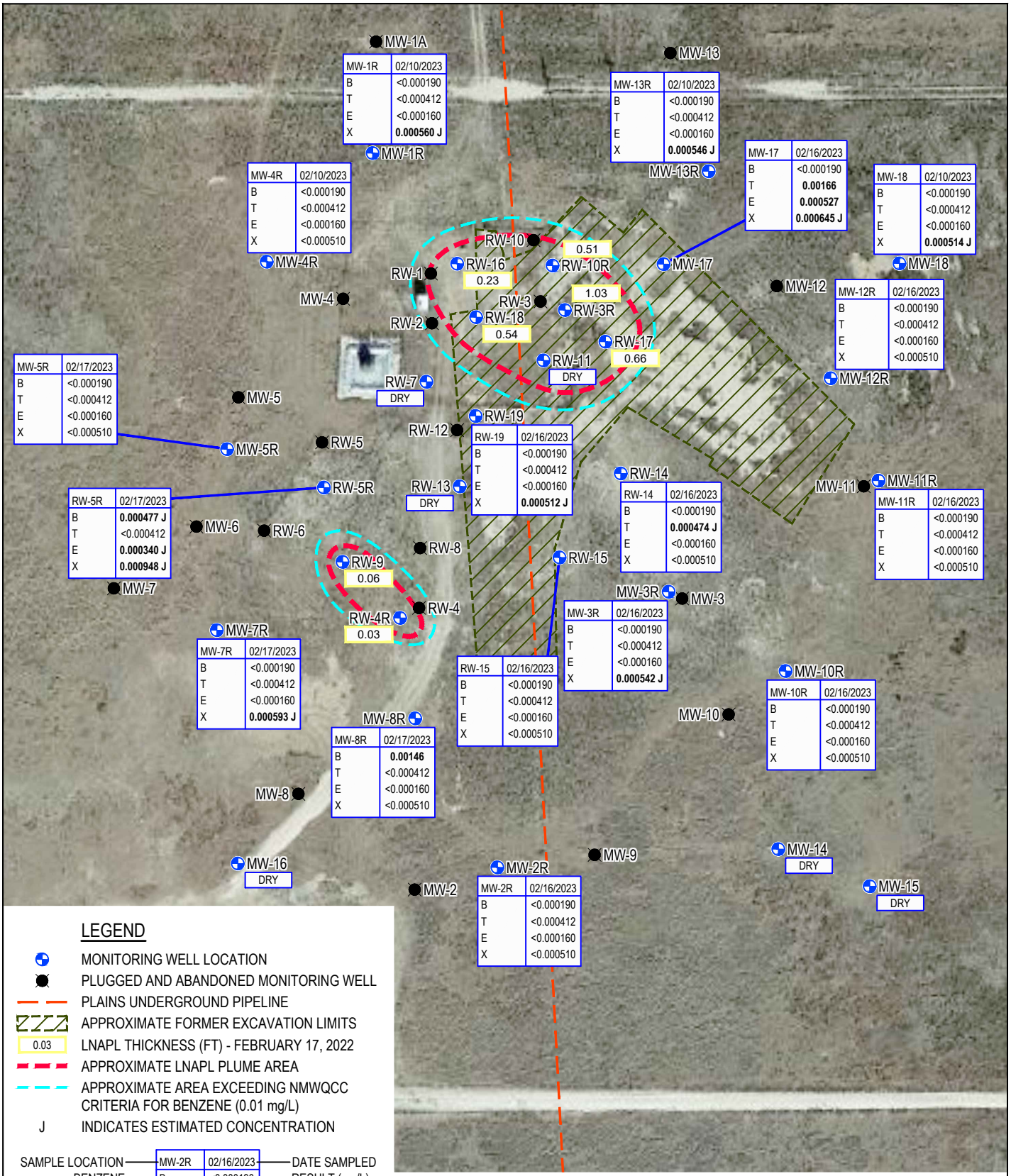
POTENTIOMETRIC SURFACE MAP
(NOVEMBER 2023)

Project No. **12604524**
Date **March 2024**

FIGURE 6

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2023\12604524 GHD 00-00 RPT EN D104_DL 2023.dwg
Plot Date: 04 March 2024 7:26 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0264° North, 103.1667° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- PLAINS UNDERGROUND PIPELINE
- APPROXIMATE FORMER EXCAVATION LIMITS
- 0.03 LNAPL THICKNESS (FT) - FEBRUARY 17, 2022
- APPROXIMATE LNAPL PLUME AREA
- APPROXIMATE AREA EXCEEDING NMWQCC CRITERIA FOR BENZENE (0.01 mg/L)
- J INDICATES ESTIMATED CONCENTRATION

SAMPLE LOCATION	MW-2R	02/16/2023	DATE SAMPLED
BENZENE	B	<0.000190	RESULT (mg/L)
TOLUENE	T	<0.000412	
ETHYLBENZENE	E	<0.000160	
XYLENES	X	<0.000510	

NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON FEBRUARY 10, 16, AND 17, 2023.
2. BOLD INDICATES LABORATORY DETECTION.

0 50 100 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 #4
NMOCD AP-007

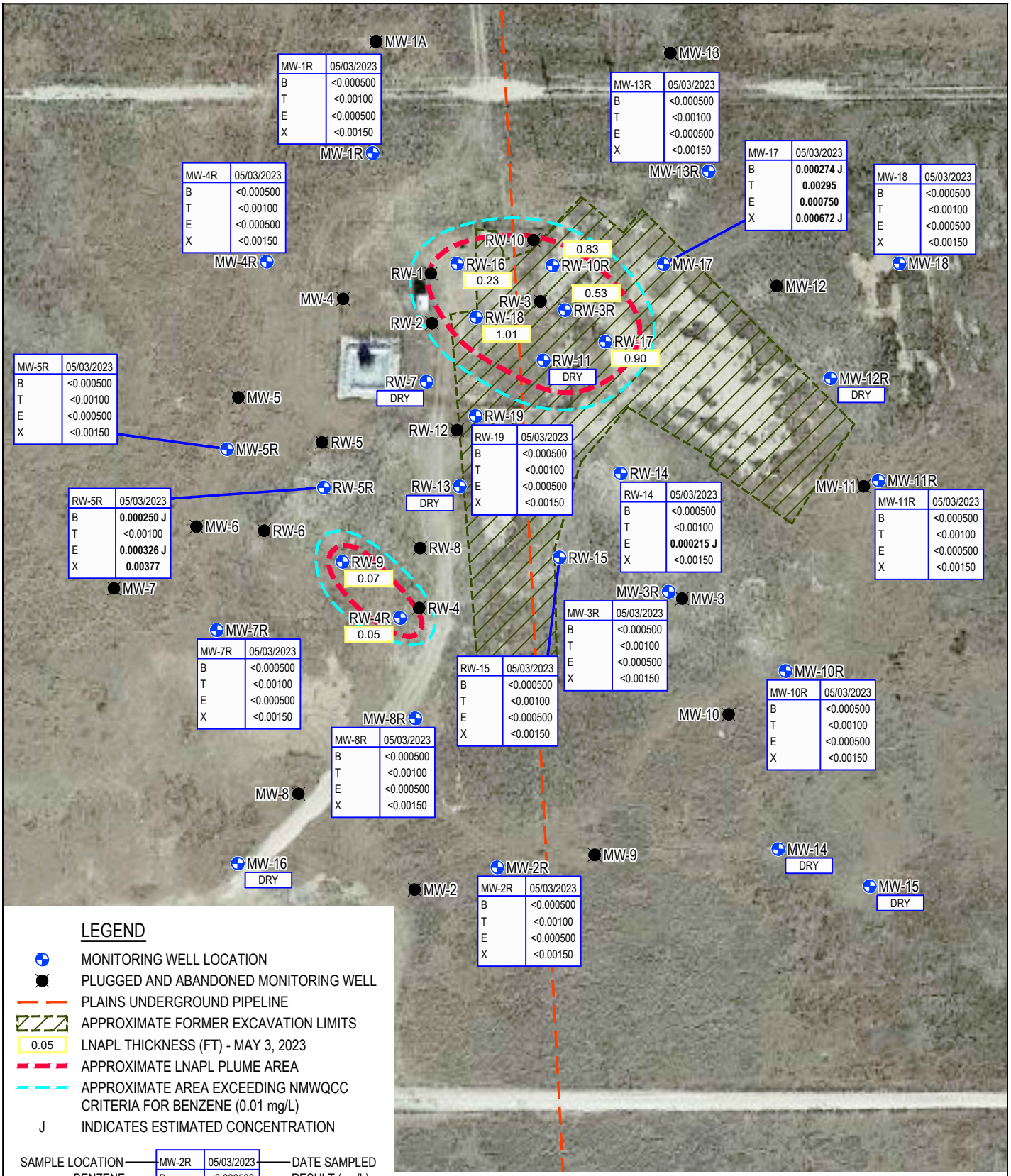
COC CONCENTRATIONS IN GROUNDWATER MAP (FEBRUARY 2023)

Project No. **12604524**
Date **February 2024**

FIGURE 7

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2023\12604524 GHD 00-00 RPT EN D101_DL 2023.dwg
Plot Date: 22 February 2024 5:26 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0264° North, 103.1667° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- PLAINS UNDERGROUND PIPELINE
- APPROXIMATE FORMER EXCAVATION LIMITS
- 0.05 LNAPL THICKNESS (FT) - MAY 3, 2023
- APPROXIMATE LNAPL PLUME AREA
- APPROXIMATE AREA EXCEEDING NMWQCC CRITERIA FOR BENZENE (0.01 mg/L)
- J INDICATES ESTIMATED CONCENTRATION

SAMPLE LOCATION — MW-2R | 05/03/2023 — 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 MAY 3, 2023.
2. BOLD INDICATES LABORATORY DETECTION.

0 50 100 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 #4
NMOCD AP-007

COC CONCENTRATIONS IN GROUNDWATER MAP (MAY 2023)

Project No. **12604524**
Date **February 2024**

FIGURE 8

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2023\12604524 GHD 00-00 RPT EN D102_DL 2023.dwg
Plot Date: 22 February 2024 5:25 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
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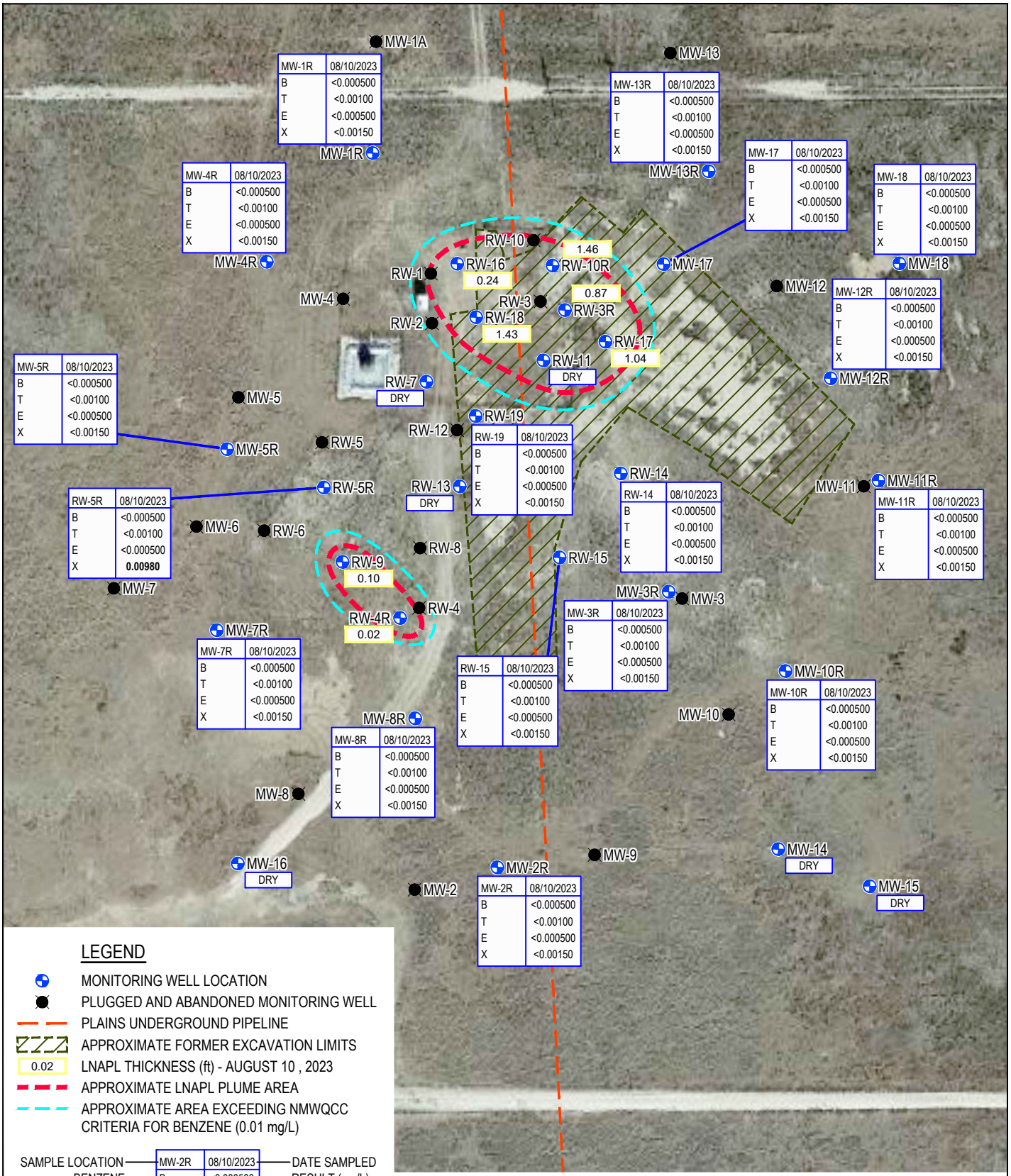

LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- PLAINS UNDERGROUND PIPELINE
- APPROXIMATE FORMER EXCAVATION LIMITS
- 0.02 — LNAPL THICKNESS (ft) - AUGUST 10 , 2023
- APPROXIMATE LNAPL PLUME AREA
- APPROXIMATE AREA EXCEEDING NMWQCC CRITERIA FOR BENZENE (0.01 mg/L)

SAMPLE LOCATION	MW-2R	08/10/2023	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 10 , 2023.
2. BOLD INDICATES LABORATORY DETECTION.

