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Your Ref.: AP-007
Our Ref.: 12604524-Buchanan-2

August 7, 2025

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

2024 Annual Groundwater Monitoring Report
Darr Angell No. 4
Plains All American Pipeline, L.P.
Lea County, New Mexico
New Mexico Oil Conservation Division Abatement Permit No. AP-007
Incident Number nAPP2108852096

Dear Mr. Buchanan:

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

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

Regards,

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Encl.: 2024 Annual Groundwater Monitoring Report

2024 Annual Groundwater Monitoring Report

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

Plains All American Pipeline, L.P.

August 7, 2025

→ The Power of Commitment

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1. Introduction and Site History

This report presents the results of the groundwater monitoring activities conducted during 2024 at the Plains All American Pipeline, L.P. (Plains) Darr Angell No. 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 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 were monitored quarterly in 2024 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. Due to prior analytical results meeting criteria of two consecutive years with concentrations less than NMWQCC Human Health Standard for PAH compounds, groundwater samples were not collected for analysis of PAH compounds in 2024. Historical PAH data is summarized in Table 3.

2. Groundwater Monitoring

Quarterly groundwater monitoring events were performed on February 12 - 13, May 9, August 8 - 9, and November 6, 2024. The monitoring program included quarterly groundwater gauging and sampling of monitoring and recovery wells.

2.1 Monitoring Well Gauging

On February 12 - 13, May 9, August 8, and November 6, 2024, GHD personnel measured the depth to groundwater in monitoring and recovery wells using an electronic oil/water interface probe (IP). The IP was cleaned with laboratory grade soap and purified water prior to gauging each monitoring or recovery well.

Based on the data collected in 2024, groundwater flow is generally east/northeast and is consistent with historical data for the Site. The groundwater gradient was calculated at 0.00012 foot per linear foot (ft/ft) in August and 0.0013 ft/ft in February, May, and November. The potentiometric surface indicates groundwater elevations decreased an average of 0.63 ft. between November 2023 and November 2024. Fluctuations in the elevation of the potentiometric surface are attributed to seasonal weather conditions. Groundwater potentiometric surface maps are presented as Figures 3 through 6.

Seven (RW-3R, RW-4R, RW-9, RW-10R, RW-16, RW-17, and RW-18) of the thirty monitoring and recovery wells at the Site contained LNAPL throughout 2024 with measurable thicknesses ranging from 0.03 feet (ft) in RW-4R in May to 3.64 ft in RW-3R in August 2024. LNAPL thickness decreased an average of 0.49 ft between November 2023 and November 2024. Depth to groundwater, LNAPL thickness, and calculated groundwater elevations are summarized in Tables 1a and 1b and represented on Figures 3 through 6.

2.2 Groundwater Sampling

Following gauging during each quarterly monitoring event in February, May, August, and November 2024, GHD utilized a monsoon pump 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 using disposable polyethylene bailers, placed in laboratory-provided sample containers, packed in a cooler with ice, and transported under Chain-of-Custody documentation to Pace Analytical Laboratory in Mt. Juliet, Tennessee in February and ALS Environmental Laboratory (ALS) in Houston, Texas in May, August, and November. Samples collected for each quarterly monitoring event were submitted for analysis of BTEX by the United States Environmental Protection Agency (USEPA) Method SW846-8021B for the February event and by the USEPA Method SW846-8260 for the May, August, and November events.

2.3 Quality Assurance/Quality Control

During each groundwater monitoring event, a field duplicate was collected as a Quality Assurance/Quality Control (QA/QC) sample and subsequently submitted for laboratory analysis. A trip blank was also 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 2024 are included in Appendix B. COC concentration maps are presented as Figures 7 through 10. Analytical results are summarized as follows:

– BTEX 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 2024.

3. Remediation Activities

Two 48-hour Mobile Dual Phase Extraction (MDPE) events took place on September 11-13 and November 25-27, 2024. Five recovery wells (RW-3R, RW-9, RW-10R, RW-16, and RW-17) were selected based on-Site-specific conditions to maximize the recovery of hydrocarbons. The MDPE events removed 51.5 gallons of hydrocarbons and 1,534 gallons of impacted groundwater in September and 34.9 gallons of hydrocarbons and 2,005 gallons of impacted groundwater in November. Recovered fluids were temporarily stored on-Site before being transported off-Site for disposal to an NMOCD-approved disposal facility. Disposal records are available upon request. The corresponding MDPE reports are included in Appendix C.

4. Summary and Recommendation

4.1 Summary

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

– LNAPL was gauged in seven of the thirty monitoring and recovery wells at the Site with thicknesses ranging from 0.03 ft in RW-4R in May to 3.64 ft in RW-3R in August 2024. Overall, the LNAPL thickness decreased by a net average of 0.49 ft between November 2023 and November 2024.
– The potentiometric surface indicates groundwater elevations have declined an average of 0.63 ft between November 2023 and November 2024.
– BTEX concentrations were below NMWQCC criteria for all monitoring and recovery wells sampled during the quarterly events in 2024.
– MDPE events removed 86.4 gallons of hydrocarbons and 3,539 gallons of impacted groundwater in 2024.

4.2 Recommendation

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

– Following the NMOCD approval on July 29, 2024, of the semi-annual sampling schedule proposed in the *2023 Annual Groundwater Monitoring Report*, initiate semi-annual groundwater monitoring events in 2025. Perform semi-annual groundwater monitoring events for sampling of groundwater and analysis of BTEX by USEPA Method SW846-8260 for all Site monitoring wells.
– Install hydrocarbon absorbent socks into RW-4R and RW-18 to passively recover residual LNAPL.

– Remove RW-5R, RW-14, RW-15, and MW-3R from the sampling schedule. These monitoring wells are either redundant on delineation boundary or redundant within the LNAPL/dissolved phase plume boundary. These wells will not be plugged and abandoned (P&A) and will remain in place for future remediation evaluations.

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 (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
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	76.9	-	-	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	77.3	-	-	3723.39	92.72
MW-1R	12/22/21		3800.69	77.39	-	-	3723.3	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	-	-	3722.8	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		3800.82	78.82	-	-	3722	-
MW-1R	8/10/23		3800.82	78.82	-	-	3722	-
MW-1R	11/9/23		3800.82	79.16	-	-	3721.66	-
MW-1R	2/13/24		3800.82	79.46	-	-	3721.36	92.78
MW-1R	5/9/24		3800.82	79.7	-	-	3721.12	92.8
MW-1R	8/8/24		3800.82	79.96	-	-	3720.86	90.95
MW-1R	11/6/24		3800.69	80.18	-	-	3720.51	93.76
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
MW-2R	10/25/21		3796.94	73.54	-	-	3723.4	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	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	-	-	3722.8	91.91
MW-2R	8/15/22		3796.94	74.29	-	-	3722.65	91.91
MW-2R	11/9/22		3796.94	74.5	-	-	3722.44	91.91
MW-2R	2/9/23		3796.94	74.77	-	-	3722.17	91.82
MW-2R	5/2/23		3797.13	75.06	-	-	3722.07	-
MW-2R	8/9/23		3797.13	75.17	-	-	3721.96	-
MW-2R	11/9/23		3797.13	75.42	-	-	3721.71	-
MW-2R	2/13/24		3797.13	75.62	-	-	3721.51	91.78
MW-2R	5/9/24		3797.13	75.85	-	-	3721.28	92
MW-2R	8/8/24		3797.13	76.12	-	-	3721.01	93.05
MW-2R	11/6/24		3796.94	76.36	-	-	3720.58	93.38
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	76.2	-	-	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	-	-	3722.85	83.82

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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		3799.57	77.65	-	-	3721.92	-
MW-3R	8/9/23		3799.57	77.87	-	-	3721.7	-
MW-3R	11/9/23		3799.57	78.11	-	-	3721.46	-
MW-3R	2/13/24		3799.57	78.35	-	-	3721.22	83.76
MW-3R	5/9/24		3799.57	77.6	-	-	3721.97	83.9
MW-3R	8/8/24		3799.57	78.87	-	-	3720.7	84.72
MW-3R	11/6/24		3799.85	79.19	-	-	3720.66	84.92
MW-4R	1/26/21		3799.39	74.5	-	-	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	-	-	3723.1	-
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	-	-	3723.5	90.11
MW-4R	4/14/22		3799.39	76.01	-	-	3723.38	90.11
MW-4R	5/5/22		3799.39	75.99	-	-	3723.4	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		3799.14	76.93	-	-	3722.21	-
MW-4R	8/10/23		3799.14	77.18	-	-	3721.96	-
MW-4R	11/9/23		3799.14	77.38	-	-	3721.76	-
MW-4R	2/13/24		3799.14	77.67	-	-	3721.47	90.02
MW-4R	5/9/24		3799.14	77.9	-	-	3721.24	90
MW-4R	8/8/24		3799.14	78.18	-	-	3720.96	91.02
MW-4R	11/6/24		3799.39	78.38	-	-	3721.01	90.24
MW-5R	1/26/21		3798.5	74.26	-	-	3724.24	-
MW-5R	2/9/21		3798.5	74.27	-	-	3724.23	92.72
MW-5R	3/25/21		3798.5	74.39	-	-	3724.11	-
MW-5R	4/28/21		3798.5	74.48	-	-	3724.02	-
MW-5R	5/20/21		3798.5	74.54	-	-	3723.96	-
MW-5R	7/26/21		3798.5	74.7	-	-	3723.8	-
MW-5R	8/12/21		3798.5	74.74	-	-	3723.76	92.75
MW-5R	9/28/21		3798.5	74.87	-	-	3723.63	90.72
MW-5R	10/25/21		3798.5	74.89	-	-	3723.61	90.72
MW-5R	11/11/21		3798.5	74.93	-	-	3723.57	90.72
MW-5R	12/22/21		3798.5	75.04	-	-	3723.46	90.72
MW-5R	1/28/22		3798.5	75.14	-	-	3723.36	90.72
MW-5R	2/14/22		3798.5	75.19	-	-	3723.31	92.78
MW-5R	3/14/22		3798.5	75.3	-	-	3723.2	92.78
MW-5R	4/14/22		3798.5	75.41	-	-	3723.09	92.78
MW-5R	5/6/22		3798.5	75.4	-	-	3723.1	92.78
MW-5R	6/13/22		3798.5	75.52	-	-	3722.98	92.78
MW-5R	8/15/22		3798.5	75.67	-	-	3722.83	92.78
MW-5R	11/9/22		3798.5	75.9	-	-	3722.6	92.78
MW-5R	2/9/23		3798.5	76.23	-	-	3722.27	92.71
MW-5R	5/2/23		3798.61	76.54	-	-	3722.07	-
MW-5R	8/10/23		3798.61	76.6	-	-	3722.01	-
MW-5R	11/9/23		3798.61	76.77	-	-	3721.84	-
MW-5R	2/13/24		3798.61	77.05	-	-	3721.56	92.61
MW-5R	5/9/24		3798.61	77.26	-	-	3721.35	92.8
MW-5R	8/8/24		3798.61	77.54	-	-	3721.07	92.98
MW-5R	11/6/24		3798.5	77.76	-	-	3720.74	92.74
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

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-7R	11/11/21		3798.04	74.39	-	-	3723.65	92.93
MW-7R	12/22/21		3798.04	74.5	-	-	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	-	-	3723.4	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		3798.12	75.98	-	-	3722.14	-
MW-7R	8/9/23		3798.12	76.61	-	-	3721.51	-
MW-7R	11/9/23		3798.12	76.19	-	-	3721.93	-
MW-7R	2/13/24		3798.12	76.47	-	-	3721.65	92.81
MW-7R	5/9/24		3798.12	76.7	-	-	3721.42	92.85
MW-7R	8/8/24		3798.12	76.97	-	-	3721.15	93.48
MW-7R	11/6/24		3798.04	77.2	-	-	3720.84	92.9
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	74.2	-	-	3724.27	-
MW-8R	5/20/21		3798.47	74.3	-	-	3724.17	-
MW-8R	7/26/21		3798.47	74.43	-	-	3724.04	-
MW-8R	8/12/21		3798.47	74.48	-	-	3723.99	88.9
MW-8R	9/28/21		3798.47	74.6	-	-	3723.87	88.77
MW-8R	10/25/21		3798.47	74.65	-	-	3723.82	88.77
MW-8R	11/11/21		3798.47	74.7	-	-	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	75.1	-	-	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	-	-	3723.2	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	88.1
MW-8R	5/3/23		3798.19	76.08	-	-	3722.11	-
MW-8R	8/9/23		3798.19	76.31	-	-	3721.88	-
MW-8R	11/9/23		3798.19	76.48	-	-	3721.71	-
MW-8R	2/13/24		3798.19	76.74	-	-	3721.45	88.04
MW-8R	5/9/24		3798.19	76.92	-	-	3721.27	88.4
MW-8R	8/8/24		3798.19	77.26	-	-	3720.93	88.85
MW-8R	11/6/24		3798.47	77.46	-	-	3721.01	89.09
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	5/20/21		3797.99	74.09	-	-	3723.9	-
MW-10R	7/26/21		3797.99	74.25	-	-	3723.74	-
MW-10R	8/12/21		3797.99	74.29	-	-	3723.7	89.09
MW-10R	9/28/21		3797.99	74.39	-	-	3723.6	89.09
MW-10R	10/25/21		3797.99	74.44	-	-	3723.55	89.09
MW-10R	11/11/21		3797.99	74.49	-	-	3723.5	89.09
MW-10R	12/22/21		3797.99	74.59	-	-	3723.4	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
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	-	-	3722.3	88.89
MW-10R	5/3/23		3797.76	75.87	-	-	3721.89	-
MW-10R	8/9/23		3797.76	76.1	-	-	3721.66	-
MW-10R	11/9/23		3797.76	76.31	-	-	3721.45	-
MW-10R	2/13/24		3797.76	76.56	-	-	3721.2	88.81
MW-10R	5/9/24		3797.76	76.8	-	-	3720.96	88.85
MW-10R	8/8/24		3797.76	77.06	-	-	3720.7	88.8
MW-10R	11/6/24		3797.99	77.28	-	-	3720.71	89.65

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-11R	1/26/21		3798.21	74.49	-	-	3723.72	-
MW-11R	2/9/21		3798.21	74.51	-	-	3723.7	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	-	-	3723.1	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	75.5	-	-	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	-	-	3722.6	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	76.1	-	-	3722.11	92.69
MW-11R	2/9/23		3798.21	76.39	-	-	3721.82	92.58
MW-11R	5/3/23		3798.33	76.72	-	-	3721.61	-
MW-11R	8/10/23		3798.33	76.79	-	-	3721.54	-
MW-11R	11/9/23		3798.33	76.99	-	-	3721.34	-
MW-11R	2/13/24		3798.33	77.25	-	-	3721.08	92.68
MW-11R	5/9/24		3798.33	77.56	-	-	3720.77	92.75
MW-11R	8/8/24		3798.33	77.78	-	-	3720.55	93.35
MW-11R	11/6/24		3798.21	78	-	-	3720.21	93.99
MW-12R	1/26/21		3800.06	75.93	-	-	3724.13	-
MW-12R	2/9/21		3800.06	75.96	-	-	3724.1	79.56
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	-	-	3723.2	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	77.2	-	-	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	-	-	3722.5	79.35
MW-12R	2/9/23		3800.06	77.83	-	-	3722.23	79.31
MW-12R	5/3/23		3799.81	78.05	-	-	3721.76	-
MW-12R	8/10/23		3799.81	78.25	-	-	3721.56	-
MW-12R	11/9/23		3799.81	78.45	-	-	3721.36	-
MW-12R	2/13/24		3799.81	78.73	-	-	3721.08	79.38
MW-12R	5/9/24	Dry	3799.81	-	-	-	-	-
MW-12R	8/8/24	Dry	3799.81	-	-	-	-	80.15
MW-12R	11/6/24		3800.06	79.4	-	-	3720.66	79.44
MW-13R	1/26/21		3800.21	76.41	-	-	3723.8	-
MW-13R	2/9/21		3800.21	76.45	-	-	3723.76	92.5
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	92.5
MW-13R	10/25/21		3800.21	77.01	-	-	3723.2	92.5
MW-13R	11/11/21		3800.21	77.08	-	-	3723.13	92.5
MW-13R	12/22/21		3800.21	77.14	-	-	3723.07	92.5
MW-13R	1/28/22		3800.21	77.26	-	-	3722.95	92.5
MW-13R	2/14/22		3800.21	77.32	-	-	3722.89	92.59
MW-13R	3/14/22		3800.21	77.41	-	-	3722.8	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

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
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	-	-	3722.4	92.59
MW-13R	11/9/22		3800.21	77.93	-	-	3722.28	92.59
MW-13R	2/9/23		3800.21	78.35	-	-	3721.86	92.59
MW-13R	5/3/23		3800.32	78.64	-	-	3721.68	-
MW-13R	8/10/23		3800.32	78.73	-	-	3721.59	-
MW-13R	11/9/23		3800.32	78.94	-	-	3721.38	-
MW-13R	2/13/24		3800.32	79.19	-	-	3721.13	92.63
MW-13R	5/9/24		3800.32	79.45	-	-	3720.87	92.65
MW-13R	8/8/24		3800.32	79.72	-	-	3720.6	93.58
MW-13R	11/6/24		3800.21	79.94	-	-	3720.27	92.72
MW-14	1/26/21	Dry	3798.18	-	-	-	-	72.98
MW-14	2/9/21	Dry	3798.18	-	-	-	-	73.1
MW-14	3/25/21	Dry	3798.18	-	-	-	-	72.98
MW-14	4/28/21	Dry	3798.18	-	-	-	-	73.05
MW-14	5/20/21	Dry	3798.18	-	-	-	-	72.96
MW-14	7/26/21	Dry	3798.18	-	-	-	-	72.48
MW-14	8/12/21	Dry	3798.18	-	-	-	-	73.03
MW-14	9/28/21	Dry	3798.18	-	-	-	-	73.1
MW-14	10/25/21	Dry	3798.18	-	-	-	-	73.1
MW-14	11/11/21	Dry	3798.18	-	-	-	-	73.1
MW-14	12/22/21	Dry	3798.18	-	-	-	-	73.1
MW-14	1/28/22	Dry	3798.18	-	-	-	-	73.1
MW-14	2/14/22	Dry	3798.18	-	-	-	-	72.98
MW-14	3/14/22	Dry	3798.18	-	-	-	-	72.98
MW-14	4/14/22	Dry	3798.18	-	-	-	-	72.98
MW-14	5/5/22	Dry	3798.18	-	-	-	-	72.98
MW-14	6/13/22	Dry	3798.18	-	-	-	-	72.98
MW-14	7/27/22	Dry	3798.18	-	-	-	-	72.98
MW-14	8/15/22	Dry	3798.18	-	-	-	-	72.98
MW-14	11/9/22	Dry	3798.18	-	-	-	-	72.98
MW-14	2/9/23	Dry	3798.18	-	-	-	-	73
MW-14	5/3/23	Dry	-	-	-	-	-	-
MW-14	8/9/23	Dry	-	-	-	-	-	-
MW-14	11/9/23	Dry	3798.18	-	-	-	-	-
MW-14	2/13/24	Dry	3798.18	-	-	-	-	73
MW-14	5/9/24	Dry	3798.18	-	-	-	-	-
MW-14	8/8/24	Dry	3798.18	-	-	-	-	73.95
MW-14	11/6/24	Dry	3798.18	-	-	-	-	73.05
MW-15	1/26/21	Dry	3798.04	-	-	-	-	73.62
MW-15	2/9/21	Dry	3798.04	-	-	-	-	73.7
MW-15	3/25/21	Dry	3798.04	-	-	-	-	73.63
MW-15	4/28/21	Dry	3798.04	-	-	-	-	73.7
MW-15	5/20/21	Dry	3798.04	-	-	-	-	73.62
MW-15	7/26/21	Dry	3798.04	-	-	-	-	73.62
MW-15	8/12/21	Dry	3798.04	-	-	-	-	73.7
MW-15	9/28/21	Dry	3798.04	-	-	-	-	73.7
MW-15	10/25/21	Dry	3798.04	-	-	-	-	73.7
MW-15	11/11/21	Dry	3798.04	-	-	-	-	73.7
MW-15	12/22/21	Dry	3798.04	-	-	-	-	73.7
MW-15	1/28/22	Dry	3798.04	-	-	-	-	73.7
MW-15	2/14/22	Dry	3798.04	-	-	-	-	73.6
MW-15	3/14/22	Dry	3798.04	-	-	-	-	73.6
MW-15	4/14/22	Dry	3798.04	-	-	-	-	73.6
MW-15	5/5/22	Dry	3798.04	-	-	-	-	73.6
MW-15	6/13/22	Dry	3798.04	-	-	-	-	73.6
MW-15	7/27/22	Dry	3798.04	-	-	-	-	73.6
MW-15	8/15/22	Dry	3798.04	-	-	-	-	73.6
MW-15	11/9/22	Dry	3798.04	-	-	-	-	73.6
MW-15	2/9/23	Dry	3798.04	-	-	-	-	73.65
MW-15	5/2/23	Dry	-	-	-	-	-	-
MW-15	8/9/23	Dry	-	-	-	-	-	-
MW-15	11/9/23	Dry	3798.04	-	-	-	-	-
MW-15	2/13/24	Dry	3798.04	-	-	-	-	73.64
MW-15	5/9/24	Dry	3798.04	-	-	-	-	-
MW-15	8/8/24	Dry	3798.04	-	-	-	-	74.05
MW-15	11/6/24	Dry	3798.04	-	-	-	-	74.15
MW-16	1/26/21		3798.01	73.38	-	-	3724.63	-
MW-16	2/9/21		3798.01	73.4	-	-	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	-