0 50 100 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 #4
NMOCD AP-007

COC CONCENTRATIONS IN GROUNDWATER MAP (AUGUST 2023)

Project No. **12604524**
Date **February 2024**

FIGURE 9

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2023\12604524 GHD 00-00 RPT EN D103_DL 2023.dwg
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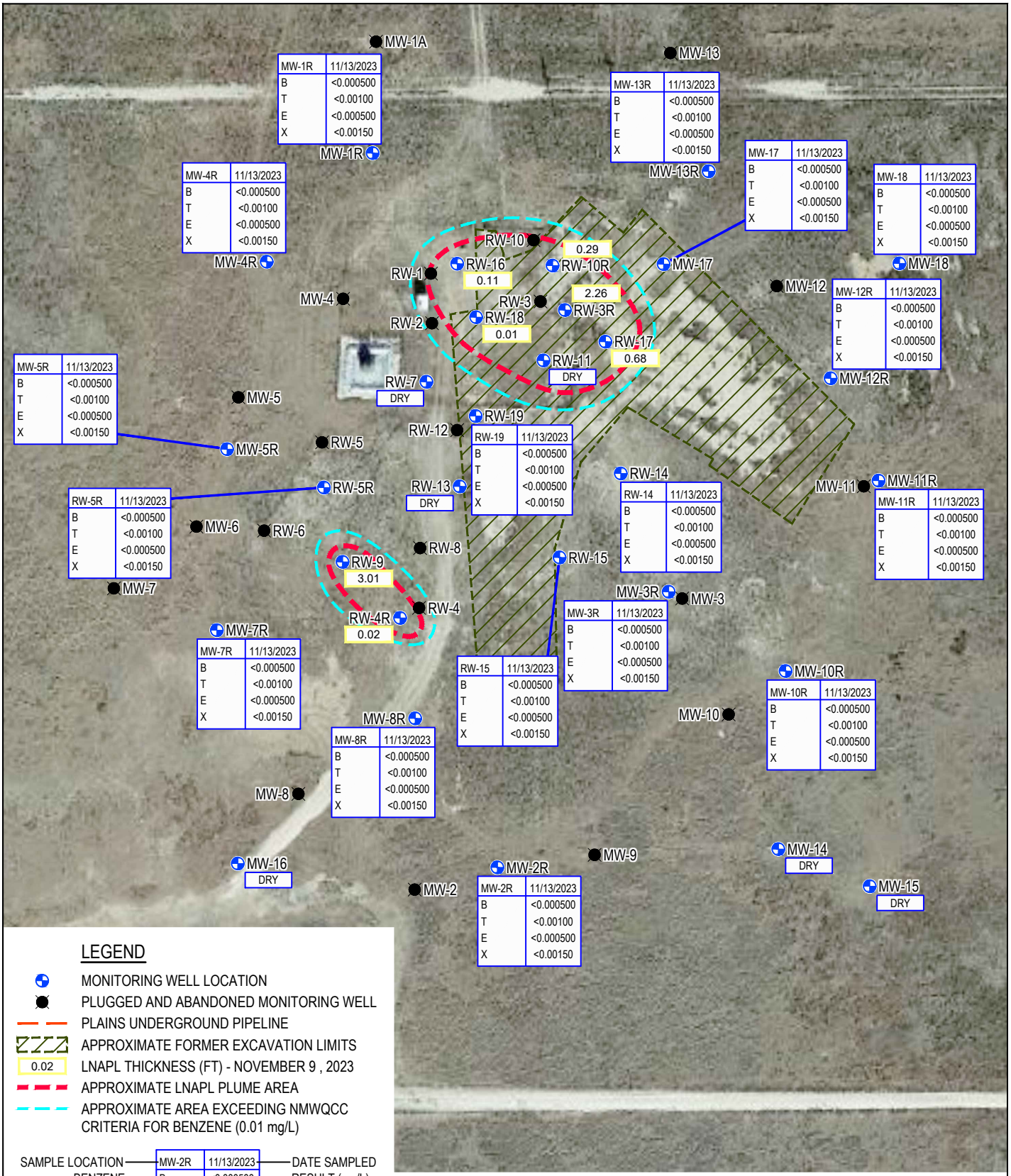


PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #4
NMOCD AP-007

COC CONCENTRATIONS IN GROUNDWATER MAP (NOVEMBER 2023)

Project No. **12604524**
Date **February 2024**

FIGURE 10

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2023\12604524 GHD 00-00 RPT EN D104_DL 2023.dwg
Plot Date: 22 February 2024 5:23 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0264° North, 103.1667° West

Appendices

Appendix A

Release Notification and Corrective Action, Form C-141

1 [illegible] Print
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: LOTTEnergy 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

May 24, 2023

Revised Report

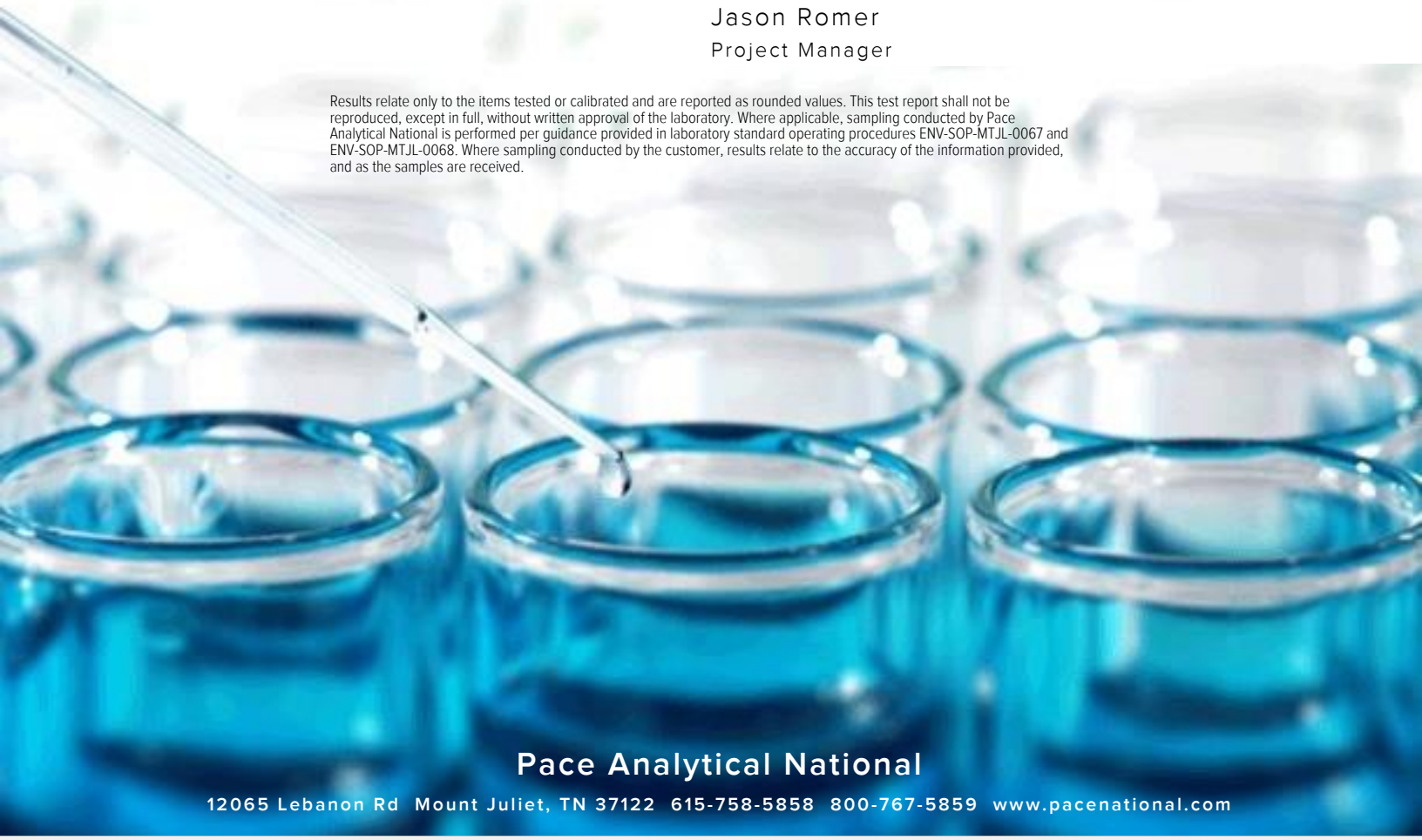
Plains All American, LP - GHD

Sample Delivery Group:	L1587262
Samples Received:	02/18/2023
Project Number:	SSRS #2001-10876
Description:	Plains/Darr Angell No. 4
Site:	SRS #2001-10876
Report To:	John Fergerson 2135 S Loop 250 W Midland, TX 79703

Entire Report Reviewed By:

Jason Romer
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

D4-MW-1R-021023 L1587262-01 GW

Collected by: ES, JC | Collected date/time: 02/10/23 12:50 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 03:12	02/20/23 03:12	BJO	Mt. Juliet, TN

D4-MW-4R-021023 L1587262-02 GW

Collected by: ES, JC | Collected date/time: 02/10/23 12:40 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 03:34	02/20/23 03:34	BJO	Mt. Juliet, TN

D4-MW-13R-021023 L1587262-03 GW

Collected by: ES, JC | Collected date/time: 02/10/23 13:30 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 09:06	02/20/23 09:06	BJO	Mt. Juliet, TN

D4-MW-18-021023 L1587262-04 GW

Collected by: ES, JC | Collected date/time: 02/10/23 13:40 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 09:28	02/20/23 09:28	BJO	Mt. Juliet, TN

D4-MW-2R-021623 L1587262-05 GW

Collected by: ES, JC | Collected date/time: 02/16/23 11:45 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 10:03	02/20/23 10:03	BJO	Mt. Juliet, TN

D4-MW-10R-021623 L1587262-06 GW

Collected by: ES, JC | Collected date/time: 02/16/23 12:00 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 10:43	02/20/23 10:43	BJO	Mt. Juliet, TN

D4-MW-11R-021623 L1587262-07 GW

Collected by: ES, JC | Collected date/time: 02/16/23 12:30 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 11:05	02/20/23 11:05	BJO	Mt. Juliet, TN

D4-MW-12R-021623 L1587262-08 GW

Collected by: ES, JC | Collected date/time: 02/16/23 12:45 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 11:27	02/20/23 11:27	BJO	Mt. Juliet, TN

D4-MW-17-021623 L1587262-09 GW

Collected by: ES, JC | Collected date/time: 02/16/23 13:00 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 11:49	02/20/23 11:49	BJO	Mt. Juliet, TN

D4-RW-14-021623 L1587262-10 GW

Collected by: ES, JC | Collected date/time: 02/16/23 14:15 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 12:11	02/20/23 12:11	BJO	Mt. Juliet, TN

D4-DUP-2-021623 L1587262-11 GW

Collected by: ES, JC | Collected date/time: 02/16/23 00:00 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 12:33	02/20/23 12:33	BJO	Mt. Juliet, TN

D4-MW-3R-021623 L1587262-12 GW

Collected by: ES, JC | Collected date/time: 02/16/23 14:30 | Received date/time: 02/18/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2008974	1	02/20/23 12:55	02/20/23 12:55	BJO	Mt. Juliet, TN

D4-RW-15-021623 L1587262-13 GW

Collected by: ES, JC | Collected date/time: 02/16/23 14:45 | Received date/time: 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 23:37	02/20/23 23:37	KSD	Mt. Juliet, TN

D4-RW-19-021623 L1587262-14 GW

Collected by: ES, JC | Collected date/time: 02/16/23 15:30 | Received date/time: 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 23:59	02/20/23 23:59	KSD	Mt. Juliet, TN

TRIP BLANK L1587262-15 GW

Collected by: ES, JC | Collected date/time: 02/16/23 00:00 | Received date/time: 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 22:00	02/20/23 22:00	KSD	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.