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NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-16	5/20/21		3798.01	73.62	-	-	3724.39	-
MW-16	7/26/21		3798.01	73.76	-	-	3724.25	73.9
MW-16	8/12/21		3798.01	73.85	-	-	3724.16	73.9
MW-16	9/28/21	Dry	3798.01	-	-	-	-	73.97
MW-16	10/25/21	Dry	3798.01	-	-	-	-	73.97
MW-16	11/11/21	Dry	3798.01	-	-	-	-	73.97
MW-16	12/22/21	Dry	3798.01	-	-	-	-	73.97
MW-16	1/28/22	Dry	3798.01	-	-	-	-	73.97
MW-16	2/14/22	Dry	3798.01	-	-	-	-	73.88
MW-16	3/14/22	Dry	3798.01	-	-	-	-	73.88
MW-16	4/14/22	Dry	3798.01	-	-	-	-	73.88
MW-16	5/5/22	Dry	3798.01	-	-	-	-	73.88
MW-16	6/13/22	Dry	3798.01	-	-	-	-	73.88
MW-16	7/27/22	Dry	3798.01	-	-	-	-	73.88
MW-16	8/15/22	Dry	3798.01	-	-	-	-	73.88
MW-16	11/9/22	Dry	3798.01	-	-	-	-	73.88
MW-16	2/9/23	Dry	3798.01	-	-	-	-	73.9
MW-16	5/2/23	Dry	-	-	-	-	-	-
MW-16	8/9/23	Dry	-	-	-	-	-	-
MW-16	11/9/23	Dry	3798.01	-	-	-	-	-
MW-16	2/13/24	Dry	3798.01	-	-	-	-	73.9
MW-16	5/9/24	Dry	3798.01	-	-	-	-	-
MW-16	8/8/24	Dry	3798.01	-	-	-	-	74.75
MW-16	11/6/24	Dry	3798.01	-	-	-	-	74.56
MW-17	1/26/21		3800.1	75.9	-	-	3724.2	-
MW-17	2/9/21		3800.1	75.92	-	-	3724.18	91.17
MW-17	3/25/21		3800.1	76.06	-	-	3724.04	-
MW-17	4/28/21		3800.1	76.08	-	-	3724.02	-
MW-17	5/20/21		3800.1	76.18	-	-	3723.92	-
MW-17	7/26/21		3800.1	76.33	-	-	3723.77	-
MW-17	8/12/21		3800.1	76.38	-	-	3723.72	91.2
MW-17	9/28/21		3800.1	76.5	-	-	3723.6	91.17
MW-17	10/25/21		3800.1	76.53	-	-	3723.57	91.17
MW-17	11/11/21		3800.1	76.58	-	-	3723.52	91.17
MW-17	12/22/21		3800.1	76.68	-	-	3723.42	91.17
MW-17	1/28/22		3800.1	76.82	-	-	3723.28	91.17
MW-17	2/14/22		3800.1	76.84	-	-	3723.26	90.78
MW-17	3/14/22		3800.1	76.96	-	-	3723.14	90.78
MW-17	4/14/22		3800.1	77.12	-	-	3722.98	90.78
MW-17	5/5/22		3800.1	77.04	-	-	3723.06	90.78
MW-17	6/13/22		3800.1	77.19	-	-	3722.91	90.78
MW-17	7/27/22		3800.1	77.26	-	-	3722.84	90.78
MW-17	8/15/22		3800.1	77.34	-	-	3722.76	90.78
MW-17	11/9/22		3800.1	77.52	-	-	3722.58	90.78
MW-17	2/9/23		3800.1	77.84	-	-	3722.26	90.81
MW-17	5/3/23		3799.5	78.02	-	-	3721.48	-
MW-17	7/6/23		3799.5	78.18	-	-	3721.32	-
MW-17	8/10/23		3799.5	78.2	-	-	3721.3	-
MW-17	11/9/23		3799.5	78.43	-	-	3721.07	-
MW-17	2/13/24		3799.5	78.69	-	-	3720.81	90.91
MW-17	5/9/24		3799.5	78.94	-	-	3720.56	91
MW-17	8/8/24		3799.5	79.22	-	-	3720.28	91.15
MW-17	11/6/24		3800.1	79.42	-	-	3720.68	91.84
MW-18	1/26/21		3799.94	76.3	-	-	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	-	-	3723.1	92.88
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	77.2	-	-	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	-	-	3722.3	92.75
MW-18	8/15/22		3799.94	77.71	-	-	3722.23	92.75

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
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		3800.11	78.49	-	-	3721.62	-
MW-18	8/10/23		3800.11	78.63	-	-	3721.48	-
MW-18	11/9/23		3800.11	78.82	-	-	3721.29	-
MW-18	2/13/24		3800.11	79.09	-	-	3721.02	92.78
MW-18	5/9/24		3800.11	78.34	-	-	3721.77	92.8
MW-18	8/8/24		3800.11	79.66	-	-	3720.45	93.1
MW-18	11/6/24		3799.94	79.83	-	-	3720.11	93.48
RW-3R	1/26/21		3800.09	-	-	-	-	-
RW-3R	2/9/21	LNAPL	3800.09	78.42	75.2	3.22	3724.278	83.85
RW-3R	3/25/21		3800.09	-	-	-	-	-
RW-3R	4/28/21		3800.09	-	-	-	-	-
RW-3R	5/20/21	LNAPL	3800.09	76.62	75.91	0.71	3724.045	-
RW-3R	7/26/21	LNAPL	3800.09	76.26	76.18	0.08	3723.895	-
RW-3R	8/12/21	LNAPL	3800.09	76.56	76.21	0.35	3723.813	-
RW-3R	9/28/21	LNAPL	3800.09	76.65	76.12	0.53	3723.869	83.85
RW-3R	10/25/21	LNAPL	3800.09	76.71	76.38	0.33	3723.647	83.85
RW-3R	11/11/21	LNAPL	3800.09	76.73	76.39	0.34	3723.635	83.85
RW-3R	12/22/21	LNAPL	3800.09	76.89	76.53	0.36	3723.492	83.85
RW-3R	1/28/22	LNAPL	3800.09	77.01	76.66	0.35	3723.364	83.85
RW-3R	2/14/22	LNAPL	3800.09	79.48	76.13	3.35	3723.323	83.76
RW-3R	3/7/22	LNAPL	3800.09	79.7	76.16	3.54	3723.257	83.76
RW-3R	3/7/22	LNAPL	3800.09	77.12	76.71	0.41	3723.302	83.76
RW-3R	3/14/22	LNAPL	3800.09	77.82	76.63	1.19	3723.234	83.76
RW-3R	3/21/22	LNAPL	3800.09	78.1	76.54	1.56	3723.254	83.76
RW-3R	3/21/22	LNAPL	3800.09	77.35	76.85	0.5	3723.145	83.76
RW-3R	3/28/22	LNAPL	3800.09	77.67	76.65	1.02	3723.246	83.76
RW-3R	3/28/22	LNAPL	3800.09	77.33	77.1	0.23	3722.946	83.76
RW-3R	4/4/22	LNAPL	3800.09	77.59	76.7	0.89	3723.221	83.76
RW-3R	4/14/22	LNAPL	3800.09	77.89	76.72	1.17	3723.148	83.76
RW-3R	4/18/22	LNAPL	3800.09	77.59	76.7	0.89	3723.221	83.76
RW-3R	4/25/22	LNAPL	3800.09	78.14	76.66	1.48	3723.149	83.76
RW-3R	4/25/22	LNAPL	3800.09	77.31	76.96	0.35	3723.063	83.76
RW-3R	5/5/22	LNAPL	3800.09	77.66	76.76	0.9	3723.159	83.76
RW-3R	5/9/22	LNAPL	3800.09	77.66	76.76	0.9	3723.159	83.76
RW-3R	6/3/22	LNAPL	3800.09	77.36	76.73	0.63	3723.24	83.76
RW-3R	6/13/22	LNAPL	3800.09	77.66	76.92	0.74	3723.029	83.76
RW-3R	7/27/22	LNAPL	3800.09	78.69	76.81	1.88	3722.923	83.76
RW-3R	8/23/22	LNAPL	3800.09	79.22	76.8	2.42	3722.83	83.76
RW-3R	9/30/22	LNAPL	3800.09	79.71	76.77	2.94	3722.761	83.76
RW-3R	9/30/22	LNAPL	3800.09	78.67	78.56	0.11	3721.509	83.76
RW-3R	11/9/22	LNAPL	3800.09	78.85	77.17	1.68	3722.601	83.76
RW-3R	12/15/22	LNAPL	3800.09	79.45	77.12	2.33	3722.527	83.76
RW-3R	1/13/23	LNAPL	3800.09	78.32	77.39	0.93	3722.523	83.76
RW-3R	2/17/23	LNAPL	3800.09	78.51	77.48	1.03	3722.414	83.74
RW-3R	3/6/23	LNAPL	3800.09	78.11	77.63	0.48	3722.369	83.74
RW-3R	3/21/23	LNAPL	3800.09	78.52	77.68	0.84	3722.25	83.74
RW-3R	4/13/23	LNAPL	3800.09	78.86	77.59	1.27	3722.259	83.74
RW-3R	4/28/23	LNAPL	3800.09	79.1	77.62	1.48	3722.189	83.74
RW-3R	5/3/23	LNAPL	3799.78	78.14	77.61	0.53	3722.069	-
RW-3R	5/15/23	LNAPL	3799.78	79.35	77.59	1.76	3721.856	-
RW-3R	5/22/23	LNAPL	3799.78	79.42	77.6	1.82	3721.834	-
RW-3R	6/12/23	LNAPL	3799.78	78.82	77.51	1.31	3722.021	-
RW-3R	6/26/23	LNAPL	3799.78	79.91	77.63	2.28	3721.717	-
RW-3R	7/6/23	LNAPL	3799.78	78.24	78.03	0.21	3721.71	-
RW-3R	8/10/23	LNAPL	3799.78	78.87	78	0.87	3721.615	-
RW-3R	8/31/23	LNAPL	3799.78	79.23	78	1.23	3721.546	-
RW-3R	9/7/23	LNAPL	3799.78	79.24	77.98	1.26	3721.561	-
RW-3R	9/14/23	LNAPL	3799.78	79.25	78	1.25	3721.542	-
RW-3R	10/19/23	LNAPL	3799.78	79.32	78.04	1.28	3721.497	-
RW-3R	10/23/23	LNAPL	3799.78	79.34	78.01	1.33	3721.517	-
RW-3R	11/9/23	LNAPL	3799.78	80.23	77.97	2.26	3721.381	-
RW-3R	2/13/24	LNAPL	3799.78	81.02	78.05	2.97	3721.166	83.74
RW-3R	5/9/24	LNAPL	3799.78	81.65	78.25	3.4	3720.884	83.78
RW-3R	8/8/24	LNAPL	3799.78	82.06	78.42	3.64	3720.668	83.84
RW-3R	11/6/24	LNAPL	3800.09	80.54	79.13	1.41	3720.692	87
RW-4R	1/26/21	LNAPL	3799.68	75.65	75.05	0.6	3724.516	-
RW-4R	2/9/21	LNAPL	3799.68	75.68	75.08	0.6	3724.486	84.65
RW-4R	3/25/21	LNAPL	3799.68	75.8	75.21	0.59	3724.358	-
RW-4R	4/28/21	LNAPL	3799.68	75.87	75.27	0.6	3724.296	-
RW-4R	5/20/21	LNAPL	3799.68	75.94	75.35	0.59	3724.218	-

Table 1a

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-4R	7/26/21	LNAPL	3799.68	76.09	75.49	0.6	3724.076	-
RW-4R	8/12/21	LNAPL	3799.68	76.15	75.53	0.62	3724.032	-
RW-4R	9/28/21	LNAPL	3799.68	76.25	75.62	0.63	3723.94	84.65
RW-4R	10/25/21	LNAPL	3799.68	76.3	75.68	0.62	3723.882	84.65
RW-4R	11/11/21	LNAPL	3799.68	76.29	75.69	0.6	3723.876	84.65
RW-4R	12/22/21	LNAPL	3799.68	76.44	75.84	0.6	3723.726	84.65
RW-4R	1/28/22	LNAPL	3799.68	76.55	75.95	0.6	3723.616	84.65
RW-4R	2/14/22	LNAPL	3799.68	76.54	75.97	0.57	3723.602	84.53
RW-4R	3/7/22	LNAPL	3799.68	76.65	76.04	0.61	3723.524	84.53
RW-4R	3/7/22	LNAPL	3799.68	76.42	76.24	0.18	3723.406	84.53
RW-4R	3/14/22	LNAPL	3799.68	76.5	76.15	0.35	3723.463	84.53
RW-4R	4/14/22	LNAPL	3799.68	76.43	76.11	0.32	3723.509	84.53
RW-4R	5/5/22	LNAPL	3799.68	76.61	76.23	0.38	3723.378	84.53
RW-4R	6/13/22	LNAPL	3799.68	76.75	76.35	0.4	3723.254	84.53
RW-4R	7/27/22	LNAPL	3799.68	76.85	76.43	0.42	3723.17	84.53
RW-4R	8/23/22	LNAPL	3799.68	76.94	76.32	0.62	3723.242	84.53
RW-4R	11/9/22	LNAPL	3799.68	77.2	76.25	0.95	3723.25	84.53
RW-4R	12/15/22	LNAPL	3799.68	74.46	74.36	0.1	3725.301	83.76
RW-4R	1/13/23	LNAPL	3799.68	76.96	76.93	0.03	3722.744	83.76
RW-4R	2/17/23	LNAPL	3799.68	77.05	77.02	0.03	3722.654	84.51
RW-4R	3/6/23	LNAPL	3799.68	77.12	77.06	0.06	3722.609	84.51
RW-4R	3/21/23	LNAPL	3799.68	77.18	77.14	0.04	3722.532	84.51
RW-4R	4/13/23	LNAPL	3799.68	77.23	77.18	0.05	3722.49	84.51
RW-4R	4/28/23	LNAPL	3799.68	77.3	77.25	0.05	3722.42	84.51
RW-4R	5/3/23	LNAPL	3799.38	77.28	77.23	0.05	3722.14	-
RW-4R	5/15/23	LNAPL	3799.38	77.3	77.27	0.03	3722.104	-
RW-4R	5/22/23	LNAPL	3799.38	77.3	77.28	0.02	3722.096	-
RW-4R	6/12/23	LNAPL	3799.38	77.24	77.17	0.07	3722.197	-
RW-4R	6/26/23	LNAPL	3799.38	77.42	77.4	0.02	3721.976	-
RW-4R	7/6/23	LNAPL	3799.38	77.45	77.41	0.04	3721.962	-
RW-4R	8/10/23	LNAPL	3799.38	77.51	77.49	0.02	3721.886	-
RW-4R	8/31/23	LNAPL	3799.38	77.56	77.55	0.01	3721.828	-
RW-4R	9/7/23	LNAPL	3799.38	77.53	77.51	0.02	3721.866	-
RW-4R	9/14/23	LNAPL	3799.38	77.53	77.47	0.06	3721.899	-
RW-4R	10/19/23	LNAPL	3799.38	77.54	77.5	0.04	3721.872	-
RW-4R	10/23/23	LNAPL	3799.38	77.56	77.53	0.03	3721.844	-
RW-4R	11/9/23	LNAPL	3799.38	77.74	77.72	0.02	3721.656	-
RW-4R	2/13/24	LNAPL	3799.38	77.56	77.51	0.05	3721.861	84.51
RW-4R	5/9/24	LNAPL	3799.38	78.16	78.13	0.03	3721.244	84.52
RW-4R	8/8/24	LNAPL	3799.38	78.39	78.35	0.04	3721.022	84.55
RW-4R	11/6/24	LNAPL	3799.68	78.72	78.68	0.04	3720.992	84.65
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	-	-	3724.26	-
RW-5R	7/26/21		3799.26	75.14	-	-	3724.12	-
RW-5R	8/12/21		3799.26	75.2	-	-	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	75.4	-	-	3723.86	87.05
RW-5R	12/22/21		3799.26	77.06	-	-	3722.2	87.05
RW-5R	1/28/22		3799.26	77.17	-	-	3722.09	87.05
RW-5R	2/14/22		3799.26	75.66	-	-	3723.6	83.8
RW-5R	2/18/22		3799.26	75.66	-	-	3723.6	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	75.8	-	-	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		3799.04	76.87	-	-	3722.17	-
RW-5R	8/10/23		3799.04	77.05	-	-	3721.99	-
RW-5R	11/9/23		3799.04	77.22	-	-	3721.82	-
RW-5R	2/13/24		3799.04	77.52	-	-	3721.52	86.78
RW-5R	5/9/24		3799.04	77.75	-	-	3721.29	86.75
RW-5R	8/8/24		3799.04	78	-	-	3721.04	86.84
RW-5R	11/6/24		3799.26	77.79	-	-	3721.47	89.1
RW-7	1/26/21	Dry	3799.47	-	-	-	-	73.6
RW-7	2/9/21	Dry	3799.47	-	-	-	-	73.73