Jason Romer
Project Manager

Report Revision History

Level II Report - Version 1: 02/23/23 13:45

Project Narrative

Updated reporting style

D4-MW-IR-021023
Collected date/time: 02/10/23 12:50
L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	02/20/2023 03:12	WG2008974
Toluene	U		0.000412	0.00100	1	02/20/2023 03:12	WG2008974
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 03:12	WG2008974
Total Xylene	0.000560	B J	0.000510	0.00150	1	02/20/2023 03:12	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*101*			*79.0-125*		*02/20/2023 03:12*	WG2008974

D4-MW-4R-021023
Collected date/time: 02/10/23 12:40
L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	02/20/2023 03:34	WG2008974
Toluene	U		0.000412	0.00100	1	02/20/2023 03:34	WG2008974
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 03:34	WG2008974
Total Xylene	U		0.000510	0.00150	1	02/20/2023 03:34	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*101*			*79.0-125*		*02/20/2023 03:34*	WG2008974

D4-MW-ISR-021023
Collected date/time: 02/10/23 13:30
L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	02/20/2023 09:06	WG2008974
Toluene	U		0.000412	0.00100	1	02/20/2023 09:06	WG2008974
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 09:06	WG2008974
Total Xylene	0.000546	B J	0.000510	0.00150	1	02/20/2023 09:06	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*100*			*79.0-125*		*02/20/2023 09:06*	WG2008974

D4-MW-18-021023
Collected date/time: 02/10/23 13:40
L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	02/20/2023 09:28	WG2008974
Toluene	U		0.000412	0.00100	1	02/20/2023 09:28	WG2008974
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 09:28	WG2008974
Total Xylene	0.000514	B J	0.000510	0.00150	1	02/20/2023 09:28	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*101*			*79.0-125*		*02/20/2023 09:28*	WG2008974

D4-MW-2R-021623
Collected date/time: 02/16/23 11:45
L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	02/20/2023 10:03	WG2008974
Toluene	U		0.000412	0.00100	1	02/20/2023 10:03	WG2008974
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 10:03	WG2008974
Total Xylene	U		0.000510	0.00150	1	02/20/2023 10:03	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*102*			*79.0-125*		*02/20/2023 10:03*	WG2008974

D4-MW-10R-021623
Collected date/time: 02/16/23 12:00

L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	02/20/2023 10:43	WG2008974
Toluene	U		0.000412	0.00100	1	02/20/2023 10:43	WG2008974
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 10:43	WG2008974
Total Xylene	U		0.000510	0.00150	1	02/20/2023 10:43	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*101*			*79.0-125*		*02/20/2023 10:43*	WG2008974

D4-MW-TR-021623
Collected date/time: 02/16/23 12:30
L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	02/20/2023 11:05	WG2008974
Toluene	U		0.000412	0.00100	1	02/20/2023 11:05	WG2008974
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 11:05	WG2008974
Total Xylene	U		0.000510	0.00150	1	02/20/2023 11:05	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*100*			*79.0-125*		*02/20/2023 11:05*	WG2008974

D4-MW-12R-021623
Collected date/time: 02/16/23 12:45
L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	02/20/2023 11:27	WG2008974
Toluene	U		0.000412	0.00100	1	02/20/2023 11:27	WG2008974
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 11:27	WG2008974
Total Xylene	U		0.000510	0.00150	1	02/20/2023 11:27	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*101*			*79.0-125*		*02/20/2023 11:27*	WG2008974

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	02/20/2023 11:49	WG2008974
Toluene	0.00166		0.000412	0.00100	1	02/20/2023 11:49	WG2008974
Ethylbenzene	0.000527		0.000160	0.000500	1	02/20/2023 11:49	WG2008974
Total Xylene	0.000645	B J	0.000510	0.00150	1	02/20/2023 11:49	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*109*			*79.0-125*		*02/20/2023 11:49*	WG2008974

D4-RW-14-021623
Collected date/time: 02/16/23 14:15
L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	02/20/2023 12:11	WG2008974
Toluene	0.000474	J	0.000412	0.00100	1	02/20/2023 12:11	WG2008974
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 12:11	WG2008974
Total Xylene	U		0.000510	0.00150	1	02/20/2023 12:11	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*100*			*79.0-125*		*02/20/2023 12:11*	WG2008974

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	02/20/2023 12:33	WG2008974
Toluene	U		0.000412	0.00100	1	02/20/2023 12:33	WG2008974
Ethylbenzene	0.000249	J	0.000160	0.000500	1	02/20/2023 12:33	WG2008974
Total Xylene	0.000555	B J	0.000510	0.00150	1	02/20/2023 12:33	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*100*			*79.0-125*		*02/20/2023 12:33*	WG2008974

D4-MW-3R-021623
Collected date/time: 02/16/23 14:30
L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	02/20/2023 12:55	WG2008974
Toluene	U		0.000412	0.00100	1	02/20/2023 12:55	WG2008974
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 12:55	WG2008974
Total Xylene	0.000542	B J	0.000510	0.00150	1	02/20/2023 12:55	WG2008974
(S) a,a,a-Trifluorotoluene(PID)	*100*			*79.0-125*		*02/20/2023 12:55*	WG2008974

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	02/20/2023 23:37	WG2009602
Toluene	U		0.000412	0.00100	1	02/20/2023 23:37	WG2009602
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 23:37	WG2009602
Total Xylene	U		0.000510	0.00150	1	02/20/2023 23:37	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*98.7*			*79.0-125*		*02/20/2023 23:37*	WG2009602

D4-RW-19-021623
Collected date/time: 02/16/23 15:30

SAMPLE RESULTS - 14

L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	02/20/2023 23:59	WG2009602
Toluene	U		0.000412	0.00100	1	02/20/2023 23:59	WG2009602
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 23:59	WG2009602
Total Xylene	0.000512	J	0.000510	0.00150	1	02/20/2023 23:59	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*98.2*			*79.0-125*		*02/20/2023 23:59*	WG2009602

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

TRIP BLANK
Collected date/time: 02/16/23 00:00
L1587262

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	02/20/2023 22:00	WG2009602
Toluene	U		0.000412	0.00100	1	02/20/2023 22:00	WG2009602
Ethylbenzene	U		0.000160	0.000500	1	02/20/2023 22:00	WG2009602
Total Xylene	U		0.000510	0.00150	1	02/20/2023 22:00	WG2009602
(S) a,a,a-Trifluorotoluene(PID)	*99.2*			*79.0-125*		*02/20/2023 22:00*	WG2009602

Method Blank (MB)

(MB) R3893842-3 02/19/23 22:43

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	0.000546	J	0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*102*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3893842-1 02/19/23 21:16

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0442	88.4	77.0-122	
Toluene	0.0500	0.0482	96.4	80.0-121	
Ethylbenzene	0.0500	0.0497	99.4	80.0-123	
Total Xylene	0.150	0.142	94.7	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*101*	*79.0-125*	

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

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

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:
Attn: Karolanne Hudgens
1106 Griffith Drive
Midland, TX 79705

Pres Chk

Report to: **John Fergerson**

Email To: **John.Fergerson@ghd.com,**

Project Description: Darr Angell #4

City/State Collected: **NM**

Please Circle: PT MT CT ET

Phone: **432-894-7848**

Client Project # **SRS #2001-10876**

Lab Project # **PLAINSGHD-FERGERSON**

Collected by (print): **Erik Seng, Jordan Cheney,**

Site/Facility ID # **SRS #2001-10876**

P.O. # **SRS #2001-10876**

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

No. of Cntrs

Analysis / Container / Preservative

BTEX 8021 40mLAmb-HCL

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	BTEX 8021 40mLAmb-HCL	Remarks	Sample # (lab only)
D4-MW-1R-021023	Grab	GW		2-10-23	1250	3	X		-01
D4-MW-4R-021023	Grab	GW		2-10-23	1240	3	X		-02
D4-MW-13R-021023	Grab	GW		2-10-23	1330	3	X		-03
D4-MW-18-021023	Grab	GW		2-10-23	1340	3	X		-04
D4-MW-2R-021623	Grab	GW		2-16-23	1145	3	X		-05
D4-MW-10R-021623	Grab	GW		2-16-23	1200	3	X		-06
D4-MW-11R-021623	Grab	GW		2-16-23	1230	3	X		-07
D4-MW-12R-021623	Grab	GW		2-16-23	1245	3	X		-08
D4-MW-17-021623	Grab	GW		2-16-23	1300	3	X		-09
D4-RW-14-021623	Grab	GW		2-16-23	1415	3	X		-10

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

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 # L1587242
F079

Acctnum: **PLAINSGHD**
Template: **T223524**
Prelogin: **P977427**
PM: **Brittnie L Boyd**
PB:

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 __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
	2/17/23	1523		3	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: NSA6°C Bottles Received: 0.9 10=0.9 42	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2-18-23 Time: 0900	Hold: Condition: NCF / OK

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

2135 S Loop 250 W
Midland, TX 79703

Billing Information:
Attn: Karolanne Hudgens
1106 Griffith Drive
Midland, TX 79705

Pres Chk

Report to: **John Fergerson**

Email To: **John.Fergerson@ghd.com,**

Project Description: Darr Angell #4

City/State Collected: **NM**

Please Circle: PT MT CT ET

Phone: **432-894-7848**

Client Project # **SRS #2001-10876**

Lab Project # **PLAINSGHD-FERGERSON**

Collected by (print): **Erik Seng, Jordan Cheney,**

Site/Facility ID # **SRS #2001-10876**

P.O. # **SRS #2001-10876**

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

No. of Cntrs

Analysis / Container / Preservative

BTEX 8021 40mLAmb-HCL

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

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 # L1587262

Table #

Acctnum: **PLAINSGHD**

Template: **T223524**

Prelogin: **P977427**

PM: **Brittnie L Boyd**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	BTEX 8021 40mLAmb-HCL	Remarks	Sample # (lab only)
D4-DUP-2-021623	Grab	GW		2-16-23		3	X		-11
D4-MW-3R-021623	Grab	GW		2-16-23	1430	3	X		-12
D4-RW-15-021623	Grab	GW		2-16-23	1445	3	X		-13
D4-RW-19-021623	Grab	GW		2-16-23	1530	3	X		-14
TRIP BLANK						3	X		-15

* 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	
	2/17/23	15:23		3	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.9 °C Bottles Received: 0.9 10=0.9 42	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2-18-23 Time: 0900	Hold: Condition: NCF / OK