Table 1a

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-7	3/25/21		3799.47	73.54	-	-	3725.93	-
RW-7	4/28/21	Dry	3799.47	-	-	-	-	73.58
RW-7	5/20/21	Dry	3799.47	-	-	-	-	73.6
RW-7	7/26/21		3799.47	73.51	-	-	3725.96	73.6
RW-7	8/12/21	Dry	3799.47	-	-	-	-	73.57
RW-7	9/28/21	Dry	3799.47	-	-	-	-	73.73
RW-7	10/25/21	Dry	3799.47	-	-	-	-	73.73
RW-7	11/11/21	Dry	3799.47	-	-	-	-	73.73
RW-7	12/22/21	Dry	3799.47	-	-	-	-	73.73
RW-7	1/28/22	Dry	3799.47	-	-	-	-	73.73
RW-7	2/14/22		3799.47	73.51	-	-	3725.96	73.62
RW-7	2/18/22	Dry	3799.47	-	-	-	-	73.62
RW-7	3/14/22	Dry	3799.47	-	-	-	-	73.62
RW-7	4/14/22	Dry	3799.47	-	-	-	-	73.62
RW-7	5/5/22	Dry	3799.47	-	-	-	-	73.62
RW-7	6/13/22	Dry	3799.47	-	-	-	-	73.62
RW-7	7/27/22	Dry	3799.47	-	-	-	-	73.62
RW-7	8/15/22	Dry	3799.47	-	-	-	-	73.62
RW-7	11/9/22	Dry	3799.47	-	-	-	-	73.62
RW-7	2/9/23	Dry	3799.47	-	-	-	-	73.63
RW-7	5/3/23	Dry	-	-	-	-	-	-
RW-7	11/9/23	Dry	3799.47	-	-	-	-	-
RW-7	2/13/24		3799.47	73.55	-	-	3725.92	73.65
RW-7	5/9/24	Dry	3799.47	-	-	-	-	73.62
RW-7	8/8/24	Dry	3799.47	-	-	-	-	73.68
RW-7	11/6/24	Dry	3799.47	-	-	-	-	-
RW-9	1/26/21	LNAPL	3800.02	74.38	74.3	0.08	3725.705	-
RW-9	2/9/21	LNAPL	3800.02	74.45	74.35	0.1	3725.651	74.53
RW-9	3/25/21	LNAPL	3800.02	74.42	74.34	0.08	3725.665	-
RW-9	4/28/21	LNAPL	3800.02	74.44	74.34	0.1	3725.661	-
RW-9	5/20/21	LNAPL	3800.02	74.41	74.3	0.11	3725.699	-
RW-9	7/26/21	LNAPL	3800.02	74.39	74.28	0.11	3725.719	74.4
RW-9	8/12/21	LNAPL	3800.02	74.4	74.32	0.08	3725.685	-
RW-9	9/28/21	LNAPL	3800.02	74.45	74.31	0.14	3725.683	74.53
RW-9	10/25/21	LNAPL	3800.02	74.5	74.35	0.15	3725.642	74.53
RW-9	11/11/21	LNAPL	3800.02	-	74.38	-	-	74.53
RW-9	12/22/21	LNAPL	3800.02	74.44	74.31	0.13	3725.685	74.53
RW-9	1/28/22	LNAPL	3800.02	-	74.44	-	-	74.53
RW-9	2/14/22	LNAPL	3800.02	74.35	74.28	0.07	3725.727	74.4
RW-9	3/7/22	LNAPL	3800.02	-	74.3	-	-	74.4
RW-9	3/14/22	Dry	3800.02	-	-	-	-	74.4
RW-9	4/14/22	Dry	3800.02	-	-	-	-	74.4
RW-9	5/5/22	LNAPL	3800.02	-	74.31	-	-	74.4
RW-9	6/13/22	LNAPL	3800.02	-	74.35	-	-	74.4
RW-9	7/27/22	LNAPL	3800.02	-	74.33	-	-	74.4
RW-9	8/23/22	LNAPL	3800.02	-	74.33	-	-	74.4
RW-9	11/9/22	LNAPL	3800.02	74.6	74.35	0.25	3725.623	84.53
RW-9	12/15/22	LNAPL	3800.02	77.29	76.81	0.48	3723.119	83.76
RW-9	1/13/23	LNAPL	3800.02	74.42	74.33	0.09	3725.673	83.76
RW-9	2/17/23	LNAPL	3800.02	74.4	74.34	0.06	3725.669	83.44
RW-9	3/6/23	Dry	3800.02	-	-	-	-	83.44
RW-9	3/21/23	LNAPL	3800.02	74.37	74.29	0.08	3725.715	83.44
RW-9	4/13/23	LNAPL	3800.02	74.42	74.33	0.09	3725.673	83.44
RW-9	4/28/23	LNAPL	3800.02	74.41	74.33	0.08	3725.675	83.44
RW-9	5/3/23	LNAPL	3799.79	74.4	74.33	0.07	3725.447	-
RW-9	5/15/23	LNAPL	3799.79	74.42	74.36	0.06	3725.419	-
RW-9	5/22/23	LNAPL	3799.79	74.41	74.35	0.06	3725.429	-
RW-9	6/12/23	LNAPL	3799.79	74.4	74.33	0.07	3725.447	-
RW-9	6/26/23		3799.79	74.41	-	-	3725.38	-
RW-9	7/6/23	LNAPL	3799.79	74.43	74.35	0.08	3725.425	-
RW-9	8/10/23	LNAPL	3799.79	74.41	74.31	0.1	3725.461	-
RW-9	10/19/23	Dry	3799.79	-	-	-	-	-
RW-9	10/23/23	Dry	-	-	-	-	-	-
RW-9	11/9/23	LNAPL	3799.79	77.37	74.36	3.01	3724.858	-
RW-9	2/13/24	LNAPL	3799.79	74.36	74.32	0.04	3725.462	83.44
RW-9	5/9/24	LNAPL	3799.79	74.37	74.32	0.05	3725.46	74.44
RW-9	8/8/24	LNAPL	3799.79	74.37	74.3	0.07	3725.477	74.5
RW-9	11/6/24	Dry	3800.02	-	-	-	-	-
RW-10R	1/26/21	LNAPL	3799.97	76.05	75.98	0.07	3723.977	-
RW-10R	2/9/21	LNAPL	3799.97	76.06	75.99	0.07	3723.967	92.95
RW-10R	3/25/21	LNAPL	3799.97	76.21	76.13	0.08	3723.825	-
RW-10R	4/28/21	LNAPL	3799.97	76.33	76.19	0.14	3723.753	-

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-10R	5/20/21	LNAPL	3799.97	76.38	76.27	0.11	3723.679	-
RW-10R	7/26/21	LNAPL	3799.97	76.59	76.41	0.18	3723.526	-
RW-10R	8/12/21	LNAPL	3799.97	76.68	76.47	0.21	3723.46	-
RW-10R	9/28/21	LNAPL	3799.97	76.8	76.58	0.22	3723.348	92.95
RW-10R	10/25/21	LNAPL	3799.97	76.84	76.64	0.2	3723.292	92.95
RW-10R	11/11/21	LNAPL	3799.97	76.93	76.65	0.28	3723.267	92.95
RW-10R	12/22/21	LNAPL	3799.97	76.99	76.77	0.22	3723.158	92.95
RW-10R	1/28/22	LNAPL	3799.97	77.12	76.89	0.23	3723.036	92.95
RW-10R	2/14/22	LNAPL	3799.97	-	76.84	-	-	92.88
RW-10R	2/18/22	LNAPL	3799.97	77.44	76.84	0.6	3723.016	92.88
RW-10R	3/7/22	LNAPL	3799.97	77.5	76.91	0.59	3722.948	92.88
RW-10R	3/7/22	LNAPL	3799.97	76.86	76.49	0.37	3723.41	92.88
RW-10R	3/14/22	LNAPL	3799.97	77.47	76.99	0.48	3722.889	92.88
RW-10R	4/14/22	LNAPL	3799.97	77.61	77.02	0.59	3722.838	92.88
RW-10R	5/6/22	LNAPL	3799.97	77.73	77.02	0.71	3722.815	92.88
RW-10R	6/13/22	LNAPL	3799.97	78.04	77.14	0.9	3722.659	92.88
RW-10R	6/30/22	LNAPL	3799.97	78.08	77.15	0.93	3722.643	92.88
RW-10R	7/5/22	LNAPL	3799.97	78.11	77.17	0.94	3722.621	92.88
RW-10R	7/22/22	LNAPL	3799.97	78.22	77.18	1.04	3722.592	92.88
RW-10R	7/22/22	LNAPL	3799.97	78.26	78.23	0.03	3721.734	92.88
RW-10R	7/27/22	LNAPL	3799.97	77.58	77.32	0.26	3722.601	92.88
RW-10R	8/23/22	LNAPL	3799.97	77.81	77.4	0.41	3722.492	92.88
RW-10R	11/9/22	LNAPL	3799.97	78.54	77.54	1	3722.24	92.88
RW-10R	12/15/22	LNAPL	3799.97	78.71	77.59	1.12	3722.167	83.76
RW-10R	1/13/23	LNAPL	3799.97	78.11	77.73	0.38	3722.168	83.76
RW-10R	2/17/23	LNAPL	3799.97	78.37	77.86	0.51	3722.01	92.85
RW-10R	3/6/23	LNAPL	3799.97	78.44	77.85	0.59	3722.008	92.85
RW-10R	3/21/23	LNAPL	3799.97	78.62	77.91	0.71	3721.925	92.85
RW-10R	4/13/23	LNAPL	3799.97	78.77	77.9	0.87	3721.905	92.85
RW-10R	4/28/23	LNAPL	3799.97	78.94	77.95	0.99	3721.832	92.85
RW-10R	5/3/23	LNAPL	3800.03	78.91	78.08	0.83	3721.792	-
RW-10R	5/15/23	LNAPL	3800.03	78.97	77.95	1.02	3721.886	-
RW-10R	5/22/23	LNAPL	3800.03	79.01	77.97	1.04	3721.862	-
RW-10R	6/12/23	LNAPL	3800.03	78.79	77.88	0.91	3721.977	-
RW-10R	6/26/23	LNAPL	3800.03	78.32	78.06	0.26	3721.921	-
RW-10R	7/6/23	LNAPL	3800.03	79.39	78.07	1.32	3721.709	-
RW-10R	8/10/23	LNAPL	3800.03	79.57	78.11	1.46	3721.643	-
RW-10R	8/17/23	LNAPL	3800.03	79.78	79.56	0.22	3720.428	-
RW-10R	8/31/23	LNAPL	3800.03	79.77	78.21	1.56	3721.524	-
RW-10R	9/7/23	LNAPL	3800.03	79.79	78.24	1.55	3721.496	-
RW-10R	9/14/23	LNAPL	3800.03	79.77	78.19	1.58	3721.54	-
RW-10R	9/28/23	LNAPL	3800.03	79.91	78.21	1.7	3721.497	-
RW-10R	10/19/23	LNAPL	3799.97	79.89	78.38	1.51	3721.303	-
RW-10R	10/23/23	LNAPL	3799.97	79.91	78.43	1.48	3721.259	-
RW-10R	11/9/23	LNAPL	3800.03	78.87	78.58	0.29	3721.395	-
RW-10R	2/13/24	LNAPL	3800.03	79.9	78.37	1.53	3721.369	92.85
RW-10R	5/9/24	LNAPL	3800.03	80.12	78.84	1.28	3720.947	92.78
RW-10R	11/6/24	LNAPL	3799.97	79.73	79.58	0.15	3720.362	93.73
RW-11	1/26/21	LNAPL	3798.72	-	73.47	-	-	73.5
RW-11	2/9/21	Dry	3798.72	-	-	-	-	73.49
RW-11	3/25/21	Dry	3798.72	-	-	-	-	73.41
RW-11	4/28/21	Dry	3798.72	-	-	-	-	-
RW-11	5/20/21	Dry	3798.72	-	-	-	-	73.4
RW-11	7/26/21	Dry	3798.72	-	-	-	-	73.65
RW-11	8/12/21	Dry	3798.72	-	-	-	-	73.45
RW-11	9/28/21	Dry	3798.72	-	-	-	-	73.49
RW-11	10/25/21	Dry	3798.72	-	-	-	-	73.49
RW-11	11/11/21	Dry	3798.72	-	-	-	-	73.49
RW-11	12/22/21	Dry	3798.72	-	-	-	-	73.49
RW-11	1/28/22	Dry	3798.72	-	-	-	-	73.49
RW-11	2/14/22	Dry	3798.72	-	-	-	-	73.38
RW-11	3/14/22	Dry	3798.72	-	-	-	-	73.38
RW-11	4/14/22	Dry	3798.72	-	-	-	-	73.38
RW-11	5/5/22	Dry	3798.72	-	-	-	-	73.38
RW-11	6/13/22	Dry	3798.72	-	-	-	-	73.38
RW-11	7/27/22	Dry	3798.72	-	-	-	-	73.38
RW-11	8/23/22	Dry	3798.72	-	-	-	-	73.38
RW-11	11/9/22	Dry	3798.72	-	-	-	-	73.38
RW-11	2/17/23	Dry	3798.72	-	-	-	-	73.4
RW-11	5/3/23	Dry	-	-	-	-	-	-
RW-11	11/9/23	Dry	3796.65	-	-	-	-	-
RW-11	2/13/24	Dry	3796.65	-	-	-	-	73.4
RW-11	5/9/24	Dry	3796.65	-	-	-	-	73.4

Table 1a

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Darr Angell No. 4
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NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-11	11/6/24	Dry	3796.65	-	-	-	-	-
RW-13	1/26/21		3800.62	73.94	-	-	3726.68	-
RW-13	2/9/21	Dry	3800.62	-	-	-	-	74.13
RW-13	3/25/21		3800.62	73.95	-	-	3726.67	-
RW-13	4/28/21	Dry	3800.62	-	-	-	-	74.12
RW-13	5/20/21	Dry	3800.62	-	-	-	-	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	-	-	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	Dry	3800.62	-	-	-	-	74.13
RW-13	2/14/22		3800.62	73.91	-	-	3726.71	74.02
RW-13	3/14/22	Dry	3800.62	-	-	-	-	74.02
RW-13	4/14/22	Dry	3800.62	-	-	-	-	74.02
RW-13	5/5/22		3800.62	73.97	-	-	3726.65	74.02
RW-13	6/13/22	Dry	3800.62	-	-	-	-	74.02
RW-13	7/27/22	Dry	3800.62	-	-	-	-	74.02
RW-13	8/15/22	Dry	3800.62	-	-	-	-	74.02
RW-13	11/9/22	Dry	3800.62	-	-	-	-	74.02
RW-13	2/9/23	Dry	3800.62	-	-	-	-	74.55
RW-13	5/3/23	Dry	-	-	-	-	-	-
RW-13	8/9/23	Dry	-	-	-	-	-	-
RW-13	11/9/23	Dry	3800.62	-	-	-	-	-
RW-13	2/13/24		3800.62	73.99	-	-	3726.63	74.03
RW-13	5/9/24	Dry	3800.62	-	-	-	-	74.04
RW-13	8/8/24	Dry	3800.62	-	-	-	-	74.13
RW-13	11/6/24	Dry	3800.62	-	-	-	-	-
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	-	-	3723.8	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
RW-14	2/9/23		3800.13	77.72	-	-	3722.41	83.3
RW-14	5/3/23		3799.81	77.93	-	-	3721.88	-
RW-14	8/10/23		3799.81	78.15	-	-	3721.66	-
RW-14	11/9/23		3799.81	87.36	-	-	3712.45	-
RW-14	2/13/24		3799.81	78.6	-	-	3721.21	83.24
RW-14	5/9/24		3799.81	78.87	-	-	3720.94	83.24
RW-14	8/8/24		3799.81	79.08	-	-	3720.73	83.3
RW-14	11/6/24		3800.13	79.41	-	-	3720.72	85
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	-	-	3724.23	-
RW-15	4/28/21		3800.23	76.06	-	-	3724.17	-
RW-15	5/20/21		3800.23	76.13	-	-	3724.1	-
RW-15	7/26/21		3800.23	76.28	-	-	3723.95	-
RW-15	8/12/21		3800.23	75.33	-	-	3724.9	83.35
RW-15	9/28/21		3800.23	76.45	-	-	3723.78	-
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	-	-	3723.6	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	76.9	-	-	3723.33	82.01
RW-15	4/14/22		3800.23	77.06	-	-	3723.17	82.01

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
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	77.2	-	-	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	-	-	3722.3	82.02
RW-15	5/3/23		3799.9	77.93	-	-	3721.97	-
RW-15	8/9/23		3799.9	78.15	-	-	3721.75	-
RW-15	11/9/23		3799.9	78.37	-	-	3721.53	-
RW-15	2/13/24		3799.9	78.62	-	-	3721.28	82.03
RW-15	5/9/24		3799.9	78.87	-	-	3721.03	82.02
RW-15	8/8/24		3799.9	79.08	-	-	3720.82	83.99
RW-15	11/6/24		3800.23	79.39	-	-	3720.84	84.8
RW-16	1/26/21		3800.19	-	-	-	-	-
RW-16	2/9/21	LNAPL	3800.19	75.85	75.78	0.07	3724.397	89.95
RW-16	3/25/21	LNAPL	3800.19	76.12	75.87	0.25	3724.272	-
RW-16	4/28/21	LNAPL	3800.19	76.08	75.92	0.16	3724.24	-
RW-16	5/20/21	LNAPL	3800.19	76.42	76	0.42	3724.11	-
RW-16	7/26/21	LNAPL	3800.19	76.68	76.13	0.55	3723.956	-
RW-16	8/12/21	LNAPL	3800.19	76.81	76.2	0.61	3723.874	-
RW-16	9/28/21	LNAPL	3800.19	76.97	76.26	0.71	3723.795	89.95
RW-16	10/25/21	LNAPL	3800.19	77.01	76.31	0.7	3723.747	89.95
RW-16	11/11/21	LNAPL	3800.19	77.13	76.35	0.78	3723.692	89.95
RW-16	12/22/21	LNAPL	3800.19	77.15	76.46	0.69	3723.599	89.95
RW-16	1/28/22	LNAPL	3800.19	77.27	76.5	0.77	3723.544	89.95
RW-16	2/14/22	LNAPL	3800.19	77.43	76.68	0.75	3723.367	89.81
RW-16	3/7/22	LNAPL	3800.19	77.51	76.65	0.86	3723.377	89.81
RW-16	3/7/22	LNAPL	3800.19	76.77	76.13	0.64	3723.938	89.81
RW-16	3/14/22	LNAPL	3800.19	77.28	76.77	0.51	3723.323	89.81
RW-16	4/14/22	LNAPL	3800.19	77.41	76.85	0.56	3723.234	89.81
RW-16	5/5/22	LNAPL	3800.19	77.38	76.84	0.54	3723.247	89.81
RW-16	6/13/22	LNAPL	3800.19	77.55	76.96	0.59	3723.118	89.81
RW-16	7/27/22	LNAPL	3800.19	77.64	77.05	0.59	3723.028	89.81
RW-16	8/23/22	LNAPL	3800.19	77.76	77.17	0.59	3722.908	89.81
RW-16	11/9/22	LNAPL	3800.19	78.08	77.37	0.71	3722.685	89.81
RW-16	12/15/22	LNAPL	3800.19	78.06	77.41	0.65	3722.656	89.81
RW-16	1/13/23	LNAPL	3800.19	77.75	77.53	0.22	3722.618	89.81
RW-16	2/17/23	LNAPL	3800.19	77.88	77.65	0.23	3722.496	89.83
RW-16	3/6/23	LNAPL	3800.19	77.93	77.69	0.24	3722.454	89.83
RW-16	3/21/23	LNAPL	3800.19	78.01	77.77	0.24	3722.375	89.83
RW-16	4/13/23	LNAPL	3800.19	78.04	77.8	0.24	3722.344	89.83
RW-16	4/28/23	LNAPL	3800.19	78.12	77.88	0.24	3722.264	89.83
RW-16	5/3/23	LNAPL	3799.9	78.08	77.85	0.23	3722.006	-
RW-16	5/15/23	LNAPL	3799.9	78.14	77.87	0.27	3721.979	-
RW-16	5/22/23	LNAPL	3799.9	78.21	77.87	0.34	3721.965	-
RW-16	6/12/23	LNAPL	3799.9	78.09	77.84	0.25	3722.012	-
RW-16	6/26/23	LNAPL	3799.9	78.31	78.06	0.25	3721.792	-
RW-16	7/6/23	LNAPL	3799.9	78.29	78.02	0.27	3721.829	-
RW-16	8/10/23	LNAPL	3799.9	78.35	78.11	0.24	3721.744	-
RW-16	8/31/23	LNAPL	3799.9	78.42	78.2	0.22	3721.658	-
RW-16	9/7/23	LNAPL	3799.9	78.4	78.26	0.14	3721.613	-
RW-16	9/14/23	LNAPL	3799.9	78.4	78.27	0.13	3721.605	-
RW-16	10/19/23	LNAPL	3799.9	78.42	78.21	0.21	3721.65	-
RW-16	10/23/23	LNAPL	3799.9	78.41	78.17	0.24	3721.684	-
RW-16	11/9/23	LNAPL	3799.9	78.46	78.35	0.11	3721.529	-
RW-16	2/13/24	LNAPL	3799.9	78.43	78.24	0.19	3721.624	89.83
RW-16	5/9/24	LNAPL	3799.9	79.1	78.78	0.32	3721.059	89.81
RW-16	8/8/24	LNAPL	3799.9	79.34	79	0.34	3720.835	89.85
RW-16	11/6/24	LNAPL	3800.19	79.44	79.38	0.06	3720.799	93.32
RW-17	1/26/21	LNAPL	3799.82	77.83	75.04	2.79	3724.25	-
RW-17	2/9/21	LNAPL	3799.82	77.98	75.04	2.94	3724.221	90.01
RW-17	3/25/21		3799.82	-	-	-	-	-
RW-17	4/28/21		3799.82	-	-	-	-	-
RW-17	5/20/21	LNAPL	3799.82	76.28	75.7	0.58	3724.01	-
RW-17	7/26/21	LNAPL	3799.82	76.1	75.97	0.13	3723.825	-
RW-17	8/12/21	LNAPL	3799.82	76.13	75.99	0.14	3723.803	-
RW-17	9/28/21	LNAPL	3799.82	76.68	76.04	0.64	3723.658	90.01
RW-17	10/25/21	LNAPL	3799.82	76.71	76.12	0.59	3723.588	90.01
RW-17	11/11/21	LNAPL	3799.82	76.73	76.16	0.57	3723.552	90.01
RW-17	12/22/21	LNAPL	3799.82	76.85	76.24	0.61	3723.464	90.01
RW-17	1/28/22	LNAPL	3799.82	76.98	76.36	0.62	3723.342	90.01
RW-17	2/14/22	LNAPL	3799.82	77.39	76.28	1.11	3723.329	89.81