ANALYTICAL REPORT

May 24, 2023

Revised Report

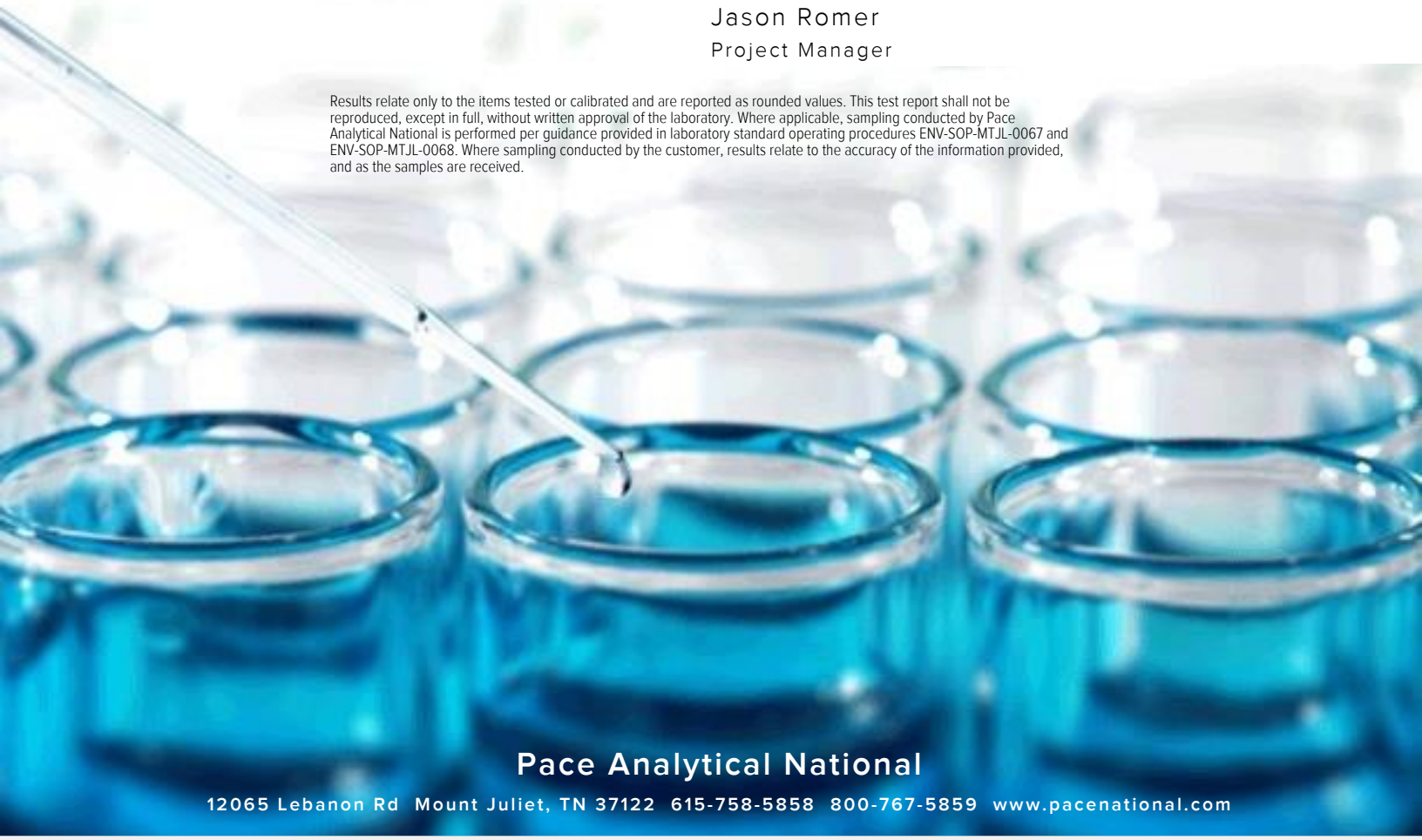
Plains All American, LP - GHD

Sample Delivery Group:	L1587896
Samples Received:	02/21/2023
Project Number:	SSRS #2001-10876
Description:	Plains/Darr Angell No. 4
Site:	SRS #2001-10876
Report To:	John Fergerson 2135 S Loop 250 W Midland, TX 79703

Entire Report Reviewed By:

Jason Romer
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

D4 RW 5R-021723 L1587896-01 GW

Collected by: Hector Orosco | Collected date/time: 02/17/23 12:30 | Received date/time: 02/21/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2011010	1	02/22/23 16:16	02/22/23 16:16	JAH	Mt. Juliet, TN

D4 MW5R-021723 L1587896-02 GW

Collected by: Hector Orosco | Collected date/time: 02/17/23 12:45 | Received date/time: 02/21/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2011010	1	02/22/23 16:42	02/22/23 16:42	JAH	Mt. Juliet, TN

D4 MW 7R-021723 L1587896-03 GW

Collected by: Hector Orosco | Collected date/time: 02/17/23 13:00 | Received date/time: 02/21/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2011010	1	02/22/23 17:09	02/22/23 17:09	JAH	Mt. Juliet, TN

D4-DUP1-021723 L1587896-04 GW

Collected by: Hector Orosco | Collected date/time: 02/17/23 00:00 | Received date/time: 02/21/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2011010	1	02/22/23 17:36	02/22/23 17:36	JAH	Mt. Juliet, TN

D4 MW8R-021723 L1587896-05 GW

Collected by: Hector Orosco | Collected date/time: 02/17/23 13:30 | Received date/time: 02/21/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2011010	1	02/22/23 18:02	02/22/23 18:02	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.

Jason Romer
Project Manager

Report Revision History

Level II Report - Version 1: 02/26/23 23:02

Project Narrative

Updated reporting style

D4 RW-SR-021723
Collected date/time: 02/17/23 12:30
L1587896

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000477	J	0.000190	0.000500	1	02/22/2023 16:16	WG2011010
Toluene	U		0.000412	0.00100	1	02/22/2023 16:16	WG2011010
Ethylbenzene	0.000340	J	0.000160	0.000500	1	02/22/2023 16:16	WG2011010
Total Xylene	0.000948	J	0.000510	0.00150	1	02/22/2023 16:16	WG2011010
(S) a,a,a-Trifluorotoluene(PID)	*107*			*79.0-125*		*02/22/2023 16:16*	WG2011010

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	02/22/2023 16:42	WG2011010
Toluene	U		0.000412	0.00100	1	02/22/2023 16:42	WG2011010
Ethylbenzene	U		0.000160	0.000500	1	02/22/2023 16:42	WG2011010
Total Xylene	U		0.000510	0.00150	1	02/22/2023 16:42	WG2011010
(S) a,a,a-Trifluorotoluene(PID)	*108*			*79.0-125*		*02/22/2023 16:42*	WG2011010

D4 MW-R-021723
Collected date/time: 02/17/23 13:00
L1587896

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	02/22/2023 17:09	WG2011010
Toluene	U		0.000412	0.00100	1	02/22/2023 17:09	WG2011010
Ethylbenzene	U		0.000160	0.000500	1	02/22/2023 17:09	WG2011010
Total Xylene	0.000593	J	0.000510	0.00150	1	02/22/2023 17:09	WG2011010
(S) a,a,a-Trifluorotoluene(PID)	*108*			*79.0-125*		*02/22/2023 17:09*	WG2011010

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000985		0.000190	0.000500	1	02/22/2023 17:36	WG2011010
Toluene	U		0.000412	0.00100	1	02/22/2023 17:36	WG2011010
Ethylbenzene	U		0.000160	0.000500	1	02/22/2023 17:36	WG2011010
Total Xylene	U		0.000510	0.00150	1	02/22/2023 17:36	WG2011010
(S) a,a,a-Trifluorotoluene(PID)	*106*			*79.0-125*		*02/22/2023 17:36*	WG2011010

D4 MW8R-021723
Collected date/time: 02/17/23 13:30
L1587896

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00146		0.000190	0.000500	1	02/22/2023 18:02	WG2011010
Toluene	U		0.000412	0.00100	1	02/22/2023 18:02	WG2011010
Ethylbenzene	U		0.000160	0.000500	1	02/22/2023 18:02	WG2011010
Total Xylene	U		0.000510	0.00150	1	02/22/2023 18:02	WG2011010
(S) a,a,a-Trifluorotoluene(PID)	*106*			*79.0-125*		*02/22/2023 18:02*	WG2011010

Method Blank (MB)

(MB) R3894269-2 02/22/23 15:05

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) R3894269-1 02/22/23 12:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0516	103	77.0-122	
Toluene	0.0500	0.0514	103	80.0-121	
Ethylbenzene	0.0500	0.0552	110	80.0-123	
Total Xylene	0.150	0.164	109	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*107*	*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.
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.

Plains/Darr Angell No. 4 - 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 1

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 # 158796
G041

Report to: John Fergerson
Email To: Christopher.Knight@ghd.com;john.fergerson@g

Project Description: Plains/Darr Angell No. 4
City/State Collected: Lovington, NM
Please Circle: PT MT CT ET

Phone: 432-686-0086
Client Project # SSRS #2001-10876
Lab Project # PLAINSGHD-FERGERSON

Collected by (print): Hector Orosco
Site/Facility ID # SRS #2001-10876
P.O. #

Collected by (signature): Hector Orosco
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: per SSOW

Acctnum: PLAINSGHD
Template: T223524
Prelogin: P977427
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)
D4 RW 5R-021723	G	GW	—	2-17-23	1230	3	X		-01
D4 MW5R-021723	G	GW	—	2-17-23	1245	3	X		-02
D4 MW 7R-021723	G	GW	—	2-17-23	1300	3	X		-03
D4-DUP1-021723	G	GW	—	2-17-23		3	X		-04
D4 MW8R-021723	G	GW	—	2-17-23	1330	3	X		-05
		GW							
		GW							
		GW							
		GW							
		GW							

Matrix: Soil AIR - Air F - Filter / Groundwater B - Bioassay / - WasteWater / - Drinking Water / Other_____

Remarks: 1) invoice to Camille Bryant 2) report to SOL 3) Flag estimated concentrations 4) Lab Project #: PLAINSGHD-12572700

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
Hector Orosco	2-17-23	1800			
	2/20/23	1700	FedEx	Temp: 6.8 °C 4.9 to 4.9 Bottles Received: 15	
	Date:	Time:	Received for lab by: (Signature)	Date: 2/21/23 Time: 0800 8:45 mh	Hold: Condition: NCF / OK

ANALYTICAL REPORT

May 23, 2023

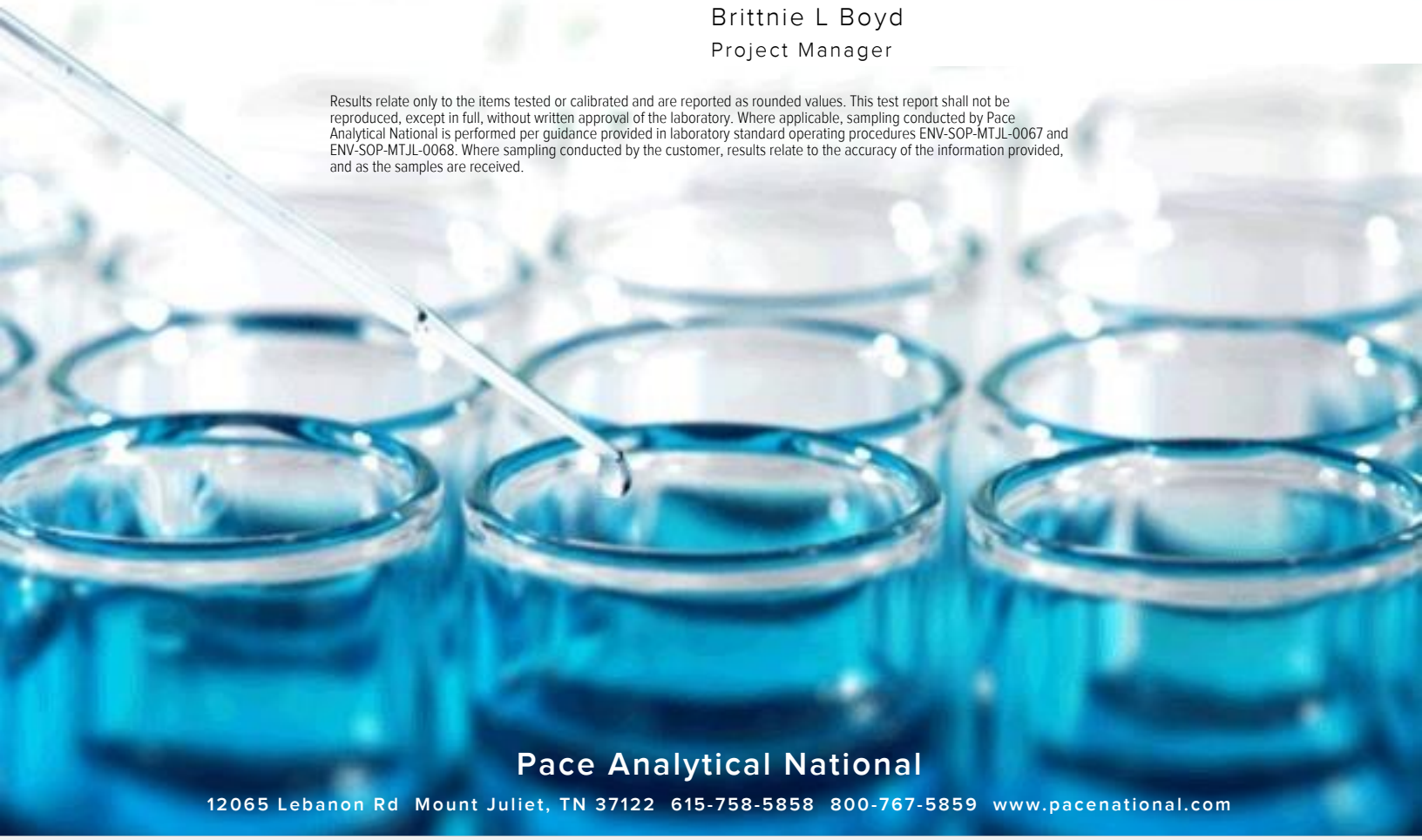
Plains All American, LP - GHD

Sample Delivery Group:	L1614181
Samples Received:	05/09/2023
Project Number:	SSRS #2001-10876
Description:	Plains/Darr Angell No. 4
Site:	SRS #2001-10876
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

D4-MW-1R-050323 L1614181-01 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 15:45
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059426	1	05/13/23 15:58	05/13/23 15:58	ACG	Mt. Juliet, TN

D4-MW-2R-050323 L1614181-02 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 14:30
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059426	1	05/13/23 16:20	05/13/23 16:20	ACG	Mt. Juliet, TN

D4-MW-3R-050323 L1614181-03 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 13:30
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059426	1	05/13/23 16:41	05/13/23 16:41	ACG	Mt. Juliet, TN

D4-MW-4R-050323 L1614181-04 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 15:30
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059426	1	05/13/23 17:03	05/13/23 17:03	ACG	Mt. Juliet, TN

D4-MW-5R-050323 L1614181-05 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 15:15
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059426	1	05/13/23 17:26	05/13/23 17:26	ACG	Mt. Juliet, TN

D4-MW-7R-050323 L1614181-06 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 14:45
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059426	1	05/13/23 17:48	05/13/23 17:48	ACG	Mt. Juliet, TN

D4-MW-10R-050323 L1614181-07 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 13:15
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059426	1	05/13/23 18:10	05/13/23 18:10	ACG	Mt. Juliet, TN

D4-MW-11R-050323 L1614181-08 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 13:00
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 10:25	05/18/23 10:25	ACG	Mt. Juliet, TN

D4-MW-12R-050323 L1614181-09 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 12:45
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 10:47	05/18/23 10:47	MGF	Mt. Juliet, TN

D4-MW-13R-050323 L1614181-10 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 12:00
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 11:09	05/18/23 11:09	MGF	Mt. Juliet, TN

D4-MW-18-050323 L1614181-11 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 12:15
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 11:30	05/18/23 11:30	MGF	Mt. Juliet, TN

D4-RW-5R-050323 L1614181-12 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 15:00
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 11:52	05/18/23 11:52	MGF	Mt. Juliet, TN

D4-RW-14-050323 L1614181-13 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 13:45
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 12:14	05/18/23 12:14	MGF	Mt. Juliet, TN

D4-RW-15-050323 L1614181-14 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 14:00
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 12:36	05/18/23 12:36	MGF	Mt. Juliet, TN

D4-RW-19-050323 L1614181-15 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 16:00
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 12:58	05/18/23 12:58	MGF	Mt. Juliet, TN

D4-MW-8R-050323 L1614181-16 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 14:15
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 13:20	05/18/23 13:20	MGF	Mt. Juliet, TN

D4-MW-17-050323 L1614181-17 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 12:30
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 13:43	05/18/23 13:43	MGF	Mt. Juliet, TN

D4-DUP1-050323 L1614181-18 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 00:00
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 14:05	05/18/23 14:05	MGF	Mt. Juliet, TN

D4-DUP2-050323 L1614181-19 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 00:00
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 14:27	05/18/23 14:27	MGF	Mt. Juliet, TN

TRIP BLANK L1614181-20 GW

Collected by: Erik Seng
Collected date/time: 05/03/23 00:00
Received date/time: 05/09/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2059550	1	05/18/23 09:41	05/18/23 09:41	ACG	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

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	05/13/2023 15:58	WG2059426
Toluene	U		0.000412	0.00100	1	05/13/2023 15:58	WG2059426
Ethylbenzene	U		0.000160	0.000500	1	05/13/2023 15:58	WG2059426
Total Xylene	U		0.000510	0.00150	1	05/13/2023 15:58	WG2059426
(S) a,a,a-Trifluorotoluene(PID)	*94.6*			*79.0-125*		*05/13/2023 15:58*	WG2059426

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	05/13/2023 16:20	WG2059426
Toluene	U		0.000412	0.00100	1	05/13/2023 16:20	WG2059426
Ethylbenzene	U		0.000160	0.000500	1	05/13/2023 16:20	WG2059426
Total Xylene	U		0.000510	0.00150	1	05/13/2023 16:20	WG2059426
(S) a,a,a-Trifluorotoluene(PID)	*94.5*			*79.0-125*		*05/13/2023 16:20*	WG2059426

D4-MW-3R-050323
Collected date/time: 05/03/23 13:30
L1614181

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	05/13/2023 16:41	WG2059426
Toluene	U		0.000412	0.00100	1	05/13/2023 16:41	WG2059426
Ethylbenzene	U		0.000160	0.000500	1	05/13/2023 16:41	WG2059426
Total Xylene	U		0.000510	0.00150	1	05/13/2023 16:41	WG2059426
(S) a,a,a-Trifluorotoluene(PID)	*94.5*			*79.0-125*		*05/13/2023 16:41*	WG2059426

D4-MW-4R-050323
Collected date/time: 05/03/23 15:30
L1614181

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	05/13/2023 17:03	WG2059426
Toluene	U		0.000412	0.00100	1	05/13/2023 17:03	WG2059426
Ethylbenzene	U		0.000160	0.000500	1	05/13/2023 17:03	WG2059426
Total Xylene	U		0.000510	0.00150	1	05/13/2023 17:03	WG2059426
(S) a,a,a-Trifluorotoluene(PID)	*94.6*			*79.0-125*		*05/13/2023 17:03*	WG2059426

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U		0.000190	0.000500	1	05/13/2023 17:26	WG2059426
Toluene	U		0.000412	0.00100	1	05/13/2023 17:26	WG2059426
Ethylbenzene	U		0.000160	0.000500	1	05/13/2023 17:26	WG2059426
Total Xylene	U		0.000510	0.00150	1	05/13/2023 17:26	WG2059426
(S) a,a,a-Trifluorotoluene(PID)	*95.0*			*79.0-125*		*05/13/2023 17:26*	WG2059426

D4-MW-7R-050523
Collected date/time: 05/03/23 14:45
L1614181

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	05/13/2023 17:48	WG2059426
Toluene	U		0.000412	0.00100	1	05/13/2023 17:48	WG2059426
Ethylbenzene	U		0.000160	0.000500	1	05/13/2023 17:48	WG2059426
Total Xylene	U		0.000510	0.00150	1	05/13/2023 17:48	WG2059426
(S) a,a,a-Trifluorotoluene(PID)	*95.1*			*79.0-125*		*05/13/2023 17:48*	WG2059426

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000190	0.000500	1	05/13/2023 18:10	WG2059426
Toluene	U		0.000412	0.00100	1	05/13/2023 18:10	WG2059426
Ethylbenzene	U		0.000160	0.000500	1	05/13/2023 18:10	WG2059426
Total Xylene	U		0.000510	0.00150	1	05/13/2023 18:10	WG2059426
(S) a,a,a-Trifluorotoluene(PID)	*93.5*			*79.0-125*		*05/13/2023 18:10*	WG2059426

D4-MW-TR-050323
Collected date/time: 05/03/23 13:00
L1614181

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U	Q	0.000190	0.000500	1	05/18/2023 10:25	WG2059550
Toluene	U	Q	0.000412	0.00100	1	05/18/2023 10:25	WG2059550
Ethylbenzene	U	Q	0.000160	0.000500	1	05/18/2023 10:25	WG2059550
Total Xylene	U	Q	0.000510	0.00150	1	05/18/2023 10:25	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*99.6*			*79.0-125*		*05/18/2023 10:25*	WG2059550

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U	Q	0.000190	0.000500	1	05/18/2023 10:47	WG2059550
Toluene	U	Q	0.000412	0.00100	1	05/18/2023 10:47	WG2059550
Ethylbenzene	U	Q	0.000160	0.000500	1	05/18/2023 10:47	WG2059550
Total Xylene	U	Q	0.000510	0.00150	1	05/18/2023 10:47	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*98.7*			*79.0-125*		*05/18/2023 10:47*	WG2059550

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U	Q	0.000190	0.000500	1	05/18/2023 11:09	WG2059550
Toluene	U	Q	0.000412	0.00100	1	05/18/2023 11:09	WG2059550
Ethylbenzene	U	Q	0.000160	0.000500	1	05/18/2023 11:09	WG2059550
Total Xylene	U	Q	0.000510	0.00150	1	05/18/2023 11:09	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*98.3*			*79.0-125*		*05/18/2023 11:09*	WG2059550

D4-MW-18-050323
Collected date/time: 05/03/23 12:15
L1614181

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U	Q	0.000190	0.000500	1	05/18/2023 11:30	WG2059550
Toluene	U	Q	0.000412	0.00100	1	05/18/2023 11:30	WG2059550
Ethylbenzene	U	Q	0.000160	0.000500	1	05/18/2023 11:30	WG2059550
Total Xylene	U	Q	0.000510	0.00150	1	05/18/2023 11:30	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*97.9*			*79.0-125*		*05/18/2023 11:30*	WG2059550

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000250	J Q	0.000190	0.000500	1	05/18/2023 11:52	WG2059550
Toluene	U	Q	0.000412	0.00100	1	05/18/2023 11:52	WG2059550
Ethylbenzene	0.000326	J Q	0.000160	0.000500	1	05/18/2023 11:52	WG2059550
Total Xylene	0.00377	Q	0.000510	0.00150	1	05/18/2023 11:52	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*96.9*			*79.0-125*		*05/18/2023 11:52*	WG2059550

Collected date/time: 05/03/23 13:45

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U	Q	0.000190	0.000500	1	05/18/2023 12:14	WG2059550
Toluene	U	Q	0.000412	0.00100	1	05/18/2023 12:14	WG2059550
Ethylbenzene	0.000215	J Q	0.000160	0.000500	1	05/18/2023 12:14	WG2059550
Total Xylene	U	Q	0.000510	0.00150	1	05/18/2023 12:14	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*97.9*			*79.0-125*		*05/18/2023 12:14*	WG2059550

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U	Q	0.000190	0.000500	1	05/18/2023 12:36	WG2059550
Toluene	U	Q	0.000412	0.00100	1	05/18/2023 12:36	WG2059550
Ethylbenzene	U	Q	0.000160	0.000500	1	05/18/2023 12:36	WG2059550
Total Xylene	U	Q	0.000510	0.00150	1	05/18/2023 12:36	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*96.5*			*79.0-125*		*05/18/2023 12:36*	WG2059550

D4-RW-19-050523
Collected date/time: 05/03/23 16:00
L1614181

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U	Q	0.000190	0.000500	1	05/18/2023 12:58	WG2059550
Toluene	U	Q	0.000412	0.00100	1	05/18/2023 12:58	WG2059550
Ethylbenzene	U	Q	0.000160	0.000500	1	05/18/2023 12:58	WG2059550
Total Xylene	U	Q	0.000510	0.00150	1	05/18/2023 12:58	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*96.1*			*79.0-125*		*05/18/2023 12:58*	WG2059550

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

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	U	Q	0.000190	0.000500	1	05/18/2023 13:20	WG2059550
Toluene	U	Q	0.000412	0.00100	1	05/18/2023 13:20	WG2059550
Ethylbenzene	U	Q	0.000160	0.000500	1	05/18/2023 13:20	WG2059550
Total Xylene	U	Q	0.000510	0.00150	1	05/18/2023 13:20	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*97.3*			*79.0-125*		*05/18/2023 13:20*	WG2059550

D4-MW-17-050323
Collected date/time: 05/03/23 12:30
L1614181

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000274	J Q	0.000190	0.000500	1	05/18/2023 13:43	WG2059550
Toluene	0.00295	B Q	0.000412	0.00100	1	05/18/2023 13:43	WG2059550
Ethylbenzene	0.000750	Q	0.000160	0.000500	1	05/18/2023 13:43	WG2059550
Total Xylene	0.000672	J Q	0.000510	0.00150	1	05/18/2023 13:43	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*97.0*			*79.0-125*		*05/18/2023 13:43*	WG2059550