Table 1a

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-17	3/7/22	LNAPL	3799.82	77.75	74.3	3.45	3724.865	89.81
RW-17	3/7/22	LNAPL	3799.82	75.89	75.12	0.77	3724.554	89.81
RW-17	3/14/22	LNAPL	3799.82	77.26	76.48	0.78	3723.192	89.81
RW-17	4/14/22	LNAPL	3799.82	77.03	76.56	0.47	3723.171	89.81
RW-17	5/5/22	LNAPL	3799.82	77.89	76.42	1.47	3723.121	89.81
RW-17	6/3/22	LNAPL	3799.82	77.13	76.75	0.38	3722.998	89.81
RW-17	6/10/22	LNAPL	3799.82	77.05	76.7	0.35	3723.053	89.81
RW-17	6/13/22	LNAPL	3799.82	77.02	76.73	0.29	3723.035	89.81
RW-17	7/27/22	LNAPL	3799.82	77.74	77.66	0.08	3722.145	89.81
RW-17	8/5/22	LNAPL	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	LNAPL	3799.82	77.43	76.9	0.53	3722.819	89.81
RW-17	9/1/22	LNAPL	3799.82	77.51	76.88	0.63	3722.82	89.81
RW-17	9/9/22	LNAPL	3799.82	77.61	76.86	0.75	3722.817	89.81
RW-17	11/9/22	LNAPL	3799.82	78.4	76.99	1.41	3722.562	89.81
RW-17	12/15/22	LNAPL	3799.82	78.59	77.01	1.58	3722.51	89.81
RW-17	1/13/23	LNAPL	3799.82	77.69	77.24	0.45	3722.494	89.81
RW-17	2/17/23	LNAPL	3799.82	77.98	77.32	0.66	3722.375	89.81
RW-17	3/6/23	LNAPL	3799.82	78.21	77.35	0.86	3722.307	89.81
RW-17	3/21/23	LNAPL	3799.82	78.34	77.46	0.88	3722.193	89.81
RW-17	4/13/23	LNAPL	3799.82	78.3	77.44	0.86	3722.217	89.81
RW-17	4/28/23	LNAPL	3799.82	78.41	77.49	0.92	3722.155	89.81
RW-17	5/3/23	LNAPL	3799.87	78.38	77.48	0.9	3722.219	-
RW-17	5/15/23	LNAPL	3799.87	78.45	77.51	0.94	3722.181	-
RW-17	5/22/23	LNAPL	3799.87	78.49	77.52	0.97	3722.166	-
RW-17	6/12/23	LNAPL	3799.87	78.35	77.46	0.89	3722.241	-
RW-17	6/26/23	LNAPL	3799.87	78.69	77.63	1.06	3722.039	-
RW-17	7/6/23	Dry	-	-	-	-	-	-
RW-17	8/10/23	LNAPL	3799.87	78.75	77.71	1.04	3721.962	-
RW-17	8/17/23	LNAPL	3799.87	79.14	78.88	0.26	3720.941	-
RW-17	8/31/23	LNAPL	3799.87	78.46	77.87	0.59	3721.888	-
RW-17	9/7/23	LNAPL	3799.87	78.45	77.88	0.57	3721.882	-
RW-17	9/14/23	LNAPL	3799.87	78.45	77.89	0.56	3721.874	-
RW-17	10/19/23	LNAPL	3799.87	78.49	77.88	0.61	3721.874	-
RW-17	10/23/23	LNAPL	3799.87	78.48	77.92	0.56	3721.844	-
RW-17	11/9/23	LNAPL	3799.87	78.7	78.02	0.68	3721.721	-
RW-17	2/13/24	LNAPL	3799.87	78.95	78.21	0.74	3721.519	89.81
RW-17	5/9/24	LNAPL	3799.87	79.24	78.45	0.79	3721.27	89.8
RW-17	8/8/24	LNAPL	3799.87	79.44	78.67	0.77	3721.054	89.9
RW-17	11/6/24	LNAPL	3799.82	79.22	79.07	0.15	3720.721	89.95
RW-18	1/26/21	LNAPL	3799.57	75.85	75.44	0.41	3724.052	-
RW-18	2/9/21	LNAPL	3799.57	75.97	75.44	0.53	3724.029	93.03
RW-18	3/25/21	LNAPL	3799.57	76.52	75.49	1.03	3723.884	-
RW-18	4/28/21	LNAPL	3799.57	76.98	75.49	1.49	3723.797	-
RW-18	5/20/21	LNAPL	3799.57	77.12	75.57	1.55	3723.706	-
RW-18	7/26/21	LNAPL	3799.57	77.77	75.58	2.19	3723.574	-
RW-18	8/12/21	LNAPL	3799.57	77.95	75.61	2.34	3723.515	-
RW-18	9/28/21	LNAPL	3799.57	78.33	75.62	2.71	3723.435	93.03
RW-18	10/25/21	LNAPL	3799.57	78.26	76	2.26	3723.141	93.03
RW-18	11/11/21	LNAPL	3799.57	77.23	75.98	1.25	3723.353	93.03
RW-18	12/22/21	LNAPL	3799.57	78.39	76.13	2.26	3723.01	93.03
RW-18	1/28/22	LNAPL	3799.57	78.55	76.26	2.29	3722.875	93.03
RW-18	2/14/22	LNAPL	3799.57	77.48	76.23	1.25	3723.103	93.08
RW-18	3/7/22	LNAPL	3799.57	77.65	76.29	1.36	3723.021	93.08
RW-18	3/14/22	LNAPL	3799.57	77.14	76.49	0.65	3722.957	93.08
RW-18	4/14/22	LNAPL	3799.57	77.3	76.51	0.79	3722.91	93.08
RW-18	5/6/22	LNAPL	3799.57	77.41	76.5	0.91	3722.897	93.08
RW-18	6/13/22	LNAPL	3799.57	77.74	76.6	1.14	3722.753	93.08
RW-18	6/30/22	LNAPL	3799.57	77.4	76.76	0.64	3722.688	93.08
RW-18	7/5/22	LNAPL	3799.57	77.37	76.73	0.64	3722.719	93.08
RW-18	7/22/22	LNAPL	3799.57	77.49	76.74	0.75	3722.688	93.08
RW-18	7/27/22	LNAPL	3799.57	77.51	76.77	0.74	3722.659	93.08
RW-18	8/23/22	LNAPL	3799.57	77.72	76.82	0.9	3722.579	93.08
RW-18	9/16/22	LNAPL	3799.57	77.84	76.8	1.04	3722.573	93.08
RW-18	9/30/22	LNAPL	3799.57	77.41	76.95	0.46	3722.533	93.08
RW-18	10/14/22	LNAPL	3800.57	77.46	77	0.46	3723.483	93.08
RW-18	10/21/22	LNAPL	3801.57	77.55	76.97	0.58	3724.49	93.08
RW-18	11/9/22	LNAPL	3799.57	77.59	77.08	0.51	3722.393	93.08
RW-18	11/18/22	LNAPL	3799.57	77.76	77.07	0.69	3722.369	93.08
RW-18	12/9/22	LNAPL	3799.57	77.76	77.07	0.69	3722.369	93.08
RW-18	12/15/22	LNAPL	3799.57	77.42	77.26	0.16	3722.28	93.08
RW-18	1/13/23	LNAPL	3799.57	77.54	77.25	0.29	3722.265	93.08
RW-18	2/17/23	LNAPL	3799.57	77.93	77.39	0.54	3722.08	92.97

Summary of Groundwater Gauging and Elevation Data (2021-2024)
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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-18	3/6/23	LNAPL	3799.57	78.01	77.35	0.66	3722.094	92.97
RW-18	3/21/23	LNAPL	3799.57	78.19	77.41	0.78	3722.012	92.97
RW-18	4/13/23	LNAPL	3799.57	78.33	77.42	0.91	3721.977	92.97
RW-18	4/28/23	LNAPL	3799.57	78.49	77.49	1	3721.89	92.97
RW-18	5/3/23	LNAPL	3799.61	78.58	77.57	1.01	3721.848	-
RW-18	5/15/23	LNAPL	3799.61	78.53	77.46	1.07	3721.947	-
RW-18	5/22/23	LNAPL	3799.61	78.58	77.46	1.12	3721.937	-
RW-18	6/12/23	LNAPL	3799.61	78.36	77.4	0.96	3722.028	-
RW-18	6/26/23	LNAPL	3799.61	78.87	77.59	1.28	3721.777	-
RW-18	7/6/23	LNAPL	3799.61	78.92	77.61	1.31	3721.751	-
RW-18	8/10/23	LNAPL	3799.61	79.06	77.63	1.43	3721.708	-
RW-18	8/17/23	LNAPL	3799.61	79.12	77.75	1.37	3721.6	-
RW-18	8/31/23	LNAPL	3799.61	78.71	77.79	0.92	3721.645	-
RW-18	9/7/23	LNAPL	3799.61	78.74	77.79	0.95	3721.639	-
RW-18	9/14/23	LNAPL	3799.61	78.75	77.81	0.94	3721.621	-
RW-18	9/28/23	LNAPL	3799.61	78.89	77.87	1.02	3721.546	-
RW-18	10/19/23	LNAPL	3799.57	78.7	77.83	0.87	3721.575	-
RW-18	10/23/23	LNAPL	3799.57	78.71	77.83	0.88	3721.573	-
RW-18	11/9/23	LNAPL	3799.61	78.24	78.23	0.01	3721.378	-
RW-18	2/13/24	LNAPL	3799.61	78.89	77.87	1.02	3721.546	92.97
RW-18	5/9/24	LNAPL	3799.61	79.03	78.49	0.54	3721.017	92.93
RW-18	8/8/24	LNAPL	3799.61	79.36	78.69	0.67	3720.793	93.1
RW-18	11/6/24	LNAPL	3799.57	79.73	79.01	0.72	3720.423	93.1
RW-19	1/26/21		3799.31	75.31	-	-	3724	-
RW-19	2/9/21		3799.31	75.31	-	-	3724	92.99
RW-19	3/25/21		3799.31	75.44	-	-	3723.87	-
RW-19	4/28/21		3799.31	75.51	-	-	3723.8	-
RW-19	5/20/21		3799.31	75.58	-	-	3723.73	-
RW-19	7/26/21		3799.31	75.71	-	-	3723.6	-
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	-	-	3722.6	92.82
RW-19	11/9/22		3799.31	76.91	-	-	3722.4	92.82
RW-19	2/9/23		3799.31	77.22	-	-	3722.09	92.85
RW-19	5/3/23		3799.36	77.48	-	-	3721.88	-
RW-19	8/10/23		3799.36	77.63	-	-	3721.73	-
RW-19	11/9/23		3799.36	77.81	-	-	3721.55	-
RW-19	2/13/24		3799.36	78.07	-	-	3721.29	92.83
RW-19	5/9/24		3799.36	78.33	-	-	3721.03	92.83
RW-19	8/8/24		3799.36	78.54	-	-	3720.82	92.86
RW-19	11/6/24		3799.31	78.87	-	-	3720.44	90.85

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

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-1A	9/6/11	LNAPL	3800.59	70.65	70.63	0.02	3729.956	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	71.5	-	-	3729.09	74.2
MW-1A	3/4/13		3800.59	71.66	-	-	3728.93	74.1
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	-	-	3727.4	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	Dry	3800.59	-	-	-	-	74.18
MW-1A	5/23/16	Dry	3800.59	-	-	-	-	-
MW-1A	8/29/16	Dry	3800.59	-	-	-	-	74.16
MW-1A	11/1/16	Dry	3800.59	-	-	-	-	79.18
MW-1A	3/3/17	Dry	3800.59	-	-	-	-	-
MW-1A	5/30/17	Dry	3800.59	-	-	-	-	79.25
MW-1A	8/28/17	Dry	3802.65	-	-	-	-	74.1
MW-1A	11/28/17	Dry	3802.65	-	-	-	-	74.08
MW-1A	2/26/18	Dry	3802.65	-	-	-	-	74.18
MW-1A	5/29/18	Dry	3802.65	-	-	-	-	-
MW-1A	8/27/18	Dry	3802.65	-	-	-	-	-
MW-1A	11/26/18	Dry	3802.65	-	-	-	-	74.17
MW-1A	2/26/19	Dry	3802.65	-	-	-	-	-
MW-1A	5/20/19	Dry	3802.65	-	-	-	-	74.03
MW-1A	7/22/19	Dry	3802.65	-	-	-	-	-
MW-1A	10/21/19	Dry	3802.65	-	-	-	-	74.19
MW-1A	2/19/20		3802.65	-	-	-	-	-
MW-1R	4/16/20		3800.69	75.77	-	-	3724.92	93.03
MW-1R	5/1/20		3800.69	75.89	-	-	3724.8	-
MW-1R	5/12/20		3800.69	75.9	-	-	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-2	6/15/11		3796.33	66.33	-	-	3730	68.8
MW-2	9/6/11		3796.33	66.53	-	-	3729.8	68.85
MW-2	11/29/11		3796.33	66.7	-	-	3729.63	68.9
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	67.3	-	-	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	Dry	3796.33	-	-	-	-	68.8
MW-2	2/25/14	Dry	3796.33	-	-	-	-	-
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	Dry	3796.33	-	-	-	-	-
MW-2	3/2/15		3796.33	68.78	-	-	3727.55	68.79
MW-2	6/1/15	Dry	3796.33	-	-	-	-	-
MW-2	8/11/15	Dry	3796.33	-	-	-	-	-
MW-2	11/30/15	Dry	3796.33	-	-	-	-	-
MW-2	2/8/16	Dry	3796.33	-	-	-	-	68.74
MW-2	5/23/16	Dry	3796.33	-	-	-	-	-
MW-2	8/29/16	Dry	3796.33	-	-	-	-	-
MW-2	11/1/16	Dry	3796.33	-	-	-	-	-
MW-2	3/3/17	Dry	3796.33	-	-	-	-	-
MW-2	5/30/17	Dry	3796.33	-	-	-	-	68.7
MW-2	8/28/17	Dry	3798.32	-	-	-	-	68.69
MW-2	11/28/17	Dry	3798.32	-	-	-	-	68.65
MW-2	2/26/18	Dry	3798.32	-	-	-	-	68.73

Table 1b

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-2	5/29/18	Dry	3798.32	-	-	-	-	68.73
MW-2	8/27/18	Dry	3798.32	-	-	-	-	68.73
MW-2	11/26/18	Dry	3798.32	-	-	-	-	68.72
MW-2	2/26/19	Dry	3798.32	-	-	-	-	-
MW-2	5/20/19	Dry	3798.32	-	-	-	-	-
MW-2	7/22/19	Dry	3798.32	-	-	-	-	-
MW-2	10/21/19	Dry	3798.32	-	-	-	-	68.7
MW-2	2/19/20		3798.32	-	-	-	-	-
MW-2R	4/13/20		3796.94	-	-	-	-	-
MW-2R	4/16/20		3796.94	72.07	-	-	3724.87	92.55
MW-2R	5/1/20		3796.94	72.2	-	-	3724.74	-
MW-2R	5/12/20		3796.94	72.2	-	-	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	72.5	-	-	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-3	6/15/11		3798.1	68.39	-	-	3729.71	68.92
MW-3	9/6/11		3798.1	68.55	-	-	3729.55	69.01
MW-3	11/29/11		3798.1	68.72	-	-	3729.38	69.05
MW-3	3/5/12		3798.1	68.88	-	-	3729.22	69.08
MW-3	6/5/12		3798.1	68.95	-	-	3729.15	69.02
MW-3	9/10/12	Dry	3798.1	-	-	-	-	68.93
MW-3	12/3/12	Dry	3798.1	-	-	-	-	68.95
MW-3	3/4/13	Dry	3798.1	-	-	-	-	69.04
MW-3	5/28/13	Dry	3798.1	-	-	-	-	-
MW-3	8/27/13	Dry	3798.1	-	-	-	-	-
MW-3	11/12/13	Dry	3798.1	-	-	-	-	69.05
MW-3	2/24/14	Dry	3798.1	-	-	-	-	-
MW-3	5/27/14	Dry	3798.1	-	-	-	-	-
MW-3	9/2/14	Dry	3798.1	-	-	-	-	-
MW-3	10/15/14		3798.1	-	-	-	-	-
MW-3R	11/18/14	LNAPL	3797.8	74.25	69.77	4.48	3727.179	85.12
MW-3R	3/2/15		3797.8	70.69	-	-	3727.11	84.98
MW-3R	6/1/15		3797.8	70.83	-	-	3726.97	-
MW-3R	8/11/15		3797.8	71	-	-	3726.8	-
MW-3R	11/30/15		3797.8	71.25	-	-	3726.55	-
MW-3R	2/8/16		3797.8	71.39	-	-	3726.41	84.93
MW-3R	5/23/16		3797.8	71.62	-	-	3726.18	-
MW-3R	8/29/16		3797.8	71.82	-	-	3725.98	-
MW-3R	8/31/16		3797.8	-	-	-	-	-
MW-3R	11/1/16		3797.8	72.03	-	-	3725.77	-
MW-3R	11/4/16		3797.8	-	-	-	-	-
MW-3R	3/3/17		3797.8	72.24	-	-	3725.56	84.43
MW-3R	5/16/17		3797.8	-	-	-	-	-
MW-3R	5/30/17		3797.8	72.42	-	-	3725.38	84.91
MW-3R	6/2/17		3797.8	-	-	-	-	-
MW-3R	8/28/17		3799.85	72.62	-	-	3727.23	83.95
MW-3R	11/28/17		3799.85	72.83	-	-	3727.02	83.84
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	-	-	3726.6	84.01
MW-3R	8/27/18		3799.85	73.39	-	-	3726.46	84.04
MW-3R	11/26/18		3799.85	73.65	-	-	3726.2	-
MW-3R	2/26/19		3799.85	73.89	-	-	3725.96	-
MW-3R	5/20/19		3799.85	74.1	-	-	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	-	-	3725.4	-
MW-3R	10/25/19		3799.85	-	-	-	-	-
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	74.9	-	-	3724.95	-
MW-3R	6/19/20		3799.85	75	-	-	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	-	-	3724.5	-
MW-3R	12/11/20		3799.85	75.44	-	-	3724.41	-
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

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-4	11/29/11		3797.73	68	-	-	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	-	-	3728.73	-
MW-4	8/27/13		3797.73	69.19	-	-	3728.54	70.04
MW-4	11/12/13		3797.73	69.33	-	-	3728.4	70.16
MW-4	2/24/14		3797.73	69.5	-	-	3728.23	70.15
MW-4	5/27/14		3797.73	69.71	-	-	3728.02	-
MW-4	9/2/14		3797.73	69.93	-	-	3727.8	-
MW-4	11/18/14		3797.73	70.06	-	-	3727.67	-
MW-4	3/2/15	Dry	3797.73	-	-	-	-	70.12
MW-4	6/2/15	Dry	3797.73	-	-	-	-	-
MW-4	8/11/15	Dry	3797.73	-	-	-	-	-
MW-4	11/30/15	Dry	3797.73	-	-	-	-	-
MW-4	2/8/16	Dry	3797.73	-	-	-	-	70.09
MW-4	5/23/16	Dry	3797.73	-	-	-	-	-
MW-4	8/29/16	Dry	3797.73	-	-	-	-	-
MW-4	11/1/16	Dry	3797.73	-	-	-	-	-
MW-4	2/23/17		3797.73	-	-	-	-	-
MW-4R	3/3/17		3799.39	-	-	-	-	-
MW-4R	5/30/17		3799.39	71.6	-	-	3727.79	90.8
MW-4R	8/10/17		3799.39	-	-	-	-	-
MW-4R	8/28/17		3799.39	71.8	-	-	3727.59	90.3
MW-4R	11/28/17		3799.39	72	-	-	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	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	-	-	-	-	-
MW-4R	10/21/19		3799.39	73.57	-	-	3725.82	-
MW-4R	10/25/19		3799.39	-	-	-	-	-
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	-
MW-4R	8/24/20		3799.39	74.4	-	-	3724.99	-
MW-4R	9/14/20		3799.39	74.49	-	-	3724.9	-
MW-4R	11/2/20		3799.39	74.59	-	-	3724.8	-
MW-4R	12/11/20		3799.39	74.7	-	-	3724.69	-
MW-5	6/15/11		3797.23	67.03	-	-	3730.2	70
MW-5	9/6/11		3797.23	67.22	-	-	3730.01	70.07
MW-5	11/29/11		3797.23	67.39	-	-	3729.84	70.1
MW-5	3/5/12		3797.23	67.55	-	-	3729.68	70.13
MW-5	6/5/12		3797.23	67.7	-	-	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	68.9	-	-	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	69.7	-	-	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	69.9	-	-	3727.33	-
MW-5	2/8/16	Dry	3797.23	-	-	-	-	70.17
MW-5	5/23/16	Dry	3797.23	-	-	-	-	-
MW-5	8/29/16	Dry	3797.23	-	-	-	-	-
MW-5	11/1/16	Dry	3797.23	-	-	-	-	-
MW-5	3/3/17	Dry	3797.23	-	-	-	-	-

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-5	5/30/17	Dry	3797.23	-	-	-	-	70.2
MW-5	8/28/17	Dry	3799.29	-	-	-	-	70.1
MW-5	11/28/17	Dry	3799.29	-	-	-	-	70.07
MW-5	2/26/18	Dry	3799.29	-	-	-	-	70.14
MW-5	5/29/18	Dry	3799.29	-	-	-	-	70.13
MW-5	8/27/18	Dry	3799.29	-	-	-	-	70.14
MW-5	11/26/18	Dry	3799.29	-	-	-	-	70.14
MW-5	2/26/19	Dry	3799.29	-	-	-	-	-
MW-5	5/20/19	Dry	3799.29	-	-	-	-	-
MW-5	7/22/19	Dry	3799.29	-	-	-	-	-
MW-5	10/21/19	Dry	3799.29	-	-	-	-	70.13
MW-5	2/19/20		3799.29	-	-	-	-	-
MW-5R	4/16/20		3798.5	73.5	-	-	3725	92.85
MW-5R	5/1/20		3798.5	73.53	-	-	3724.97	-
MW-5R	5/12/20		3798.5	73.56	-	-	3724.94	-
MW-5R	6/19/20		3798.5	73.64	-	-	3724.86	-
MW-5R	7/29/20		3798.5	73.77	-	-	3724.73	-
MW-5R	8/24/20		3798.5	73.81	-	-	3724.69	-
MW-5R	9/14/20		3798.5	73.9	-	-	3724.6	-
MW-5R	11/2/20		3798.5	74.01	-	-	3724.49	-
MW-5R	12/11/20		3798.5	74.11	-	-	3724.39	-
MW-6	6/15/11		3796.51	66.28	-	-	3730.23	69.2
MW-6	9/6/11		3796.51	66.5	-	-	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	70.3
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	69.2
MW-6	5/28/13		3796.51	67.61	-	-	3728.9	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	-	-	3728.2	-
MW-6	9/2/14		3796.51	68.57	-	-	3727.94	-
MW-6	11/18/14		3796.51	68.71	-	-	3727.8	-
MW-6	3/2/15		3796.51	68.88	-	-	3727.63	69.27
MW-6	6/1/15		3796.51	69.2	-	-	3727.31	-
MW-6	8/11/15		3796.51	69.2	-	-	3727.31	-
MW-6	11/30/15	Dry	3796.51	-	-	-	-	-
MW-6	2/8/16	Dry	3796.51	-	-	-	-	69.26
MW-6	5/23/16	Dry	3796.51	-	-	-	-	-
MW-6	8/30/16	Dry	3796.51	-	-	-	-	-
MW-6	11/1/16	Dry	3796.51	-	-	-	-	-
MW-6	3/3/17	Dry	3796.51	-	-	-	-	-
MW-6	5/30/17	Dry	3796.51	-	-	-	-	69.25
MW-6	8/28/17	Dry	3798.55	-	-	-	-	69.21
MW-6	11/28/17		3798.55	69.19	-	-	3729.36	69.2
MW-6	2/26/18	Dry	3798.55	-	-	-	-	69.23
MW-6	5/29/18	Dry	3798.55	-	-	-	-	69.25
MW-6	8/27/18	Dry	3798.55	-	-	-	-	69.23
MW-6	11/26/18	Dry	3798.55	-	-	-	-	69.2
MW-6	2/26/19	Dry	3798.55	-	-	-	-	-
MW-6	5/20/19	Dry	3798.55	-	-	-	-	-
MW-6	7/22/19	Dry	3798.55	-	-	-	-	-
MW-6	10/21/19	Dry	3798.55	-	-	-	-	69.2
MW-6	2/19/20		3798.55	-	-	-	-	-
MW-7	6/15/11		3796.16	65.86	-	-	3730.3	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	68.8
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	Dry	3796.16	-	-	-	-	68.8
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	67.9	-	-	3728.26	-
MW-7	9/3/14		3796.16	68.14	-	-	3728.02	-
MW-7	11/18/14		3796.16	68.31	-	-	3727.85	-

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
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	Dry	3796.16	-	-	-	-	-
MW-7	11/30/15	Dry	3796.16	-	-	-	-	68.83
MW-7	2/8/16	Dry	3796.16	-	-	-	-	68.78
MW-7	5/23/16	Dry	3796.16	-	-	-	-	-
MW-7	8/29/16	Dry	3796.16	-	-	-	-	-
MW-7	11/1/16	Dry	3796.16	-	-	-	-	-
MW-7	3/3/17	Dry	3796.16	-	-	-	-	-
MW-7	5/30/17	Dry	3796.16	-	-	-	-	68.7
MW-7	8/28/17	Dry	3798.24	-	-	-	-	68.67
MW-7	11/29/17	Dry	3798.24	-	-	-	-	68.74
MW-7	2/26/18	Dry	3798.24	-	-	-	-	73.64
MW-7	5/29/18	Dry	3798.24	-	-	-	-	73.61
MW-7	8/27/18	Dry	3798.24	-	-	-	-	68.69
MW-7	11/26/18	Dry	3798.24	-	-	-	-	68.68
MW-7	2/26/19	Dry	3798.24	-	-	-	-	-
MW-7	5/20/19	Dry	3798.24	-	-	-	-	-
MW-7	7/22/19	Dry	3798.24	-	-	-	-	-
MW-7	10/21/19	Dry	3798.24	-	-	-	-	68.7
MW-7	2/19/20		3798.24	-	-	-	-	-
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	73.1	-	-	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-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	66.2	-	-	3729.69	66.51
MW-8	3/5/12	LNAPL	3795.89	66.32	66.29	0.03	3729.594	66.55
MW-8	6/5/12	LNAPL	3795.89	66.5	66.46	0.04	3729.422	66.51
MW-8	9/10/12	Dry	3795.89	-	-	-	-	66.5
MW-8	12/3/12	Dry	3795.89	-	-	-	-	66.52
MW-8	3/4/13	Dry	3795.89	-	-	-	-	66.53
MW-8	5/28/13	Dry	3795.89	-	-	-	-	66.62
MW-8	8/27/13	Dry	3795.89	-	-	-	-	66.64
MW-8	11/12/13	Dry	3795.89	-	-	-	-	66.85
MW-8	2/24/14	Dry	3795.89	-	-	-	-	66.65
MW-8	5/27/14	Dry	3795.89	-	-	-	-	-
MW-8	9/2/14	Dry	3795.89	-	-	-	-	-
MW-8	11/18/14	Dry	3795.89	-	-	-	-	-
MW-8	3/2/15	Dry	3795.89	-	-	-	-	66.76
MW-8	6/1/15	Dry	3795.89	-	-	-	-	-
MW-8	8/11/15	Dry	3795.89	-	-	-	-	-
MW-8	11/30/15	Dry	3795.89	-	-	-	-	-
MW-8	2/8/16	Dry	3795.89	-	-	-	-	66.75
MW-8	5/23/16	Dry	3795.89	-	-	-	-	-
MW-8	8/30/16	Dry	3795.89	-	-	-	-	-
MW-8	11/1/16	Dry	3795.89	-	-	-	-	-
MW-8	2/23/17		3795.89	-	-	-	-	-
MW-8R	3/3/17		3798.47	-	-	-	-	-
MW-8R	5/16/17		3798.47	-	-	-	-	-
MW-8R	5/30/17		3798.47	70.8	-	-	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	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	-	-	-	-	-

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
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
MW-8R	2/26/19		3798.47	72.28	-	-	3726.19	-
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-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	73.3	-	-	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	-	-	3724.9	-
MW-8R	9/14/20		3798.47	73.68	-	-	3724.79	-
MW-8R	11/2/20		3798.47	73.75	-	-	3724.72	-
MW-8R	12/11/20		3798.47	73.86	-	-	3724.61	-
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	69.7
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	-	-	3728.6	69.3
MW-9	5/28/13		3795.66	67.24	-	-	3728.42	69.32
MW-9	8/27/13		3795.66	67.4	-	-	3728.26	68.4
MW-9	11/12/13		3795.66	67.55	-	-	3728.11	69.41
MW-9	2/24/14		3795.66	67.72	-	-	3727.94	69.4
MW-9	5/27/14		3795.66	67.92	-	-	3727.74	69.4
MW-9	9/2/14		3795.66	68.13	-	-	3727.53	69.4
MW-9	11/18/14		3795.66	68.3	-	-	3727.36	69.4
MW-9	3/2/15		3795.66	68.53	-	-	3727.13	69.48
MW-9	6/2/15		3795.66	68.66	-	-	3727	-
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	Dry	3795.66	-	-	-	-	69.47
MW-9	5/23/16	Dry	3795.66	-	-	-	-	-
MW-9	8/30/16		3795.66	69.38	-	-	3726.28	-
MW-9	11/1/16	Dry	3795.66	-	-	-	-	-
MW-9	3/3/17	Dry	3795.66	-	-	-	-	-
MW-9	5/30/17	Dry	3795.66	-	-	-	-	69.48
MW-9	8/28/17	Dry	3797.73	-	-	-	-	69.4
MW-9	11/28/17	Dry	3797.73	-	-	-	-	69.38
MW-9	2/26/18	Dry	3797.73	-	-	-	-	69.45
MW-9	5/29/18	Dry	3797.73	-	-	-	-	69.48
MW-9	8/27/18	Dry	3797.73	-	-	-	-	69.45
MW-9	11/26/18	Dry	3797.73	-	-	-	-	69.41
MW-9	2/26/19	Dry	3797.73	-	-	-	-	-
MW-9	5/20/19	Dry	3797.73	-	-	-	-	-
MW-9	7/22/19	Dry	3797.73	-	-	-	-	-
MW-9	10/21/19	Dry	3797.73	-	-	-	-	69.4
MW-9	2/19/20		3797.73	-	-	-	-	-
MW-10	6/15/11		3796.23	66.63	-	-	3729.6	69.2
MW-10	9/6/11		3796.23	66.8	-	-	3729.43	69.28
MW-10	11/29/11		3796.23	66.97	-	-	3729.26	70.4
MW-10	3/5/12		3796.23	67.11	-	-	3729.12	-
MW-10	6/5/12		3796.23	67.26	-	-	3728.97	69.4
MW-10	9/10/12		3796.23	66.51	-	-	3729.72	69.46
MW-10	12/3/12		3796.23	67.6	-	-	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	-	-	3728.3	69.45

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
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	Dry	3796.23	-	-	-	-	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	-	-	3727.2	-
MW-10	3/2/15		3796.23	69.24	-	-	3726.99	69.65
MW-10	6/1/15		3796.23	69.3	-	-	3726.93	69.56
MW-10	8/11/15	Dry	3796.23	-	-	-	-	69.59
MW-10	11/30/15	Dry	3796.23	-	-	-	-	69.65
MW-10	2/8/16	Dry	3796.23	-	-	-	-	63.64
MW-10	5/23/16	Dry	3796.23	-	-	-	-	-
MW-10	8/29/16	Dry	3796.23	-	-	-	-	-
MW-10	11/1/16		3796.23	69.59	-	-	3726.64	-
MW-10	2/23/17		3796.23	-	-	-	-	-
MW-10R	3/3/17		3797.99	-	-	-	-	-
MW-10R	5/30/17		3797.99	70.6	-	-	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	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	71.5	-	-	3726.49	89.3
MW-10R	8/27/18		3797.99	71.62	-	-	3726.37	89.07
MW-10R	11/26/18		3797.99	71.89	-	-	3726.1	-
MW-10R	2/26/19		3797.99	72.11	-	-	3725.88	-
MW-10R	5/20/19		3797.99	72.32	-	-	3725.67	-
MW-10R	7/22/19		3797.99	72.5	-	-	3725.49	-
MW-10R	7/25/19		3797.99	-	-	-	-	-
MW-10R	9/3/19		3797.99	-	-	-	-	-
MW-10R	10/21/19		3797.99	72.7	-	-	3725.29	-
MW-10R	10/24/19		3797.99	-	-	-	-	-
MW-10R	12/11/19		3797.99	-	-	-	-	-
MW-10R	2/12/20		3797.99	72.95	-	-	3725.04	79.3
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-11	6/15/11		3796.58	67.11	-	-	3729.47	70.03
MW-11	9/6/11		3796.58	67.28	-	-	3729.3	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	70.1
MW-11	9/10/12		3796.58	67.96	-	-	3728.62	70.11
MW-11	12/3/12		3796.58	68.1	-	-	3728.48	70.1
MW-11	3/4/13		3796.58	68.25	-	-	3728.33	70.06
MW-11	5/28/13		3796.58	68.42	-	-	3728.16	-
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	Dry	3796.58	-	-	-	-	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	70.2
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	Dry	3796.58	-	-	-	-	-
MW-11	2/8/16	Dry	3796.58	-	-	-	-	70.17
MW-11	5/23/16	Dry	3796.58	-	-	-	-	-
MW-11	8/29/16	Dry	3796.58	-	-	-	-	-
MW-11	11/1/16	Dry	3796.58	-	-	-	-	-
MW-11	3/3/17	Dry	3796.58	-	-	-	-	-
MW-11	5/30/17	Dry	3796.58	-	-	-	-	70.3

Table 1b

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-11	8/28/17	Dry	3798.67	-	-	-	-	70.08
MW-11	11/28/17	Dry	3798.67	-	-	-	-	70.07
MW-11	2/26/18	Dry	3798.67	-	-	-	-	70.18
MW-11	5/29/18	Dry	3798.67	-	-	-	-	70.2
MW-11	8/27/18	Dry	3798.67	-	-	-	-	70.18
MW-11	11/26/18	Dry	3798.67	-	-	-	-	70.15
MW-11	2/26/19	Dry	3798.67	-	-	-	-	-
MW-11	5/20/19	Dry	3798.67	-	-	-	-	-
MW-11	7/22/19	Dry	3798.67	-	-	-	-	-
MW-11	10/21/19	Dry	3798.67	-	-	-	-	70.12
MW-11	2/19/20		3798.67	-	-	-	-	-
MW-11R	4/16/20		3798.21	73.66	-	-	3724.55	92.8
MW-11R	5/1/20		3798.21	73.77	-	-	3724.44	-
MW-11R	5/12/20		3798.21	73.8	-	-	3724.41	-
MW-11R	6/19/20		3798.21	73.91	-	-	3724.3	-
MW-11R	7/29/20		3798.21	74	-	-	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-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	-	-	3729.3	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	69.7
MW-12	9/10/12		3798.03	69.2	-	-	3728.83	69.71
MW-12	12/3/12	Dry	3798.03	-	-	-	-	69.77
MW-12	3/4/13		3798.03	69.54	-	-	3728.49	69.63
MW-12	5/28/13	Dry	3798.03	-	-	-	-	69.6
MW-12	8/27/13	Dry	3798.03	-	-	-	-	69.65
MW-12	11/12/13	Dry	3798.03	-	-	-	-	69.66
MW-12	2/24/14	Dry	3798.03	-	-	-	-	69.63
MW-12	5/27/14	Dry	3798.03	-	-	-	-	-
MW-12	9/2/14	Dry	3798.03	-	-	-	-	-
MW-12	10/15/14		3798.03	-	-	-	-	-
MW-12R	11/18/14		3798	70.8	-	-	3727.2	83.85
MW-12R	3/2/15		3798	71.02	-	-	3726.98	83.19
MW-12R	6/1/15		3798	71.16	-	-	3726.84	-
MW-12R	8/11/15		3798	71.34	-	-	3726.66	-
MW-12R	11/30/15		3798	71.6	-	-	3726.4	-
MW-12R	2/8/16		3798	71.72	-	-	3726.28	82.53
MW-12R	5/23/16		3798	71.96	-	-	3726.04	82.53
MW-12R	8/9/16		3798	-	-	-	-	-
MW-12R	8/29/16		3798	72.13	-	-	3725.87	82.53
MW-12R	8/31/16		3798	-	-	-	-	-
MW-12R	11/1/16		3798	72.34	-	-	3725.66	82.53
MW-12R	11/4/16		3798	-	-	-	-	-
MW-12R	3/3/17		3798	72.56	-	-	3725.44	81.04
MW-12R	5/16/17		3798	-	-	-	-	-
MW-12R	5/30/17		3798	72.75	-	-	3725.25	81.4
MW-12R	6/2/17		3798	-	-	-	-	-
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	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	79.8
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	73.6	-	-	3726.46	79.6
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	74.2	-	-	3725.86	-
MW-12R	5/20/19		3800.06	74.4	-	-	3725.66	-
MW-12R	7/22/19		3800.06	74.6	-	-	3725.46	-