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000250	J Q	0.000190	0.000500	1	05/18/2023 14:05	WG2059550
Toluene	U	Q	0.000412	0.00100	1	05/18/2023 14:05	WG2059550
Ethylbenzene	0.000192	J Q	0.000160	0.000500	1	05/18/2023 14:05	WG2059550
Total Xylene	U	Q	0.000510	0.00150	1	05/18/2023 14:05	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*97.2*			*79.0-125*		*05/18/2023 14:05*	WG2059550

D4-DUP2-050323
Collected date/time: 05/03/23 00:00
L1614181

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000321	J Q	0.000190	0.000500	1	05/18/2023 14:27	WG2059550
Toluene	0.00405	B Q	0.000412	0.00100	1	05/18/2023 14:27	WG2059550
Ethylbenzene	0.000992	Q	0.000160	0.000500	1	05/18/2023 14:27	WG2059550
Total Xylene	0.00104	J Q	0.000510	0.00150	1	05/18/2023 14:27	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*97.3*			*79.0-125*		*05/18/2023 14:27*	WG2059550

TRIP BLANK
Collected date/time: 05/03/23 00:00
L1614181

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000325	J	0.000190	0.000500	1	05/18/2023 09:41	WG2059550
Toluene	0.000778	B J	0.000412	0.00100	1	05/18/2023 09:41	WG2059550
Ethylbenzene	U		0.000160	0.000500	1	05/18/2023 09:41	WG2059550
Total Xylene	U		0.000510	0.00150	1	05/18/2023 09:41	WG2059550
(S) a,a,a-Trifluorotoluene(PID)	*98.6*			*79.0-125*		*05/18/2023 09:41*	WG2059550

Method Blank (MB)

(MB) R3926523-2 05/13/23 09:38

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)	*93.2*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3926523-1 05/13/23 07:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0529	106	77.0-122	
Toluene	0.0500	0.0516	103	80.0-121	
Ethylbenzene	0.0500	0.0563	113	80.0-123	
Total Xylene	0.150	0.164	109	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*91.0*	*79.0-125*	

Method Blank (MB)

(MB) R3926303-3 05/18/23 08:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	0.000429	J	0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*97.5*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3926303-1 05/18/23 07:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0535	107	77.0-122	
Toluene	0.0500	0.0504	101	80.0-121	
Ethylbenzene	0.0500	0.0574	115	80.0-123	
Total Xylene	0.150	0.166	111	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*96.1*	*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.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.

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	LAO000356
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

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

Report to: **John Fergerson**

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

Project Description: **Plains/Darr Angell No. 4**

City/State Collected: **Lovington, NM**

Please Circle: PT MT CT ET

Phone: **432-686-0086**

Client Project # **SSRS #2001-10876**

Lab Project # **PLAINSGHD-FERGERSON**

SDG # L1614[illegible]
C224

Collected by (print): **Eric Sera**

Site/Facility ID # **SRS #2001-10876**

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

Acctnum: **PLAINSGHD**
Template: **T223524**
Prelogin: **P977427**
PM: **829 - Brittnie L Boyd**
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40ml Amb-HCl	Remarks	Sample # (lab only)
DP-MW-1R-050323	G	GW	—	5-3-23	1545	3	X		-01
DP-MW-2R-050323		GW	—		1430		X		-02
DP-MW-3R-050323		GW	—		1330		X		-03
DP-MW-4R-050323		GW	—		1530		X		-04
DP-MW-5R-050323		GW	—		1515		X		-05
DP-MW-7R-050323		GW	—		1445		X		-06
DP-MW-10R-050323		GW	—		1315		X		-07
DP-MW-11R-050323		GW	—		1300		X		-08
DP-MW-12R-050323		GW	—		1245		X		-09
DP-MW-13R-050323		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 # 5913 6272 4490

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	1100	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
Relinquished by : (Signature)	5/8/23	1700	Received by: (Signature) FedEx	Temp: 4.4 °C Bottles Received: 57
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5/9/23 Time: 9:36

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
505 N. Big Spring, Ste. 600
Midland, TX 79701

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

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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: **Christopher.Knight@ghd.com;john.fergerson@g**

Project Description: **Plains/Darr Angell No. 4**

City/State Collected: **Lovington, NM**

Please Circle: PT MT (CT) ET

Phone: **432-686-0086**

Client Project # **SSRS #2001-10876**

Lab Project # **PLAINSGHD-FERGERSON**

SDG # **L1614181**

Collected by (print): **Erin Seng**

Site/Facility ID # **SRS #2001-10876**

P.O. #

Table #

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

Acctnum: **PLAINSGHD**
Template: **T223524**
Prelogin: **P977427**
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)
D4-MW-18-050323	G	GW	—	5-3-23	1215	3	X		-11
D4-BW-5R-050323		GW	—		1500	3	X		-12
D4-BW-14--050323		GW	—		1345	3	X		-13
D4-BW-15--050323		GW	—		1400	3	X		-14
D4-BW-19-050323		GW	—		1600	3	X		-15
D4-MW-8R-050323		GW	—		1415	3	X		-16
D4-MW-17-050323		GW	—		1230	3	X		-17
D4-Dup1-050323	G	GW	—		—	3	X		-18
D4-Dup2-050323	G	GW	—		—	3	X		-19
Trip Blank	—	~~GW~~	—		—	1	X		-20

* 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 # 5913 6272 4490

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	1100	Received by: (Signature)	Trip Blank Received: Yes / No (HCl / MeoH) TBR
Relinquished by : (Signature)	5/8/23	1700	Received by: (Signature) FedEx	Temp: 4.4 °C Bottles Received: 57 (NSA7 to=4.4)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5/9/23 Time: 9:30

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

ANALYTICAL REPORT

August 22, 2023

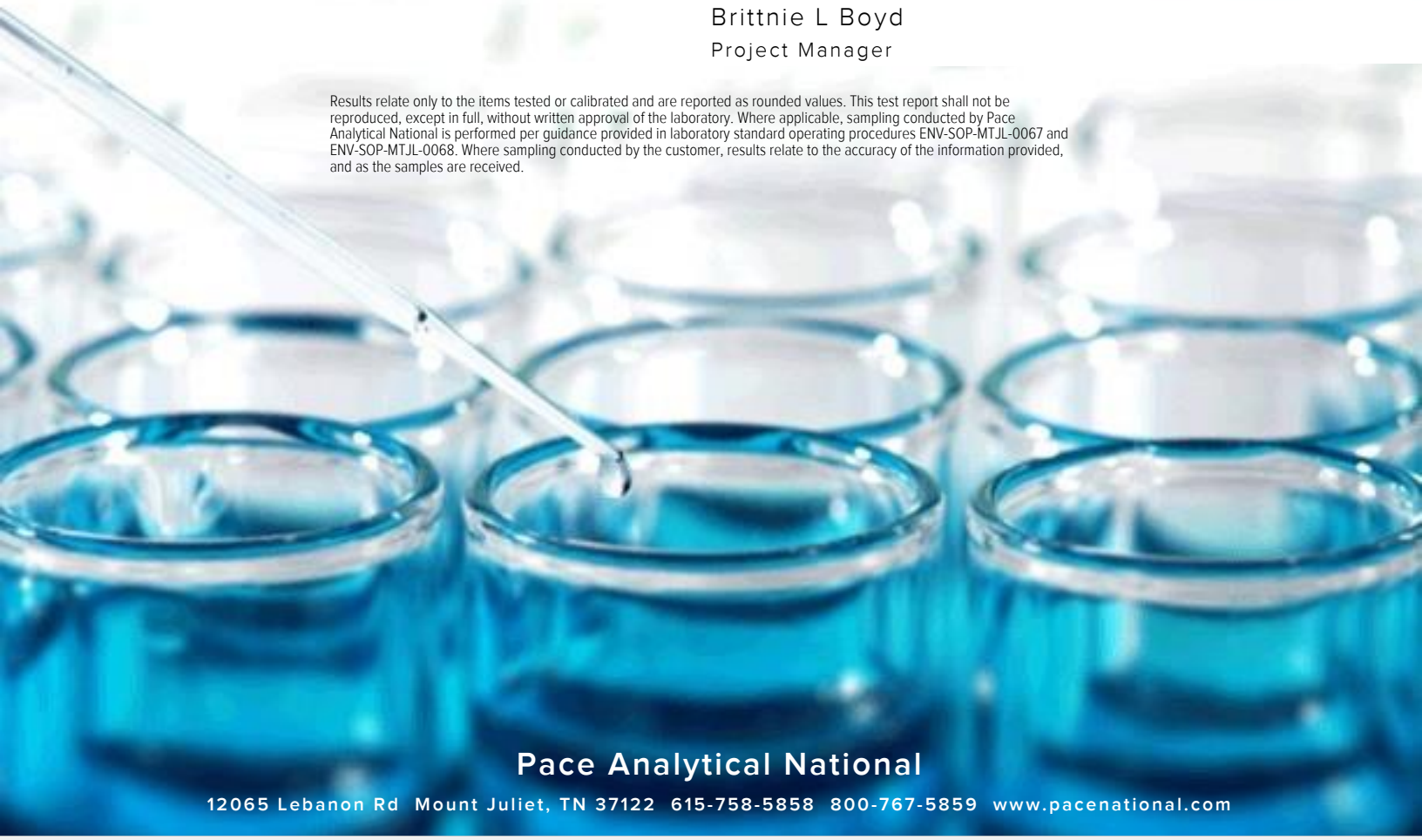
Plains All American, LP - GHD

Sample Delivery Group:	L1645718
Samples Received:	08/12/2023
Project Number:	DARR ANGELL #4
Description:	Darr Angell No.4
Site:	SRS #2001-10876
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

D4-(MW-1R)-0801023 L1645718-01 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 13:00 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2118315	1	08/19/23 08:34	08/19/23 08:34	JHH	Mt. Juliet, TN

D4-(MW-2R)-0801023 L1645718-02 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 09:15 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2118315	1	08/19/23 08:57	08/19/23 08:57	JHH	Mt. Juliet, TN

D4-(MW-3R)-0801023 L1645718-03 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 08:45 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2118315	1	08/19/23 09:19	08/19/23 09:19	JHH	Mt. Juliet, TN

D4-(MW-4R)-0801023 L1645718-04 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 14:00 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2118315	1	08/19/23 09:41	08/19/23 09:41	JHH	Mt. Juliet, TN

D4-(MW-5R)-0801023 L1645718-05 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 12:00 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2118315	1	08/19/23 10:04	08/19/23 10:04	JHH	Mt. Juliet, TN

D4-(MW-7R)-0801023 L1645718-06 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 10:45 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2118315	1	08/19/23 10:27	08/19/23 10:27	JHH	Mt. Juliet, TN

D4-(MW-8R)-0801023 L1645718-07 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 09:45 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 16:13	08/19/23 16:13	JHH	Mt. Juliet, TN

D4-(MW-10R)-0801023 L1645718-08 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 09:00 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 16:35	08/19/23 16:35	JHH	Mt. Juliet, TN

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

D4-(MW-11R)-0801023 L1645718-09 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 14:45 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 16:58	08/19/23 16:58	JHH	Mt. Juliet, TN

D4-(MW-12R)-0801023 L1645718-10 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 15:00 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 17:20	08/19/23 17:20	JHH	Mt. Juliet, TN

D4-(MW-13R)-0801023 L1645718-11 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 11:00 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 17:43	08/19/23 17:43	JHH	Mt. Juliet, TN

D4-(MW-18)-0801023 L1645718-12 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 12:00 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 18:05	08/19/23 18:05	JHH	Mt. Juliet, TN

D4-(RW-15)-0801023 L1645718-13 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 11:00 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 18:28	08/19/23 18:28	JHH	Mt. Juliet, TN

D4-(RW-19)-0801023 L1645718-14 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 10:30 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 18:50	08/19/23 18:50	JHH	Mt. Juliet, TN

D4-(MW-17)-0801023 L1645718-15 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 14:00 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 19:13	08/19/23 19:13	JHH	Mt. Juliet, TN

D4-(RW-5R)-0801023 L1645718-16 GW

Collected by: Jonathan Salinas | Collected date/time: 08/10/23 16:00 | Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 19:36	08/19/23 19:36	JHH	Mt. Juliet, TN

D4-(RW-14)-0801023 L1645718-17 GW

Collected by: Jonathan Salinas
Collected date/time: 08/10/23 12:00
Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 19:58	08/19/23 19:58	JHH	Mt. Juliet, TN

D4-(MW-DUP1)-801023 L1645718-18 GW

Collected by: Jonathan Salinas
Collected date/time: 08/10/23 00:00
Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 20:21	08/19/23 20:21	JHH	Mt. Juliet, TN

D4-DUP2-0801023 L1645718-19 GW

Collected by: Jonathan Salinas
Collected date/time: 08/10/23 00:00
Received date/time: 08/12/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2117002	1	08/19/23 20:43	08/19/23 20:43	JHH	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