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
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-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	75.5	-	-	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-13	6/15/11		3799.65	69.63	-	-	3730.02	69.72
MW-13	9/6/11		3799.65	69.65	-	-	3730	69.74
MW-13	11/29/11		3799.65	69.65	-	-	3730	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	69.72
MW-13	9/10/12	Dry	3799.65	-	-	-	-	69.72
MW-13	12/3/12	Dry	3799.65	-	-	-	-	69.75
MW-13	3/4/13	Dry	3799.65	-	-	-	-	69.74
MW-13	5/28/13	Dry	3799.65	-	-	-	-	69.73
MW-13	8/27/13	Dry	3799.65	-	-	-	-	69.75
MW-13	11/12/13	Dry	3799.65	-	-	-	-	69.76
MW-13	2/24/14	Dry	3799.65	-	-	-	-	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	Dry	3799.65	-	-	-	-	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	Dry	3799.65	-	-	-	-	69.71
MW-13	11/30/15	Dry	3799.65	-	-	-	-	69.78
MW-13	2/8/16	Dry	3799.65	-	-	-	-	69.77
MW-13	5/23/16	Dry	3799.65	-	-	-	-	-
MW-13	8/29/16	Dry	3799.65	-	-	-	-	-
MW-13	11/1/16	Dry	3799.65	-	-	-	-	-
MW-13	3/3/17	Dry	3799.65	-	-	-	-	-
MW-13	5/30/17	Dry	3799.65	-	-	-	-	-
MW-13	8/28/17	Dry	3801.72	-	-	-	-	69.68
MW-13	11/28/17		3801.72	69.66	-	-	3732.06	69.67
MW-13	2/26/18	Dry	3801.72	-	-	-	-	69.75
MW-13	5/29/18	Dry	3801.72	-	-	-	-	69.78
MW-13	8/27/18	Dry	3801.72	-	-	-	-	69.75
MW-13	11/26/18	Dry	3801.72	-	-	-	-	69.75
MW-13	2/26/19	Dry	3801.72	-	-	-	-	-
MW-13	5/20/19	Dry	3801.72	-	-	-	-	-
MW-13	7/22/19	Dry	3801.72	-	-	-	-	-
MW-13	10/21/19	Dry	3801.72	-	-	-	-	69.72
MW-13	2/19/20		3801.72	-	-	-	-	-
MW-13R	4/16/20		3800.21	75.56	-	-	3724.65	92.7
MW-13R	5/1/20		3800.21	75.68	-	-	3724.53	-
MW-13R	5/12/20		3800.21	75.7	-	-	3724.51	-
MW-13R	6/19/20		3800.21	75.82	-	-	3724.39	-
MW-13R	7/29/20		3800.21	75.9	-	-	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-14	6/15/11		3796.1	66.68	-	-	3729.42	72.72
MW-14	9/6/11		3796.1	66.76	-	-	3729.34	72.7
MW-14	11/29/11		3796.1	66.95	-	-	3729.15	72.82
MW-14	3/5/12		3796.1	67.06	-	-	3729.04	72.86
MW-14	6/5/12		3796.1	67.26	-	-	3728.84	72.72
MW-14	9/10/12		3796.1	67.42	-	-	3728.68	72.66
MW-14	12/3/12		3796.1	67.66	-	-	3728.44	72.9
MW-14	3/4/13		3796.1	67.72	-	-	3728.38	72.65
MW-14	5/28/13		3796.1	67.88	-	-	3728.22	72.62
MW-14	8/27/13		3796.1	68.06	-	-	3728.04	72.61
MW-14	11/12/13		3796.1	68.21	-	-	3727.89	71.68
MW-14	2/24/14		3796.1	68.38	-	-	3727.72	72.71
MW-14	5/27/14		3796.1	68.56	-	-	3727.54	72.71
MW-14	9/2/14		3796.1	68.77	-	-	3727.33	72.71
MW-14	11/18/14		3796.1	69	-	-	3727.1	72.71

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-14	3/2/15		3796.1	69.17	-	-	3726.93	72.69
MW-14	6/1/15		3796.1	69.79	-	-	3726.31	-
MW-14	8/11/15		3796.1	69.49	-	-	3726.61	-
MW-14	11/30/15		3796.1	69.71	-	-	3726.39	-
MW-14	2/8/16		3796.1	69.88	-	-	3726.22	-
MW-14	5/23/16		3796.1	70.1	-	-	3726	-
MW-14	8/29/16		3796.1	70.27	-	-	3725.83	-
MW-14	8/31/16		3796.1	-	-	-	-	-
MW-14	11/1/16		3796.1	70.43	-	-	3725.67	-
MW-14	11/4/16		3796.1	-	-	-	-	-
MW-14	3/3/17		3796.1	70.68	-	-	3725.42	72.63
MW-14	5/30/17		3796.1	70.9	-	-	3725.2	73.01
MW-14	6/2/17		3796.1	-	-	-	-	-
MW-14	8/28/17		3798.18	71.1	-	-	3727.08	72.89
MW-14	11/28/17		3798.18	71.3	-	-	3726.88	72.9
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
MW-14	8/27/18		3798.18	71.82	-	-	3726.36	73.03
MW-14	11/26/18		3798.18	72.1	-	-	3726.08	73.08
MW-14	2/26/19		3798.18	72.28	-	-	3725.9	-
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-14	2/12/20		3798.18	72.94	-	-	3725.24	73.15
MW-14	5/1/20	Dry	3798.18	-	-	-	-	-
MW-14	5/12/20	Dry	3798.18	-	-	-	-	-
MW-14	6/19/20	Dry	3798.18	-	-	-	-	-
MW-14	7/29/20	Dry	3798.18	-	-	-	-	73.04
MW-14	8/24/20	Dry	3798.18	-	-	-	-	72.97
MW-14	9/14/20		3798.18	73	-	-	3725.18	-
MW-14	11/2/20	Dry	3798.18	-	-	-	-	72.99
MW-14	12/11/20	Dry	3798.18	-	-	-	-	73
MW-15	6/15/11		3795.96	65.5	-	-	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
MW-15	9/10/12		3795.96	67.36	-	-	3728.6	73.21
MW-15	12/3/12		3795.96	67.55	-	-	3728.41	73.2
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
MW-15	5/27/14		3795.96	68.52	-	-	3727.44	73
MW-15	9/2/14		3795.96	68.73	-	-	3727.23	73
MW-15	11/18/14		3795.96	68.95	-	-	3727.01	73
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	69.7	-	-	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	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	5/30/17		3795.96	70.8	-	-	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	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	73.5
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	5/20/19		3798.04	72.5	-	-	3725.54	-
MW-15	7/22/19		3798.04	72.66	-	-	3725.38	-
MW-15	10/21/19		3798.04	72.9	-	-	3725.14	-

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-15	10/24/19		3798.04	-	-	-	-	-
MW-15	2/12/20		3798.04	73.11	-	-	3724.93	74.45
MW-15	5/1/20		3798.04	73.44	-	-	3724.6	-
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	Dry	3798.04	-	-	-	-	73.65
MW-15	12/11/20	Dry	3798.04	-	-	-	-	73.67
MW-16	6/15/11		3795.93	65.81	-	-	3730.12	72.5
MW-16	9/6/11		3795.93	66.03	-	-	3729.9	72.65
MW-16	11/29/11		3795.93	66.19	-	-	3729.74	73.18
MW-16	3/5/12		3795.93	66.3	-	-	3729.63	73.2
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	66.8	-	-	3729.13	73.5
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	70.9
MW-16	5/27/14		3795.93	67.83	-	-	3728.1	-
MW-16	9/2/14		3795.93	68.03	-	-	3727.9	-
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	-	-	3726.9	-
MW-16	2/8/16		3795.93	69.13	-	-	3726.8	73.94
MW-16	5/23/16		3795.93	69.37	-	-	3726.56	-
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	-	-	3725.93	73.39
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	70.4	-	-	3727.61	73.81
MW-16	11/28/17		3798.01	70.61	-	-	3727.4	73.8
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	73.8
MW-16	8/27/18		3798.01	71.16	-	-	3726.85	73.94
MW-16	11/26/18		3798.01	71.4	-	-	3726.61	73.94
MW-16	2/26/19		3798.01	71.63	-	-	3726.38	-
MW-16	5/20/19		3798.01	72.1	-	-	3725.91	-
MW-16	7/22/19		3798.01	72.01	-	-	3726	-
MW-16	10/21/19		3798.01	72.3	-	-	3725.71	-
MW-16	2/12/20		3798.01	72.48	-	-	3725.53	74.66
MW-16	5/1/20		3798.01	72.7	-	-	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	-	-	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-17	3/3/17		3800.1	-	-	-	-	-
MW-17	5/2/17		3800.1	-	-	-	-	-
MW-17	5/16/17		3800.1	-	-	-	-	-
MW-17	5/30/17		3800.1	72.7	-	-	3727.4	91.8
MW-17	6/2/17		3800.1	-	-	-	-	-
MW-17	6/14/17		3800.1	-	-	-	-	-
MW-17	6/27/17		3800.1	-	-	-	-	-
MW-17	8/2/17		3800.1	-	-	-	-	-
MW-17	8/10/17		3800.1	-	-	-	-	-
MW-17	8/28/17		3800.1	72.9	-	-	3727.2	91.28
MW-17	9/6/17		3800.1	-	-	-	-	-
MW-17	9/13/17		3800.1	-	-	-	-	-
MW-17	9/20/17		3800.1	-	-	-	-	-
MW-17	10/17/17		3800.1	-	-	-	-	-
MW-17	10/25/17		3800.1	-	-	-	-	-

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-17	10/31/17		3800.1	-	-	-	-	-
MW-17	11/28/17		3800.1	73.09	-	-	3727.01	91.08
MW-17	11/30/17		3800.1	-	-	-	-	-
MW-17	12/5/17		3800.1	-	-	-	-	-
MW-17	12/12/17		3800.1	-	-	-	-	-
MW-17	12/21/17		3800.1	-	-	-	-	-
MW-17	2/26/18		3800.1	73.23	-	-	3726.87	91.25
MW-17	5/29/18		3800.1	73.55	-	-	3726.55	91.1
MW-17	8/27/18		3800.1	73.63	-	-	3726.47	91.25
MW-17	11/26/18		3800.1	73.91	-	-	3726.19	91.25
MW-17	2/26/19		3800.1	74.13	-	-	3725.97	-
MW-17	5/20/19		3800.1	74.38	-	-	3725.72	-
MW-17	7/22/19		3800.1	74.51	-	-	3725.59	-
MW-17	9/3/19		3800.1	-	-	-	-	-
MW-17	10/21/19		3800.1	74.75	-	-	3725.35	-
MW-17	10/25/19		3800.1	-	-	-	-	-
MW-17	12/11/19		3800.1	-	-	-	-	-
MW-17	2/12/20		3800.1	75	-	-	3725.1	91.01
MW-17	4/8/20		3800.1	73.25	-	-	3726.85	-
MW-17	5/1/20		3800.1	75.18	-	-	3724.92	-
MW-17	5/12/20		3800.1	75.19	-	-	3724.91	-
MW-17	6/19/20		3800.1	75.27	-	-	3724.83	-
MW-17	7/29/20		3800.1	75.4	-	-	3724.7	-
MW-17	8/24/20		3800.1	75.45	-	-	3724.65	-
MW-17	9/14/20		3800.1	75.51	-	-	3724.59	-
MW-17	11/2/20		3800.1	75.66	-	-	3724.44	-
MW-17	12/11/20		3800.1	75.73	-	-	3724.37	-
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	75.6	-	-	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	-
MW-18	11/2/20		3799.94	76.05	-	-	3723.89	-
MW-18	12/11/20		3799.94	76.15	-	-	3723.79	-
RW-1	6/15/11	LNAPL	3797.66	-	66.84	-	-	70.81
RW-1	9/6/11	LNAPL	3797.66	70.08	67.3	2.78	3729.832	70.85
RW-1	11/29/11	LNAPL	3797.66	69.91	67.55	2.36	3729.662	70.8
RW-1	3/5/12	LNAPL	3797.66	69.85	67.77	2.08	3729.495	70.85
RW-1	6/5/12	LNAPL	3797.66	-	67.55	-	-	70.8
RW-1	9/10/12	LNAPL	3797.66	-	67.59	-	-	70.81
RW-1	12/4/12	LNAPL	3797.66	-	68.12	-	-	70.85
RW-1	3/4/13	LNAPL	3797.66	-	68	-	-	-
RW-1	5/28/13	LNAPL	3797.66	-	68.12	-	-	-
RW-1	8/27/13	LNAPL	3797.66	-	68.3	-	-	70.88
RW-1	11/12/13	LNAPL	3797.66	-	68.49	-	-	70.9
RW-1	2/24/14	LNAPL	3797.66	-	68.7	-	-	70.9
RW-1	5/27/14	LNAPL	3797.66	-	69.09	-	-	71.04
RW-1	9/2/14	LNAPL	3797.66	-	69.34	-	-	71.07
RW-1	11/18/14	LNAPL	3797.66	-	69.53	-	-	71.3
RW-1	3/2/15	LNAPL	3797.66	-	69.82	-	-	71.1
RW-1	6/2/15	LNAPL	3797.66	-	69.99	-	-	71.1
RW-1	8/11/15	LNAPL	3797.66	-	69.96	-	-	70.9
RW-1	2/8/16	LNAPL	3797.66	-	70.52	-	-	71.07
RW-1	5/23/16	LNAPL	3797.66	-	70.62	-	-	-
RW-1	8/29/16	LNAPL	3797.66	-	70.99	-	-	-
RW-1	11/1/16	LNAPL	3797.66	-	71.06	-	-	-
RW-1	3/3/17	Dry	3797.66	-	-	-	-	-
RW-1	5/30/17	Dry	3797.66	-	-	-	-	71.3
RW-1	8/28/17	Dry	3799.9	-	-	-	-	71
RW-1	11/29/17	Dry	3799.9	-	-	-	-	71.1
RW-1	2/26/18	Dry	3799.9	-	-	-	-	71.04
RW-1	5/29/18	Dry	3799.9	-	-	-	-	71.01
RW-1	8/27/18	Dry	3799.9	-	-	-	-	71.04
RW-1	11/26/18	Dry	3799.9	-	-	-	-	71.05
RW-1	2/26/19	Dry	3799.9	-	-	-	-	-
RW-1	5/20/19	Dry	3799.9	-	-	-	-	-
RW-1	7/22/19	Dry	3799.9	-	-	-	-	-
RW-1	10/21/19	Dry	3799.9	-	-	-	-	71.05
RW-1	2/19/20		3799.9	-	-	-	-	-
RW-2	6/15/11	LNAPL	3797.6	67.95	67.51	0.44	3730.006	71.95

Summary of Groundwater Gauging and Elevation Data (Historical)
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Darr Angell No. 4
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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-2	9/6/11	LNAPL	3797.6	68.62	67.57	1.05	3729.831	72.05
RW-2	11/29/11	LNAPL	3797.6	70.68	67.35	3.33	3729.617	71.98
RW-2	3/5/12	LNAPL	3797.6	70.72	67.53	3.19	3729.464	71.99
RW-2	6/5/12	LNAPL	3797.6	70.28	67.92	2.36	3729.232	-
RW-2	9/10/12	LNAPL	3797.6	70.41	68.21	2.2	3728.972	72.1
RW-2	12/4/12	LNAPL	3797.6	70.01	68.25	1.76	3729.016	-
RW-2	3/4/13	LNAPL	3797.6	70.69	69.69	1	3727.72	-
RW-2	6/4/13	LNAPL	3797.6	70.71	69.85	0.86	3727.587	-
RW-2	8/27/13	LNAPL	3797.6	71.02	70.04	0.98	3727.374	-
RW-2	11/12/13	LNAPL	3797.6	70.66	69.78	0.88	3727.653	-
RW-2	2/24/14	LNAPL	3797.6	70.89	70.59	0.3	3726.953	-
RW-2	5/27/14	LNAPL	3797.6	-	68.92	-	-	72.09
RW-2	7/8/14	LNAPL	3797.6	-	69	-	-	72.2
RW-2	7/24/14	LNAPL	3797.6	69.92	69.65	0.27	3727.899	72.2
RW-2	9/2/14	LNAPL	3797.6	71.16	69.58	1.58	3727.72	72.1
RW-2	11/18/14	Dry	3797.6	-	-	-	-	-
RW-2	3/2/15	LNAPL	3797.6	70.53	70.18	0.35	3727.354	-
RW-2	6/2/15	LNAPL	3797.6	70.54	70.34	0.2	3727.222	-
RW-2	8/11/15	LNAPL	3797.6	70.68	70.52	0.16	3727.05	-
RW-2	11/30/15	LNAPL	3797.6	70.91	70.82	0.09	3726.763	-
RW-2	2/8/16	LNAPL	3797.6	71.01	70.9	0.11	3726.679	-
RW-2	5/23/16	LNAPL	3797.6	71.34	71.1	0.24	3726.454	-
RW-2	5/31/16		3797.6	-	-	-	-	-
RW-2	6/14/16		3797.6	-	-	-	-	-
RW-2	6/28/16		3797.6	-	-	-	-	-
RW-2	7/12/16		3797.6	-	-	-	-	-
RW-2	8/2/16		3797.6	-	-	-	-	-
RW-2	8/29/16	LNAPL	3797.6	71.7	71.42	0.28	3726.127	-
RW-2	9/7/16		3797.6	-	-	-	-	-
RW-2	9/20/16		3797.6	-	-	-	-	-
RW-2	11/1/16	LNAPL	3797.6	71.69	71.32	0.37	3726.21	71.69
RW-2	11/9/16		3797.6	-	-	-	-	-
RW-2	11/29/16		3797.6	-	-	-	-	-
RW-2	1/5/17		3797.6	-	-	-	-	-
RW-2	1/18/17		3797.6	-	-	-	-	-
RW-2	2/14/17		3797.6	-	-	-	-	-
RW-2	3/3/17	LNAPL	3797.6	-	71.51	-	-	71.75
RW-2	4/3/17		3797.6	-	-	-	-	-
RW-2	5/2/17		3797.6	-	-	-	-	-
RW-2	5/10/17		3797.6	-	-	-	-	-
RW-2	5/30/17	LNAPL	3797.6	71.75	71.61	0.14	3725.963	-
RW-2	8/28/17	Dry	3799.67	-	-	-	-	71.8
RW-2	11/28/17	Dry	3799.67	-	-	-	-	71.78
RW-2	2/26/18	Dry	3799.67	-	-	-	-	71.77
RW-2	5/29/18	Dry	3799.67	-	-	-	-	71.75
RW-2	8/27/18	Dry	3799.67	-	-	-	-	71.92
RW-2	11/26/18	Dry	3799.67	-	-	-	-	71.89
RW-2	2/26/19	Dry	3799.67	-	-	-	-	-
RW-2	5/20/19	Dry	3799.67	-	-	-	-	-
RW-2	7/22/19	Dry	3799.67	-	-	-	-	-
RW-2	10/21/19	Dry	3799.67	-	-	-	-	71.85
RW-2	2/19/20		3799.67	-	-	-	-	-
RW-3	6/15/11	LNAPL	3798.81	68.07	67.76	0.31	3730.991	68.25
RW-3	9/6/11	LNAPL	3798.81	68.2	68.12	0.08	3730.675	68.29
RW-3	11/29/11	Dry	3798.81	-	-	-	-	-
RW-3	3/5/12		3798.81	68.24	-	-	3730.57	68.29
RW-3	6/5/12	Dry	3798.81	-	-	-	-	68.08
RW-3	7/10/12	Dry	3798.81	-	-	-	-	68
RW-3	12/4/12	Dry	3798.81	-	-	-	-	-
RW-3	3/4/13	Dry	3798.81	-	-	-	-	68.27
RW-3	5/28/13	Dry	3798.81	-	-	-	-	68.25
RW-3	8/27/13	Dry	3798.81	-	-	-	-	68.3
RW-3	11/12/13	Dry	3798.81	-	-	-	-	68.31
RW-3	2/24/14	Dry	3798.81	-	-	-	-	68.32
RW-3	5/27/14		3798.81	68.1	-	-	3730.71	68.29
RW-3	9/2/14		3798.81	68.1	-	-	3730.71	68.29
RW-3	10/15/14		3798.81	-	-	-	-	-
RW-3R	11/18/14	LNAPL	3798.02	74.2	69.75	4.45	3727.425	85.43
RW-3R	3/2/15	LNAPL	3798.02	74.63	69.98	4.65	3727.156	-
RW-3R	6/2/15	LNAPL	3798.02	72.55	70.61	1.94	3727.042	-
RW-3R	8/11/15	LNAPL	3798.02	72.42	70.81	1.61	3726.904	-
RW-3R	11/30/15	LNAPL	3798.02	74.2	70.77	3.43	3726.598	-