D4-(MW-1R)-080123
Collected date/time: 08/10/23 13:00

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	08/19/2023 08:34	WG2118315
Toluene	ND		0.00100	1	08/19/2023 08:34	WG2118315
Ethylbenzene	ND		0.000500	1	08/19/2023 08:34	WG2118315
Total Xylene	ND		0.00150	1	08/19/2023 08:34	WG2118315
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*08/19/2023 08:34*	WG2118315

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	08/19/2023 08:57	WG2118315
Toluene	ND		0.00100	1	08/19/2023 08:57	WG2118315
Ethylbenzene	ND		0.000500	1	08/19/2023 08:57	WG2118315
Total Xylene	ND		0.00150	1	08/19/2023 08:57	WG2118315
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*08/19/2023 08:57*	WG2118315

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	08/19/2023 09:19	WG2118315
Toluene	ND		0.00100	1	08/19/2023 09:19	WG2118315
Ethylbenzene	ND		0.000500	1	08/19/2023 09:19	WG2118315
Total Xylene	ND		0.00150	1	08/19/2023 09:19	WG2118315
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*08/19/2023 09:19*	WG2118315

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	08/19/2023 09:41	WG2118315
Toluene	ND		0.00100	1	08/19/2023 09:41	WG2118315
Ethylbenzene	ND		0.000500	1	08/19/2023 09:41	WG2118315
Total Xylene	ND		0.00150	1	08/19/2023 09:41	WG2118315
(S) a,a,a-Trifluorotoluene(PID)	*110*		*79.0-125*		*08/19/2023 09:41*	WG2118315

D4-(MW-5R)-0801023
Collected date/time: 08/10/23 12:00
L1645718

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	08/19/2023 10:04	WG2118315
Toluene	ND		0.00100	1	08/19/2023 10:04	WG2118315
Ethylbenzene	ND		0.000500	1	08/19/2023 10:04	WG2118315
Total Xylene	ND		0.00150	1	08/19/2023 10:04	WG2118315
(S) a,a,a-Trifluorotoluene(PID)	*110*		*79.0-125*		*08/19/2023 10:04*	WG2118315

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	08/19/2023 10:27	WG2118315
Toluene	ND		0.00100	1	08/19/2023 10:27	WG2118315
Ethylbenzene	ND		0.000500	1	08/19/2023 10:27	WG2118315
Total Xylene	ND		0.00150	1	08/19/2023 10:27	WG2118315
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*08/19/2023 10:27*	WG2118315

D4-(MW-8R)-0801023
Collected date/time: 08/10/23 09:45
L1645718

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	08/19/2023 16:13	WG2117002
Toluene	ND		0.00100	1	08/19/2023 16:13	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 16:13	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 16:13	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*08/19/2023 16:13*	WG2117002

D4-(MW-10R)-0801023
Collected date/time: 08/10/23 09:00
L1645718

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	08/19/2023 16:35	WG2117002
Toluene	ND		0.00100	1	08/19/2023 16:35	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 16:35	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 16:35	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*08/19/2023 16:35*	WG2117002

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	08/19/2023 16:58	WG2117002
Toluene	ND		0.00100	1	08/19/2023 16:58	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 16:58	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 16:58	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*110*		*79.0-125*		*08/19/2023 16:58*	WG2117002

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	08/19/2023 17:20	WG2117002
Toluene	ND		0.00100	1	08/19/2023 17:20	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 17:20	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 17:20	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*08/19/2023 17:20*	WG2117002

D4-(MW-13R)-080123
Collected date/time: 08/10/23 11:00
L1645718

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	08/19/2023 17:43	WG2117002
Toluene	ND		0.00100	1	08/19/2023 17:43	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 17:43	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 17:43	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*08/19/2023 17:43*	WG2117002

D4-(MW-18)-0801023
Collected date/time: 08/10/23 12:00

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	08/19/2023 18:05	WG2117002
Toluene	ND		0.00100	1	08/19/2023 18:05	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 18:05	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 18:05	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*08/19/2023 18:05*	WG2117002

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	08/19/2023 18:28	WG2117002
Toluene	ND		0.00100	1	08/19/2023 18:28	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 18:28	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 18:28	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*08/19/2023 18:28*	WG2117002

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	08/19/2023 18:50	WG2117002
Toluene	ND		0.00100	1	08/19/2023 18:50	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 18:50	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 18:50	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*08/19/2023 18:50*	WG2117002

D4-(MW-17)-0801023
Collected date/time: 08/10/23 14:00
L1645718

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	08/19/2023 19:13	WG2117002
Toluene	ND		0.00100	1	08/19/2023 19:13	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 19:13	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 19:13	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*106*		*79.0-125*		*08/19/2023 19:13*	WG2117002

D4-(RW-SR)-080123
Collected date/time: 08/10/23 16:00
L1645718

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	08/19/2023 19:36	WG2117002
Toluene	ND		0.00100	1	08/19/2023 19:36	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 19:36	WG2117002
Total Xylene	0.00980		0.00150	1	08/19/2023 19:36	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*08/19/2023 19:36*	WG2117002

D4-(RW-14)-0801023
Collected date/time: 08/10/23 12:00
L1645718

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	08/19/2023 19:58	WG2117002
Toluene	ND		0.00100	1	08/19/2023 19:58	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 19:58	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 19:58	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*08/19/2023 19:58*	WG2117002

D4-(MW-DUP)-801023
Collected date/time: 08/10/23 00:00
L1645718

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	08/19/2023 20:21	WG2117002
Toluene	ND		0.00100	1	08/19/2023 20:21	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 20:21	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 20:21	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*08/19/2023 20:21*	WG2117002

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	08/19/2023 20:43	WG2117002
Toluene	ND		0.00100	1	08/19/2023 20:43	WG2117002
Ethylbenzene	ND		0.000500	1	08/19/2023 20:43	WG2117002
Total Xylene	ND		0.00150	1	08/19/2023 20:43	WG2117002
(S) a,a,a-Trifluorotoluene(PID)	*106*		*79.0-125*		*08/19/2023 20:43*	WG2117002

Method Blank (MB)

(MB) R3963453-3 08/19/23 13:59

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)	*109*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R3963453-1 08/19/23 11:11

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0489	97.8	77.0-122	
Toluene	0.0500	0.0477	95.4	80.0-121	
Ethylbenzene	0.0500	0.0504	101	80.0-123	
Total Xylene	0.150	0.144	96.0	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*108*	*79.0-125*	

Method Blank (MB)

(MB) R3963454-3 08/19/23 02:57

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) R3963454-1 08/19/23 01:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0469	93.8	77.0-122	
Toluene	0.0500	0.0461	92.2	80.0-121	
Ethylbenzene	0.0500	0.0478	95.6	80.0-123	
Total Xylene	0.150	0.137	91.3	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*108*	*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:
Karolane Hudges
Accounts Payable
1106 Griffith Dr.
Midland, TX 79706

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

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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;Christopher.Knight@g**

Project Description: **Darr Angell No.4**

City/State Collected: New Mexico

Please Circle: PT MT CT ET

Phone: ~~432-686-0086~~ 432-640-9637

Client Project # SRS #~~2001-10876~~ Darr Angell #4

Lab Project # **PLAINSGHD-200110876**

SDG # 645718

Table # 1152

Collected by (print): Jonathan Sallings

Site/Facility ID # **SRS #2001-10876**

P.O. # SRS Darr Angell #4

Acctnum: **PLAINSGHD**

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

Date Results Needed

Quote #

Template: **T224907**

Prelogin: **P1015763**

PM: **829 - Brittnie L Boyd**

PB: DP 8-2-23

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
D4-(MW-1R)-0801023		GW		8/10/23	1300	3	X		-01
D4-(MW-2R)-0801023		GW		8/10/23	0915	3	✓		-02
D4-(MW-3R)-0801023		GW		8/10/23	0845	3	X		-03
D4-(MW-4R)-0801023		GW		8/10/23	1400	3	X		-04
D4-(MW-5R)-0801023		GW		8/10/23	1200	3	X		-05
D4-(MW-7R)-0801023		GW		8/10/23	1045	3	X		-06
D4-(MW-8R)-0801023		GW		8/10/23	0945	3	X		-07
D4-(MW-10R)-0801023		GW		8/10/23	0900	3	X		-08
D4-(MW-11R)-0801023		GW		8/10/23	1415	3	X		-09
D4-(MW-12R)-0801023		GW		8/10/23	1500	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 # XX

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
	8/11/23	0744		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
	8/11/23	1700	SWA	GBAB
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				8/12/23 8:00

If preservation required by Login: Date/Time
4.0 to 4.0

Hold:

Condition: NCF / OK

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

2135 S Loop 250 W
Midland, TX 79703

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

Pres Chk

Report to:
John Fergerson

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

Project Description:
Darr Angell No.4

City/State Collected: New Mexico

Please Circle: PT MT CT ET

Phone: **432-686-0086**
432-640-9637

Client Project #
~~SRS #2001-10876~~
Darr Angell #4

Lab Project #
PLAINSGHD-200110876

Collected by (print):
Jonathan Salinas

Site/Facility ID #
SRS #2001-10876

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

Date Results Needed

Quote #

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	BTEX 40mlAmb-HCl										Remarks	Sample # (lab only)
~~DH~~ DH-(MW-13R)080123		GW		8/1/23	1100	X											-11
DH-(MW-18)080123				8/1/23	1200	X											-12
DH-(RW-15)080123				8/1/23	1100	X											-13
DH-(RW-19)080823				8/1/23	1030	X											-14
DH-(MW-47)080823				8/1/23	1400	X											-15
DH-(RW-5R)080123				8/1/23	1600	X											-16
DH-(RW-11)080123				8/1/23	1200	X											-17
DH-																	
DH-																	
DH-																	

Chain of Custody Page ___ of ___

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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 # 164578

Table #

Acctnum: **PLAINSGHD**
Template: **T224907**
Prelogin: **P1015763**
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 # X

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
	8/11/23	2:14			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
	8/11/23	1700	SWA	GBAB 4.0+0=4.0	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
				8/12/23	8:00

Hold: | Condition: NCF / OK

Pace Analytical®

ANALYTICAL REPORT

November 27, 2023

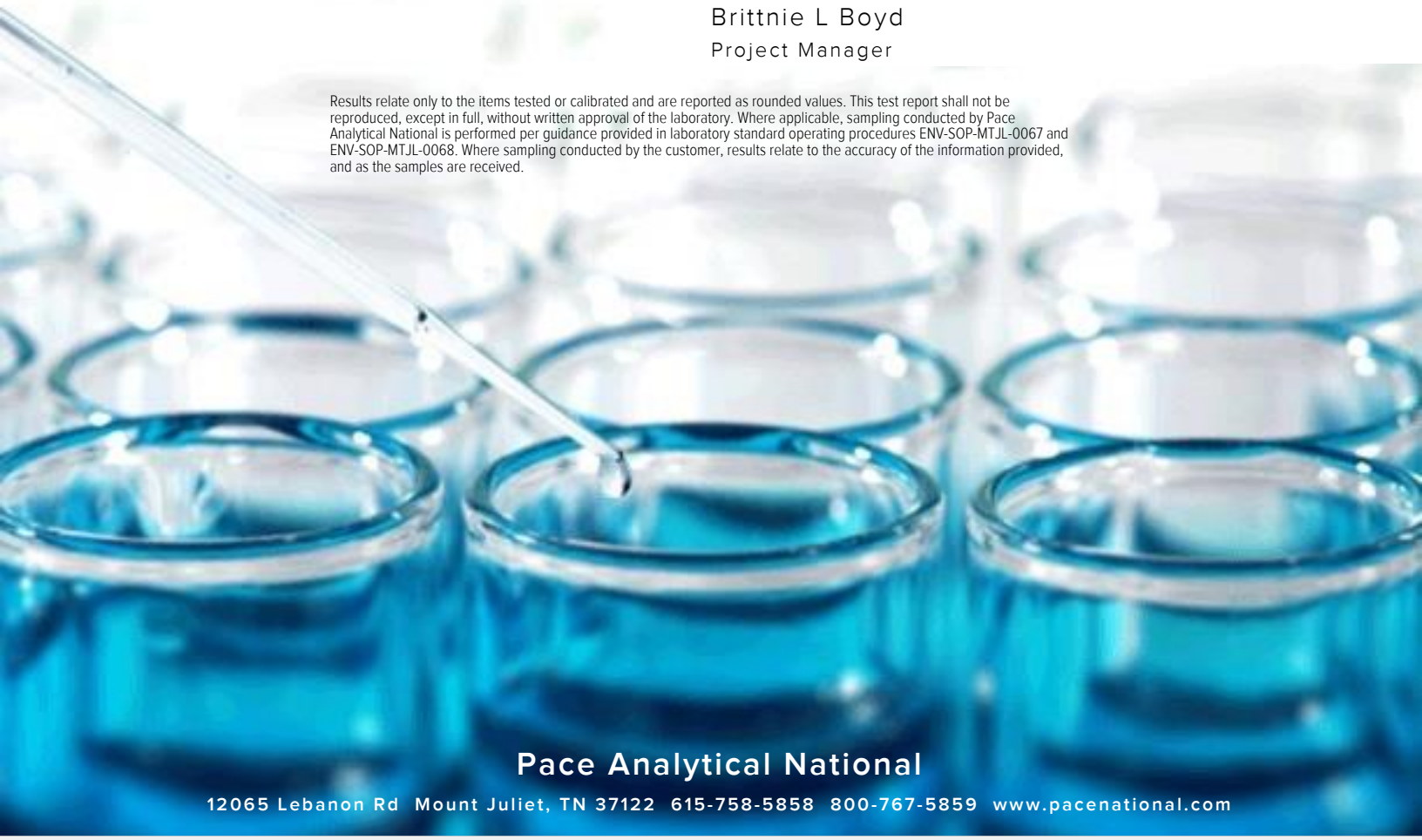
Plains All American, LP - GHD

Sample Delivery Group:	L1677920
Samples Received:	11/14/2023
Project Number:	SRS #2001-10876
Description:	Darr Angell No.4
Site:	SRS #2001-10876
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