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-3R	2/8/16	LNAPL	3798.02	74.3	70.9	3.4	3726.474	-
RW-3R	5/23/16	LNAPL	3798.02	73.62	71.3	2.32	3726.279	-
RW-3R	8/29/16	LNAPL	3798.02	72.52	71.89	0.63	3726.01	-
RW-3R	11/1/16	LNAPL	3798.02	75.73	71.3	4.43	3725.878	-
RW-3R	3/3/17	LNAPL	3798.02	75.3	71.71	3.59	3725.628	-
RW-3R	5/3/17		3798.02	-	-	-	-	-
RW-3R	5/30/17	LNAPL	3798.02	73.21	72.43	0.78	3725.442	-
RW-3R	6/5/17		3798.02	-	-	-	-	-
RW-3R	8/28/17	LNAPL	3800.09	73.15	72.67	0.48	3727.329	-
RW-3R	11/29/17	LNAPL	3800.09	74.46	72.62	1.84	3727.12	-
RW-3R	2/26/18	LNAPL	3800.09	75.13	72.66	2.47	3726.961	83.94
RW-3R	5/29/18	LNAPL	3800.09	74.45	73.1	1.35	3726.733	83.71
RW-3R	8/27/18	LNAPL	3800.09	75.08	73.19	1.89	3726.541	83.94
RW-3R	11/26/18	LNAPL	3800.09	76.63	73.19	3.44	3726.246	83.94
RW-3R	2/20/19		3800.09	-	-	-	-	-
RW-3R	2/26/19	LNAPL	3800.09	74.65	73.88	0.77	3726.064	-
RW-3R	5/20/19	LNAPL	3800.09	74.73	74.1	0.63	3725.87	-
RW-3R	7/22/19	LNAPL	3800.09	74.83	74.25	0.58	3725.73	-
RW-3R	9/3/19		3800.09	-	-	-	-	-
RW-3R	10/21/19	LNAPL	3800.09	77.9	74	3.9	3725.349	-
RW-3R	12/11/19		3800.09	-	-	-	-	-
RW-3R	12/18/19		3800.09	-	-	-	-	-
RW-3R	12/23/19		3800.09	-	-	-	-	-
RW-3R	1/8/20		3800.09	-	-	-	-	-
RW-3R	1/29/20		3800.09	-	-	-	-	-
RW-3R	2/11/20	LNAPL	3800.09	76.27	74.59	1.68	3725.181	84.17
RW-3R	2/25/20		3800.09	-	-	-	-	-
RW-3R	5/1/20		3800.09	-	-	-	-	-
RW-3R	5/12/20	LNAPL	3800.09	75.68	74.95	0.73	3725.001	-
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	LNAPL	3800.09	76.03	75.27	0.76	3724.676	-
RW-3R	11/2/20	LNAPL	3800.09	77.92	75	2.92	3724.535	-
RW-3R	12/11/20		3800.09	-	-	-	-	-
RW-4	6/15/11	LNAPL	3798.34	-	67.31	-	-	67.39
RW-4	9/6/11	Dry	3798.34	-	-	-	-	67.43
RW-4	11/29/11	Dry	3798.34	-	-	-	-	-
RW-4	3/5/12	Dry	3798.34	-	-	-	-	67.43
RW-4	6/5/12	Dry	3798.34	-	-	-	-	-
RW-4	9/10/12	Dry	3798.34	-	-	-	-	-
RW-4	12/4/12	Dry	3798.34	-	-	-	-	-
RW-4	3/4/13	Dry	3798.34	-	-	-	-	67.43
RW-4	5/28/13	Dry	3798.34	-	-	-	-	67.4
RW-4	8/27/13	Dry	3798.34	-	-	-	-	67.43
RW-4	11/12/13	Dry	3798.34	-	-	-	-	67.45
RW-4	2/24/14	Dry	3798.34	-	-	-	-	67.44
RW-4	5/27/14	Dry	3798.34	-	-	-	-	-
RW-4	9/2/14	Dry	3798.34	-	-	-	-	-
RW-4	10/9/15		3798.34	-	-	-	-	-
RW-4R	11/18/14	LNAPL	3797.61	70.03	70.01	0.02	3727.596	85.42
RW-4R	3/2/15	LNAPL	3797.61	70.8	70.12	0.68	3727.361	-
RW-4R	6/2/15	LNAPL	3797.61	71.89	70.08	1.81	3727.186	-
RW-4R	8/11/15	LNAPL	3797.61	71.62	70.3	1.32	3727.059	-
RW-4R	11/30/15	LNAPL	3797.61	72.43	70.45	1.98	3726.784	-
RW-4R	2/8/16	LNAPL	3797.61	71.47	70.82	0.65	3726.667	-
RW-4R	5/23/16	LNAPL	3797.61	71.32	71.17	0.15	3726.412	-
RW-4R	8/29/16	LNAPL	3797.61	71.59	71.4	0.19	3726.174	-
RW-4R	9/7/16		3797.61	-	-	-	-	-
RW-4R	11/1/16	LNAPL	3797.61	72.14	71.4	0.74	3726.069	-
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	LNAPL	3797.61	72.24	71.68	0.56	3725.823	-
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	LNAPL	3797.61	72.22	71.88	0.34	3725.665	-
RW-4R	6/5/17		3797.61	-	-	-	-	-
RW-4R	6/14/17		3797.61	-	-	-	-	-

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NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
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	LNAPL	3799.68	72.53	72.16	0.37	3727.45	85
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	LNAPL	3799.68	72.49	72.39	0.1	3727.271	-
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	LNAPL	3799.68	72.93	72.48	0.45	3727.115	84.64
RW-4R	5/29/18	LNAPL	3799.68	73.11	72.73	0.38	3726.878	-
RW-4R	8/27/18	LNAPL	3799.68	73.8	72.77	1.03	3726.714	84.69
RW-4R	11/14/18	LNAPL	3799.68	73.9	73.08	0.82	3726.444	-
RW-4R	11/26/18	LNAPL	3799.68	73.4	73.17	0.23	3726.466	84.69
RW-4R	12/5/18	LNAPL	3799.68	73.55	73.18	0.37	3726.43	-
RW-4R	2/26/19	LNAPL	3799.68	74.08	73.27	0.81	3726.256	-
RW-4R	3/27/19		3799.68	-	-	-	-	-
RW-4R	4/17/19	LNAPL	3799.68	74.08	73.41	0.67	3726.143	-
RW-4R	4/30/19	LNAPL	3799.68	73.81	73.48	0.33	3726.137	-
RW-4R	5/15/19	LNAPL	3799.68	74.14	73.51	0.63	3726.05	-
RW-4R	5/20/19	LNAPL	3799.68	73.68	73.6	0.08	3726.065	-
RW-4R	6/12/19	LNAPL	3799.68	74.29	73.57	0.72	3725.973	-
RW-4R	6/25/19		3799.68	-	-	-	-	-
RW-4R	7/17/19	LNAPL	3799.68	74.26	73.65	0.61	3725.914	-
RW-4R	7/22/19	LNAPL	3799.68	73.82	73.75	0.07	3725.917	-
RW-4R	7/30/19	LNAPL	3799.68	73.97	73.71	0.26	3725.921	-
RW-4R	8/20/19	LNAPL	3799.68	74.36	73.73	0.63	3725.83	-
RW-4R	9/3/19		3799.68	-	-	-	-	-
RW-4R	9/10/19	LNAPL	3799.68	74.15	73.86	0.29	3725.765	-
RW-4R	10/16/19	LNAPL	3799.68	74.34	73.92	0.42	3725.68	-
RW-4R	10/21/19	LNAPL	3799.68	74.05	74	0.05	3725.67	-
RW-4R	11/19/19	LNAPL	3799.68	74.34	74.02	0.32	3725.599	-
RW-4R	12/4/19	LNAPL	3799.68	74.2	74.11	0.09	3725.553	-
RW-4R	12/18/19		3799.68	-	-	-	-	-
RW-4R	1/8/20		3799.68	-	-	-	-	-
RW-4R	1/14/20	LNAPL	3799.68	74.39	74.19	0.2	3725.452	-
RW-4R	2/11/20	LNAPL	3799.68	74.35	74.26	0.09	3725.403	84.61
RW-4R	2/18/20	LNAPL	3799.68	74.4	74.29	0.11	3725.369	-
RW-4R	2/25/20		3799.68	-	-	-	-	-
RW-4R	3/11/20	LNAPL	3799.68	74.4	74.32	0.08	3725.345	-
RW-4R	5/1/20	LNAPL	3799.68	74.6	74.45	0.15	3725.201	-
RW-4R	5/12/20	LNAPL	3799.68	74.59	74.43	0.16	3725.219	-
RW-4R	6/19/20	LNAPL	3799.68	74.76	74.49	0.27	3725.139	-
RW-4R	7/29/20	LNAPL	3799.68	74.95	74.6	0.35	3725.013	-
RW-4R	8/24/20	LNAPL	3799.68	75.09	74.65	0.44	3724.946	-
RW-4R	9/14/20	LNAPL	3799.68	75.19	74.71	0.48	3724.879	-
RW-4R	11/2/20	LNAPL	3799.68	75.35	74.8	0.55	3724.775	-
RW-4R	12/11/20	LNAPL	3799.68	75.51	74.9	0.61	3724.664	-
RW-5	6/15/11		3797.6	67.48	-	-	3730.12	70.35
RW-5	9/6/11		3797.6	67.66	-	-	3729.94	70.39
RW-5	11/29/11		3797.6	67.84	-	-	3729.76	70.38
RW-5	3/5/12		3797.6	67.97	-	-	3729.63	70.39
RW-5	6/5/12		3797.6	68.27	-	-	3729.33	70.15
RW-5	9/10/12		3797.6	68.32	-	-	3729.28	70.32
RW-5	12/4/12		3797.6	68.5	-	-	3729.1	70.48
RW-5	3/4/13		3797.6	68.68	-	-	3728.92	70.36
RW-5	5/28/13	LNAPL	3797.6	68.83	68.8	0.03	3728.794	-
RW-5	8/27/13		3797.6	69	-	-	3728.6	70.4
RW-5	11/12/13		3797.6	69.16	-	-	3728.44	70.45
RW-5	2/24/14		3797.6	69.34	-	-	3728.26	70.44
RW-5	5/27/14		3797.6	69.54	-	-	3728.06	-
RW-5	9/2/14		3797.6	69.74	-	-	3727.86	-
RW-5	11/18/14		3797.6	69.9	-	-	3727.7	-

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-5	3/2/15		3797.6	70.23	-	-	3727.37	70.47
RW-5	6/1/15		3797.6	70.21	-	-	3727.39	-
RW-5	8/11/15		3797.6	70.32	-	-	3727.28	-
RW-5	11/30/15	Dry	3797.6	-	-	-	-	-
RW-5	2/8/16	Dry	3797.6	-	-	-	-	70.49
RW-5	5/23/16	Dry	3797.6	-	-	-	-	-
RW-5	8/29/16	Dry	3797.6	-	-	-	-	-
RW-5	11/1/16	Dry	3797.6	-	-	-	-	-
RW-5	2/23/17		3797.6	-	-	-	-	-
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	87.5
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	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	-	-	3727.2	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	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-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-6	6/15/11	LNAPL	3797.28	67.84	66.94	0.9	3730.169	68.35
RW-6	9/6/11	LNAPL	3797.28	67.84	67.45	0.39	3729.756	68.35
RW-6	11/29/11		3797.28	67.65	-	-	3729.63	68.4
RW-6	3/5/12	LNAPL	3797.28	67.71	67.64	0.07	3729.627	68.41
RW-6	6/5/12		3797.28	68.12	-	-	3729.16	68.3
RW-6	9/10/12		3797.28	68.31	-	-	3728.97	68.34
RW-6	12/4/12	Dry	3797.28	-	-	-	-	68.31
RW-6	3/4/13		3797.28	68.31	-	-	3728.97	68.31
RW-6	5/28/13	Dry	3797.28	-	-	-	-	68.35
RW-6	8/27/13	Dry	3797.28	-	-	-	-	68.35
RW-6	11/12/13	Dry	3797.28	-	-	-	-	68.37
RW-6	2/24/14		3797.28	68.33	-	-	3728.95	68.38
RW-6	5/27/14	Dry	3797.28	-	-	-	-	-
RW-6	9/2/14		3797.28	68.34	-	-	3728.94	-
RW-6	11/18/14	Dry	3797.28	-	-	-	-	-
RW-6	3/2/15		3797.28	68.34	-	-	3728.94	68.4
RW-6	6/1/15	Dry	3797.28	-	-	-	-	68.33

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-6	8/11/15	Dry	3797.28	-	-	-	-	-
RW-6	11/30/15	Dry	3797.28	-	-	-	-	-
RW-6	2/8/16	Dry	3797.28	-	-	-	-	68.39
RW-6	5/23/16	Dry	3797.28	-	-	-	-	-
RW-6	8/29/16	Dry	3797.28	-	-	-	-	-
RW-6	11/1/16	Dry	3797.28	-	-	-	-	-
RW-6	2/23/17	Dry	3797.28	-	-	-	-	-
RW-7	6/15/11	LNAPL	3797.43	68.92	67.13	1.79	3729.96	73.28
RW-7	9/6/11	LNAPL	3797.43	68.3	67.49	0.81	3729.786	73.3
RW-7	11/29/11	LNAPL	3797.43	67.87	67.86	0.01	3729.568	73.32
RW-7	3/5/12	LNAPL	3797.43	68.04	67.87	0.17	3729.528	73.44
RW-7	6/5/12	LNAPL	3797.43	68.17	68.12	0.05	3729.301	-
RW-7	9/10/12	LNAPL	3797.43	68.72	68.19	0.53	3729.139	73.31
RW-7	12/4/12	LNAPL	3797.43	68.75	68.4	0.35	3728.963	-
RW-7	3/4/13	LNAPL	3797.43	69.29	68.5	0.79	3728.78	-
RW-7	5/28/13	LNAPL	3797.43	69.42	68.67	0.75	3728.617	-
RW-7	8/27/13	LNAPL	3797.43	69.71	68.83	0.88	3728.433	-
RW-7	11/12/13	LNAPL	3797.43	69.95	68.95	1	3728.29	-
RW-7	2/24/14	LNAPL	3797.43	70.58	70.44	0.14	3726.963	-
RW-7	5/27/14	LNAPL	3797.43	69.49	69.44	0.05	3727.98	73.31
RW-7	9/2/14	LNAPL	3797.43	69.7	69.66	0.04	3727.762	-
RW-7	11/18/14	LNAPL	3797.43	69.9	69.83	0.07	3727.587	-
RW-7	3/2/15	LNAPL	3797.43	70.14	70.08	0.06	3727.339	-
RW-7	6/2/15	LNAPL	3797.43	70.32	70.22	0.1	3727.191	-
RW-7	8/11/15	LNAPL	3797.43	70.42	70.4	0.02	3727.026	-
RW-7	11/30/15	LNAPL	3797.43	70.74	70.66	0.08	3726.755	-
RW-7	2/8/16	LNAPL	3797.43	70.84	70.81	0.03	3726.614	-
RW-7	5/23/16	LNAPL	3797.43	71.34	71.1	0.24	3726.284	-
RW-7	5/31/16		3797.43	-	-	-	-	-
RW-7	8/2/16		3797.43	-	-	-	-	-
RW-7	8/29/16	LNAPL	3797.43	71.37	71.29	0.08	3726.125	-
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	LNAPL	3797.43	71.43	71.4	0.03	3726.024	-
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	LNAPL	3797.43	71.82	71.81	0.01	3725.618	-
RW-7	6/14/17		3797.43	-	-	-	-	-
RW-7	6/27/17		3797.43	-	-	-	-	-
RW-7	7/13/17		3799.47	-	-	-	-	-
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	Dry	3799.47	-	-	-	-	-
RW-7	7/22/19	Dry	3799.47	-	-	-	-	-
RW-7	10/21/19	Dry	3799.47	-	-	-	-	73.73
RW-7	2/12/20	Dry	3799.47	-	-	-	-	73.55
RW-7	5/1/20	Dry	3799.47	-	-	-	-	-
RW-7	5/12/20	Dry	3799.47	-	-	-	-	-
RW-7	6/19/20		3799.47	73.5	-	-	3725.97	-
RW-7	7/29/20		3799.47	73.54	-	-	3725.93	-
RW-7	8/24/20		3799.47	73.6	-	-	3725.87	73.65
RW-7	9/14/20	Dry	3799.47	-	-	-	-	73.55

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-7	11/2/20	Dry	3799.47	-	-	-	-	73.67
RW-7	12/11/20	Dry	3799.47	-	-	-	-	73.51
RW-8	6/15/11	LNAPL	3798.33	71.39	67.71	3.68	3729.921	72.8
RW-8	9/6/11	LNAPL	3798.33	70.54	68.1	2.44	3729.766	72.94
RW-8	11/29/11		3798.33	68.72	-	-	3729.61	73
RW-8	3/5/12	LNAPL	3798.33	68.85	68.83	0.02	3729.496	-
RW-8	6/5/12		3798.33	69.09	-	-	3729.24	72.95
RW-8	9/10/12		3798.33	69.2	-	-	3729.13	73
RW-8	12/4/12	LNAPL	3798.33	69.53	69.5	0.03	3728.824	73.3
RW-8	3/4/13	LNAPL	3798.33	69.73	69.48	0.25	3728.802	-
RW-8	5/28/13	LNAPL	3798.33	70.15	69.57	0.58	3728.65	-
RW-8	8/27/13	LNAPL	3798.33	71.13	69.6	1.53	3728.439	-
RW-8	11/12/13	LNAPL	3798.33	70.61	69.89	0.72	3728.303	-
RW-8	2/24/14	LNAPL	3798.33	72.2	71.74	0.46	3726.503	-
RW-8	5/27/14	LNAPL	3798.33	72.43	69.9	2.53	3727.949	73.3
RW-8	7/8/14	LNAPL	3798.33	72.52	69.75	2.77	3728.054	-
RW-8	8/5/14	LNAPL	3798.33	70.67	70.46	0.21	3727.83	-
RW-8	9/2/14	LNAPL	3798.33	71.34	70.43	0.91	3727.727	-
RW-8	11/18/14	Dry	3798.33	-	-	-	-	-
RW-8	3/2/15	LNAPL	3798.33	72.26	70.7	1.56	3727.333	-
RW-8	6/2/15	LNAPL	3798.33	72.49	70.69	1.8	3727.298	-
RW-8	8/11/15	LNAPL	3798.33	72.58	70.89	1.69	3727.119	-
RW-8	11/30/15	LNAPL	3798.33	72.6	71.12	1.48	3726.929	-
RW-8	2/8/16	LNAPL	3798.33	72.03	71.55	0.48	3726.689	-
RW-8	5/23/16	LNAPL	3798.33	72.2	71.75	0.45	3726.494	-
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	LNAPL	3798.33	72.44	72.11	0.33	3726.157	-
RW-8	11/1/16	LNAPL	3798.33	72.51	72.19	0.32	3726.079	-
RW-8	2/14/17		3798.33	-	-	-	-	-
RW-8	3/3/17	LNAPL	3798.33	72.76	72.55	0.21	3725.74	-
RW-8	5/10/17		3798.33	-	-	-	-	-
RW-8	5/30/17	LNAPL	3798.33	72.85	72.75	0.1	3725.561	-
RW-8	7/6/17		3800.41	-	-	-	-	-
RW-8	7/13/17		3800.41	-	-	-	-	-
RW-8	8/28/17	Dry	3800.41	-	-	-	-	72.9
RW-8	11/28/17	Dry	3800.41	-	-	-	-	72.88
RW-8	2/26/18	Dry	3800.41	-	-	-	-	73.02
RW-8	5/29/18	Dry	3800.41	-	-	-	-	73.01
RW-8	8/27/18	Dry	3800.41	-	-	-	-	73.02
RW-8	11/26/18	Dry	3800.41	-	-	-	-	73.02
RW-8	2/26/19	Dry	3800.41	-	-	-	-	-
RW-8	5/20/19	Dry	3800.41	-	-	-	-	-
RW-8	7/22/19	Dry	3800.41	-	-	-	-	-
RW-8	10/21/19	Dry	3800.41	-	-	-	-	73
RW-8	2/19/20		3800.41	-	-	-	-	-
RW-9	6/15/11	LNAPL	3797.99	71.69	67.11	4.58	3730.01	74.1
RW-9	9/6/11	LNAPL	3797.99	71.04	67.45	3.59	3729.858	74.14
RW-9	11/29/11	LNAPL	3797.99	68.86	68.43	0.43	3729.478	74.35
RW-9	3/5/12	LNAPL	3797.99	69.08	68.23	0.85	3729.598	74.38
RW-9	6/5/12	LNAPL	3797.99	69.15	68.9	0.25	3729.042	-
RW-9	9/10/12	LNAPL	3797.99	69.15	68.63	0.52	3729.261	74.23
RW-9	12/4/12	LNAPL	3797.99	69.77	68.72	1.05	3729.071	-
RW-9	3/4/13	LNAPL	3797.99	71.15	68.65	2.5	3728.865	-
RW-9	5/28/13	LNAPL	3797.99	71	68.88	2.12	3728.707	-
RW-9	8/27/13	LNAPL	3797.99	71.22	69.05	2.17	3728.528	-
RW-9	11/12/13	LNAPL	3797.99	70.93	69.27	1.66	3728.405	-
RW-9	2/24/14	LNAPL	3797.99	70.41	69.62	0.79	3728.22	-
RW-9	5/27/14	LNAPL	3797.99	71.55	69.56	1.99	3728.052	74.23
RW-9	7/24/14	LNAPL	3797.99	72.11	69.65	2.46	3727.873	-
RW-9	8/5/14	LNAPL	3797.99	70.45	69.98	0.47	3727.921	-
RW-9	9/2/14	LNAPL	3797.99	70.77	69.92	0.85	3727.908	-
RW-9	11/18/14	LNAPL	3797.99	71.49	70.1	1.39	3727.626	-
RW-9	3/2/15	LNAPL	3797.99	70.88	70.49	0.39	3727.426	-
RW-9	6/2/15	LNAPL	3797.99	71.4	70.57	0.83	3727.262	-
RW-9	8/11/15	LNAPL	3797.99	71.13	70.82	0.31	3727.111	-
RW-9	11/30/15	LNAPL	3797.99	71.39	71.05	0.34	3726.875	-
RW-9	2/8/16	LNAPL	3797.99	71.51	71.21	0.3	3726.723	-
RW-9	5/23/16	LNAPL	3797.99	71.79	71.4	0.39	3726.516	-
RW-9	5/31/16		3797.99	-	-	-	-	-
RW-9	7/12/16		3797.99	-	-	-	-	-