D4-MW-8R-111323 L1677920-01 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 09:30 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 11:22	11/19/23 11:22	AV	Mt. Juliet, TN

D4-MW-7R-111323 L1677920-02 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 09:40 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 11:45	11/19/23 11:45	AV	Mt. Juliet, TN

D4-MW-2R-111323 L1677920-03 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 09:50 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 12:08	11/19/23 12:08	AV	Mt. Juliet, TN

D4-RW-5R-111323 L1677920-04 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 10:00 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 12:30	11/19/23 12:30	AV	Mt. Juliet, TN

D4-MW-10R-111323 L1677920-05 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 10:15 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 12:53	11/19/23 12:53	AV	Mt. Juliet, TN

D4-MW-5R-111323 L1677920-06 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 10:25 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 13:15	11/19/23 13:15	AV	Mt. Juliet, TN

D4-MW-11R-111323 L1677920-07 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 10:35 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 13:38	11/19/23 13:38	AV	Mt. Juliet, TN

D4-MW-12R-111323 L1677920-08 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 10:50 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 14:01	11/19/23 14:01	AV	Mt. Juliet, TN

D4-MW-4R-111323 L1677920-09 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 11:00 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 14:23	11/19/23 14:23	AV	Mt. Juliet, TN

D4-MW-1R-111323 L1677920-10 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 11:15 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 14:46	11/19/23 14:46	AV	Mt. Juliet, TN

D4-MW-13R-111323 L1677920-11 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 11:35 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 15:08	11/19/23 15:08	AV	Mt. Juliet, TN

D4-MW-18-111323 L1677920-12 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 11:20 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 15:31	11/19/23 15:31	AV	Mt. Juliet, TN

D4-RW-19-111323 L1677920-13 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 11:50 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 15:54	11/19/23 15:54	AV	Mt. Juliet, TN

D4-MW-17-111323 L1677920-14 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 12:10 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 16:17	11/19/23 16:17	AV	Mt. Juliet, TN

D4-MW-3R-111323 L1677920-15 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 12:20 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 16:39	11/19/23 16:39	AV	Mt. Juliet, TN

D4-RW-15-111323 L1677920-16 GW

Collected by: Hector Orosco | Collected date/time: 11/13/23 12:40 | Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 17:02	11/19/23 17:02	AV	Mt. Juliet, TN

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

D4-RW-14-111323 L1677920-17 GW

Collected by: Hector Orosco
Collected date/time: 11/13/23 13:00
Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 17:25	11/19/23 17:25	AV	Mt. Juliet, TN

D4-DUP1-111323 L1677920-18 GW

Collected by: Hector Orosco
Collected date/time: 11/13/23 00:00
Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 17:47	11/19/23 17:47	AV	Mt. Juliet, TN

D4-DUP2-111323 L1677920-19 GW

Collected by: Hector Orosco
Collected date/time: 11/13/23 00:00
Received date/time: 11/14/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2174147	1	11/19/23 18:10	11/19/23 18:10	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

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 11:22	WG2174147
Toluene	ND		0.00100	1	11/19/2023 11:22	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 11:22	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 11:22	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*106*		*79.0-125*		*11/19/2023 11:22*	WG2174147

D4-MW-AR-111323
Collected date/time: 11/13/23 09:40
L1677920

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 11:45	WG2174147
Toluene	ND		0.00100	1	11/19/2023 11:45	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 11:45	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 11:45	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 11:45*	WG2174147

D4-MW-ZR-111323
Collected date/time: 11/13/23 09:50
L1677920

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 12:08	WG2174147
Toluene	ND		0.00100	1	11/19/2023 12:08	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 12:08	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 12:08	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 12:08*	WG2174147

D4-RW-SR-111323
Collected date/time: 11/13/23 10:00
L1677920

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 12:30	WG2174147
Toluene	ND		0.00100	1	11/19/2023 12:30	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 12:30	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 12:30	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 12:30*	WG2174147

D4-MW-10R-111323
Collected date/time: 11/13/23 10:15
L1677920

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 12:53	WG2174147
Toluene	ND		0.00100	1	11/19/2023 12:53	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 12:53	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 12:53	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*11/19/2023 12:53*	WG2174147

D4-MW-3R-111323
Collected date/time: 11/13/23 10:25
L1677920

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 13:15	WG2174147
Toluene	ND		0.00100	1	11/19/2023 13:15	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 13:15	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 13:15	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 13:15*	WG2174147

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 13:38	WG2174147
Toluene	ND		0.00100	1	11/19/2023 13:38	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 13:38	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 13:38	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 13:38*	WG2174147

D4-MW-12R-111323
Collected date/time: 11/13/23 10:50
L1677920

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 14:01	WG2174147
Toluene	ND		0.00100	1	11/19/2023 14:01	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 14:01	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 14:01	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*106*		*79.0-125*		*11/19/2023 14:01*	WG2174147

D4-MW-4R-111323
Collected date/time: 11/13/23 11:00
L1677920

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 14:23	WG2174147
Toluene	ND		0.00100	1	11/19/2023 14:23	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 14:23	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 14:23	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 14:23*	WG2174147

D4-MW-IR-111323
Collected date/time: 11/13/23 11:15
L1677920

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 14:46	WG2174147
Toluene	ND		0.00100	1	11/19/2023 14:46	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 14:46	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 14:46	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 14:46*	WG2174147

D4-MW-ISR-111323
Collected date/time: 11/13/23 11:35
L1677920

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 15:08	WG2174147
Toluene	ND		0.00100	1	11/19/2023 15:08	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 15:08	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 15:08	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 15:08*	WG2174147

D4-MW-18-111323
Collected date/time: 11/13/23 11:20
L1677920

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 15:31	WG2174147
Toluene	ND		0.00100	1	11/19/2023 15:31	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 15:31	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 15:31	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 15:31*	WG2174147

D4-RW-19-111323
Collected date/time: 11/13/23 11:50
L1677920

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 15:54	WG2174147
Toluene	ND		0.00100	1	11/19/2023 15:54	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 15:54	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 15:54	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*11/19/2023 15:54*	WG2174147

D4-MW-17-111323
Collected date/time: 11/13/23 12:10
L1677920

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 16:17	WG2174147
Toluene	ND		0.00100	1	11/19/2023 16:17	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 16:17	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 16:17	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*106*		*79.0-125*		*11/19/2023 16:17*	WG2174147

D4-MW-3R-111323
Collected date/time: 11/13/23 12:20
L1677920

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 16:39	WG2174147
Toluene	ND		0.00100	1	11/19/2023 16:39	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 16:39	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 16:39	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*109*		*79.0-125*		*11/19/2023 16:39*	WG2174147

D4-RW-13-111323
Collected date/time: 11/13/23 12:40
L1677920

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 17:02	WG2174147
Toluene	ND		0.00100	1	11/19/2023 17:02	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 17:02	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 17:02	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*11/19/2023 17:02*	WG2174147

D4-RW-14-11323
Collected date/time: 11/13/23 13:00
L1677920

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 17:25	WG2174147
Toluene	ND		0.00100	1	11/19/2023 17:25	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 17:25	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 17:25	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*108*		*79.0-125*		*11/19/2023 17:25*	WG2174147

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 17:47	WG2174147
Toluene	ND		0.00100	1	11/19/2023 17:47	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 17:47	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 17:47	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*106*		*79.0-125*		*11/19/2023 17:47*	WG2174147

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 18:10	WG2174147
Toluene	ND		0.00100	1	11/19/2023 18:10	WG2174147
Ethylbenzene	ND		0.000500	1	11/19/2023 18:10	WG2174147
Total Xylene	ND		0.00150	1	11/19/2023 18:10	WG2174147
(S) a,a,a-Trifluorotoluene(PID)	*107*		*79.0-125*		*11/19/2023 18:10*	WG2174147

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*	

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	LAO000356
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

Report to:
John Fergerson

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

Project Description:
Darr Angell No.4

City/State Collected: Lea county NM

Please Circle: PT MT CT ET

Phone: **432-640-9637**

Client Project #
SRS #2001-10876

Lab Project #
PLAINSGHD-200110876

Collected by (print):
Hector Orosco

Site/Facility ID #
SRS #2001-10876

P.O. #

Collected by (signature):
Hector

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 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 # L1477120

Table B250

Acctnum: **PLAINSGHD**
Template: **T224907**
Prelogin: **P1036248**
PM: **829 - Brittnie L Boyd**
PB: NG 11/17/23
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
D4-MW-8R-111323		GW		11-13-23	0930	3	✓		-01
D4-MW-7R-111323		GW		11-13-23	0940	3	✓		-02
D4-MW-2R-111323		GW		11-13-23	0950	3	✓		-03
D4-RW-5R-111323		GW		11-13-23	1000	3	✓		-04
D4-MW-10R-111323		GW		11-13-23	1015	3	✓		-05
D4-MW-5R-111323		GW		11-13-23	1025	3	✓		-06
D4-MW-11R-111323		GW		11-13-23	1035	3	✓		-07
D4-MW-12R-111323				11-13-23	1050	3	✓		-08
D4-MW-4R-111323				11-13-23	1100	3	✓		-09
D4-MW-1R-111323				11-13-23	1115	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: N (N)

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Hector	11-13-23	1340			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.7 °C / 0.7 °C	Bottles Received: 57
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11.14.23	Time: 8:00

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 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

Report to:
John Fergerson

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

Project Description:
Darr Angell No.4

City/State Collected:
Lea County NM

Please Circle:
PT MT CT ET

Phone: 432-640-9637

Client Project #
SRS #2001-10876

Lab Project #
PLAINSGHD-200110876

SDG # L1677920

Collected by (print):
Hector Orosco

Site/Facility ID #
SRS #2001-10876

P.O. #

Table #

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

Acctnum: PLAINSGHD
Template: T224907
Prelogin: P1036248
PM: 829 - Brittnie L Boyd
PB: NG 11/7/23

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl									Remarks	Sample # (lab only)
D4-MW-13R-111323		GW		11-13-23	1135	3	✓										-11
D4-MW-18-111323		GW		11-13-23	1120	3	✓										-12
D4-RW-19-111323		GW		11-13-23	1150	3	✓										-13
D4-MW-17-111323		GW		11-13-23	1210	3	✓										-14
D4-MW-3R-111323		GW		11-13-23	1220	3	✓										-15
D4-RW-15-111323		GW		11-13-23	1240	3	✓										-16
D4-RW-14-111323		GW		11-13-23	1300	3	✓										-17
D4-DUP1-111323		GW		11-13-23		3	✓										-18
D4-DUP2-111323		GW		11-13-23		3	✓										-19
		GW															

* 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	
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

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 346772

CONDITIONS

Operator:	OGRID:
PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	34053
	Action Number: 346772
	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. 4: content satisfactory 1. Continue with plans to sample on a semi-annual schedule for groundwater constituents (BTEX) 2. Install oil absorbent sock into RW-4R and RW-9 to passively recover residual oil. 3. Submit the 2024 annual report to OCD by April 1, 2025.	7/29/2024