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-9	8/2/16		3797.99	-	-	-	-	-
RW-9	8/29/16	LNAPL	3797.99	72.14	71.68	0.46	3726.223	-
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	LNAPL	3797.99	72.27	71.77	0.5	3726.125	-
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	LNAPL	3797.99	72.34	72.08	0.26	3725.861	-
RW-9	5/2/17		3797.99	-	-	-	-	-
RW-9	5/10/17		3797.99	-	-	-	-	-
RW-9	5/16/17		3797.99	-	-	-	-	-
RW-9	5/30/17	LNAPL	3797.99	72.29	72.22	0.07	3725.757	-
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	LNAPL	3800.02	72.5	72.47	0.03	3727.544	-
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	10/31/17		3800.02	-	-	-	-	-
RW-9	11/28/17		3800.02	72.69	-	-	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	LNAPL	3800.02	72.91	72.88	0.03	3727.134	74.51
RW-9	5/29/18	LNAPL	3800.02	73.19	73.17	0.02	3726.846	-
RW-9	8/27/18	LNAPL	3800.02	73.48	73.25	0.23	3726.726	74.51
RW-9	11/26/18	LNAPL	3800.02	73.79	73.46	0.33	3726.497	74.51
RW-9	2/26/19	LNAPL	3800.02	73.97	73.63	0.34	3726.325	-
RW-9	4/30/19	LNAPL	3800.02	73.89	73.72	0.17	3726.268	-
RW-9	5/20/19	LNAPL	3800.02	74.1	73.85	0.25	3726.123	-
RW-9	6/25/19		3800.02	-	-	-	-	-
RW-9	7/22/19	LNAPL	3800.02	74.25	74.11	0.14	3725.883	-
RW-9	7/30/19	LNAPL	3800.02	74.29	74.1	0.19	3725.884	-
RW-9	9/3/19		3800.02	-	-	-	-	-
RW-9	10/21/19	LNAPL	3800.02	-	74.45	-	-	74.5
RW-9	2/11/20	LNAPL	3800.02	74.4	74.31	0.09	3725.693	74.43
RW-9	2/25/20		3800.02	-	-	-	-	-
RW-9	5/1/20	LNAPL	3800.02	74.42	74.33	0.09	3725.673	-
RW-9	5/12/20	LNAPL	3800.02	74.44	74.33	0.11	3725.669	-
RW-9	6/19/20	LNAPL	3800.02	74.47	74.3	0.17	3725.688	-
RW-9	7/29/20	LNAPL	3800.02	74.41	74.3	0.11	3725.699	-
RW-9	8/24/20	LNAPL	3800.02	74.36	74.25	0.11	3725.749	-
RW-9	9/14/20	LNAPL	3800.02	74.49	74.35	0.14	3725.643	-
RW-9	11/2/20	LNAPL	3800.02	74.43	74.34	0.09	3725.663	-
RW-9	12/11/20	LNAPL	3800.02	74.45	74.27	0.18	3725.716	-
RW-10	6/15/11	LNAPL	3799.1	72.62	68.4	4.22	3729.898	73.49
RW-10	9/6/11	LNAPL	3799.1	71.46	68.9	2.56	3729.714	72.6
RW-10	11/29/11	LNAPL	3799.1	71.59	69.03	2.56	3729.583	73.5
RW-10	3/5/12	LNAPL	3799.1	70.72	69.48	1.24	3729.385	73.51
RW-10	6/5/12	LNAPL	3799.1	70.82	69.8	1.02	3729.106	-
RW-10	9/10/12	LNAPL	3799.1	71.95	69.66	2.29	3729.005	73.56
RW-10	12/4/12	LNAPL	3799.1	71.94	69.76	2.18	3728.926	-
RW-10	3/4/13	LNAPL	3799.1	73.17	69.44	3.73	3728.951	-
RW-10	5/28/13	LNAPL	3799.1	73.19	69.59	3.6	3728.826	-
RW-10	8/27/13	LNAPL	3799.1	73.1	69.78	3.32	3728.689	-
RW-10	11/12/13	LNAPL	3799.1	73.04	70.08	2.96	3728.458	-
RW-10	2/24/14	LNAPL	3799.1	73.07	70.46	2.61	3728.144	-
RW-10	5/27/14	LNAPL	3799.1	-	70.6	-	-	73.28
RW-10	7/8/14	LNAPL	3799.1	-	70.65	-	-	73.3

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RW-10	8/5/14	LNAPL	3799.1	72.01	71.69	0.32	3727.349	73.28
RW-10	9/2/14	LNAPL	3799.1	-	70.72	-	-	73.04
RW-10	11/18/14	Dry	3799.1	-	-	-	-	-
RW-10	3/2/15	LNAPL	3799.1	72.97	71.55	1.42	3727.28	-
RW-10	6/2/15	LNAPL	3799.1	72.94	71.66	1.28	3727.197	-
RW-10	8/11/15	LNAPL	3799.1	72.45	72.06	0.39	3726.966	-
RW-10	11/30/15	LNAPL	3799.1	72.59	72.36	0.23	3726.696	-
RW-10	2/8/16	LNAPL	3799.1	72.81	72.45	0.36	3726.582	-
RW-10	5/23/16	LNAPL	3799.1	72.8	72.2	0.6	3726.786	-
RW-10	8/29/16	LNAPL	3799.1	73.16	72.88	0.28	3726.167	-
RW-10	11/1/16	LNAPL	3799.1	73.18	72.91	0.27	3726.139	-
RW-10	11/9/16		3799.1	-	-	-	-	-
RW-10	11/23/16		3799.1	-	-	-	-	-
RW-10	11/29/16		3799.1	-	-	-	-	-
RW-10	1/5/17		3799.1	-	-	-	-	-
RW-10	1/18/17		3799.1	-	-	-	-	-
RW-10	3/3/17	Dry	3799.1	-	-	-	-	73.04
RW-10	5/30/17	Dry	3799.1	-	-	-	-	70.2
RW-10	8/28/17	Dry	3801.18	-	-	-	-	69.9
RW-10	11/28/17	Dry	3801.18	-	-	-	-	69.89
RW-10	2/26/18	Dry	3801.18	-	-	-	-	69.98
RW-10	5/29/18	Dry	3801.18	-	-	-	-	-
RW-10	8/27/18	Dry	3801.18	-	-	-	-	-
RW-10	11/26/18	Dry	3801.18	-	-	-	-	-
RW-10	2/26/19	Dry	3801.18	-	-	-	-	-
RW-10	5/20/19	Dry	3801.18	-	-	-	-	-
RW-10	7/22/19	Dry	3801.18	-	-	-	-	-
RW-10	10/21/19	Dry	3801.18	-	-	-	-	69.97
RW-10	2/19/20		3801.18	-	-	-	-	-
RW-10R	3/10/20		3799.97	-	-	-	-	-
RW-10R	4/8/20		3799.97	75.24	-	-	3724.73	93.1
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	LNAPL	3799.97	75.59	75.56	0.03	3724.404	-
RW-10R	9/14/20	LNAPL	3799.97	75.64	75.63	0.01	3724.338	-
RW-10R	11/2/20		3799.97	75.74	-	-	3724.23	-
RW-10R	12/11/20	LNAPL	3799.97	75.85	74.88	0.97	3724.906	-
RW-11	6/15/11	LNAPL	3796.65	71.1	65.75	5.35	3729.884	71.1
RW-11	9/6/11		3796.65	-	-	-	-	68.9
RW-11	11/29/11	LNAPL	3796.65	71.35	66.16	5.19	3729.504	73.7
RW-11	3/5/12	LNAPL	3796.65	70.93	66.43	4.5	3729.365	73.7
RW-11	6/5/12	LNAPL	3796.65	69.62	66.94	2.68	3729.201	-
RW-11	9/10/12	LNAPL	3796.65	70.79	66.89	3.9	3729.019	73.21
RW-11	12/4/12	LNAPL	3796.65	70.1	67.25	2.85	3728.858	-
RW-11	3/4/13	LNAPL	3796.65	72.39	66.95	5.44	3728.667	-
RW-11	5/28/13	LNAPL	3796.65	72.72	67.08	5.64	3728.498	-
RW-11	8/27/13	LNAPL	3796.65	-	69.3	-	-	73.21
RW-11	11/12/13	LNAPL	3796.65	70.72	67.94	2.78	3728.182	-
RW-11	2/24/14	LNAPL	3796.65	70.7	68.13	2.57	3728.032	-
RW-11	5/27/14	LNAPL	3796.65	-	67.82	-	-	72.9
RW-11	7/8/14	LNAPL	3796.65	-	67.88	-	-	72.8
RW-11	8/5/14	LNAPL	3796.65	69.35	68.86	0.49	3727.697	72.9
RW-11	9/2/14	LNAPL	3796.65	-	68.19	-	-	72.71
RW-11	11/18/14	Dry	3796.65	-	-	-	-	-
RW-11	3/2/15	LNAPL	3796.65	72.71	68.69	4.02	3727.196	-
RW-11	6/2/15	LNAPL	3796.65	70.74	69.39	1.35	3727.003	-
RW-11	8/11/15	LNAPL	3796.65	70.6	69.53	1.07	3726.917	-
RW-11	11/30/15	LNAPL	3796.65	71.63	69.6	2.03	3726.664	-
RW-11	2/8/16	LNAPL	3796.65	71.09	69.88	1.21	3726.54	-
RW-11	5/23/16	LNAPL	3796.65	-	69.6	-	-	73.01
RW-11	8/29/16	LNAPL	3796.65	72.85	70.04	2.81	3726.076	-
RW-11	11/1/16	LNAPL	3796.65	72.75	69.84	2.91	3726.257	-
RW-11	3/3/17	LNAPL	3796.65	-	70.09	-	-	72.76
RW-11	5/30/17	LNAPL	3796.65	72.8	70.37	2.43	3725.818	-
RW-11	6/5/17		3796.65	-	-	-	-	-
RW-11	8/28/17	LNAPL	3798.72	71.74	71.27	0.47	3727.361	-
RW-11	11/29/17	LNAPL	3798.72	71.94	71.45	0.49	3727.177	-
RW-11	2/26/18	LNAPL	3798.72	73	71.01	1.99	3727.332	73.03

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-11	5/29/18	LNAPL	3798.72	72.31	71.9	0.41	3726.742	-
RW-11	8/27/18	LNAPL	3798.72	72.87	71.96	0.91	3726.587	73.03
RW-11	11/26/18	LNAPL	3798.72	-	71.54	-	-	73.53
RW-11	2/26/19	LNAPL	3798.72	-	71.72	-	-	-
RW-11	5/20/19	LNAPL	3798.72	-	72.6	-	-	-
RW-11	7/22/19	LNAPL	3798.72	-	72.55	-	-	-
RW-11	10/21/19	LNAPL	3798.72	-	72.53	-	-	73.4
RW-11	2/11/20	LNAPL	3798.72	73.53	72.64	0.89	3725.911	73.61
RW-11	2/25/20		3798.72	-	-	-	-	-
RW-11	5/1/20	LNAPL	3798.72	-	73.04	-	-	73.4
RW-11	5/12/20	LNAPL	3798.72	73.8	72.8	1	3725.73	73.4
RW-11	6/19/20	LNAPL	3798.72	-	73.02	-	-	73.4
RW-11	7/29/20	LNAPL	3798.72	73.52	73.13	0.39	3725.516	73.4
RW-11	8/24/20	LNAPL	3798.72	73.5	73.02	0.48	3725.609	-
RW-11	9/14/20	LNAPL	3798.72	-	73.09	-	-	73.5
RW-11	11/2/20	LNAPL	3798.72	-	73.23	-	-	73.38
RW-11	12/11/20	LNAPL	3798.72	-	73.32	-	-	73.5
RW-12	6/15/11	LNAPL	3798.13	69.98	67.8	2.18	3729.916	72.83
RW-12	9/6/11	LNAPL	3798.13	69.22	68.16	1.06	3729.769	72.84
RW-12	11/29/11	LNAPL	3798.13	68.9	68.62	0.28	3729.457	72.85
RW-12	3/5/12	LNAPL	3798.13	68.8	68.63	0.17	3729.468	72.85
RW-12	6/5/12		3798.13	69.15	-	-	3728.98	77.7
RW-12	9/11/12	LNAPL	3798.13	69.23	69	0.23	3729.086	74.1
RW-12	12/4/12	LNAPL	3798.13	69.37	69.11	0.26	3728.971	-
RW-12	3/4/13	LNAPL	3798.13	69.93	69.22	0.71	3728.775	-
RW-12	5/28/13	LNAPL	3798.13	70.29	69.33	0.96	3728.618	-
RW-12	8/27/13	LNAPL	3798.13	70.14	69.62	0.52	3728.411	-
RW-12	11/12/13	LNAPL	3798.13	70.42	69.71	0.71	3728.285	-
RW-12	2/24/14	LNAPL	3798.13	70.96	70.85	0.11	3727.259	-
RW-12	5/27/14	LNAPL	3798.13	70.29	70.18	0.11	3727.929	74.1
RW-12	9/2/14	LNAPL	3798.13	70.51	70.38	0.13	3727.725	74.1
RW-12	11/18/14	LNAPL	3798.13	70.7	70.57	0.13	3727.535	-
RW-12	3/2/15	LNAPL	3798.13	70.89	70.82	0.07	3727.297	-
RW-12	6/2/15	LNAPL	3798.13	71.04	70.96	0.08	3727.155	-
RW-12	8/11/15	LNAPL	3798.13	71.15	71.14	0.01	3726.988	-
RW-12	11/30/15	LNAPL	3798.13	71.46	71.45	0.01	3726.678	-
RW-12	2/8/16	LNAPL	3798.13	71.63	71.62	0.01	3726.508	-
RW-12	5/23/16	LNAPL	3798.13	71.86	71.84	0.02	3726.286	-
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	72.6
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	Dry	3798.13	-	-	-	-	72.6
RW-12	5/30/17	Dry	3798.13	-	-	-	-	72.8
RW-12	8/28/17	Dry	3800.23	-	-	-	-	72.58
RW-12	11/28/17	Dry	3800.23	-	-	-	-	72.6
RW-12	2/26/18	Dry	3800.23	-	-	-	-	72.57
RW-12	5/29/18	Dry	3800.23	-	-	-	-	72.59
RW-12	8/27/18	Dry	3800.23	-	-	-	-	72.68
RW-12	11/26/18	Dry	3800.23	-	-	-	-	72.68
RW-12	2/26/19	Dry	3800.23	-	-	-	-	-
RW-12	5/20/19	Dry	3800.23	-	-	-	-	-
RW-12	7/22/19	Dry	3800.23	-	-	-	-	-
RW-12	10/21/19	Dry	3800.23	-	-	-	-	72.68
RW-12	2/19/20		3800.23	-	-	-	-	-
RW-13	6/15/11	LNAPL	3798.52	69.52	68.38	1.14	3729.923	73.85
RW-13	9/6/11	LNAPL	3798.52	69.04	68.85	0.19	3729.634	73.92
RW-13	11/29/11		3798.52	68.95	-	-	3729.57	73.9
RW-13	3/5/12	LNAPL	3798.52	69.25	69.01	0.24	3729.464	-
RW-13	6/5/12	LNAPL	3798.52	69.55	69.45	0.1	3729.051	-
RW-13	7/10/12	LNAPL	3798.52	69.78	69.31	0.47	3729.121	74
RW-13	12/4/12	LNAPL	3798.52	69.86	69.5	0.36	3728.952	-
RW-13	3/4/13	LNAPL	3798.52	70.05	69.64	0.41	3728.802	-
RW-13	5/28/13	LNAPL	3798.52	70.47	69.76	0.71	3728.625	-
RW-13	8/27/13	LNAPL	3798.52	70.72	69.98	0.74	3728.399	-
RW-13	11/12/13	LNAPL	3798.52	70.84	70.12	0.72	3728.263	-
RW-13	2/24/14	LNAPL	3798.52	70.54	70.36	0.18	3728.126	-
RW-13	5/27/14	LNAPL	3798.52	70.77	70.55	0.22	3727.928	-
RW-13	9/2/14	LNAPL	3798.52	70.99	70.76	0.23	3727.716	-

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RW-13	11/18/14	LNAPL	3798.52	71.2	70.95	0.25	3727.522	-
RW-13	3/2/15	LNAPL	3798.52	71.33	71.18	0.15	3727.312	-
RW-13	6/2/15	LNAPL	3798.52	71.48	71.34	0.14	3727.153	-
RW-13	8/11/15	LNAPL	3798.52	71.54	71.53	0.01	3726.988	-
RW-13	11/30/15	LNAPL	3798.52	71.81	71.78	0.03	3726.734	-
RW-13	2/8/16	LNAPL	3798.52	71.9	71.89	0.01	3726.628	-
RW-13	5/23/16	LNAPL	3798.52	72.3	72.26	0.04	3726.252	-
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	74.1
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
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
RW-13	8/27/18	Dry	3800.62	-	-	-	-	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	Dry	3800.62	-	-	-	-	-
RW-13	7/22/19	Dry	3800.62	-	-	-	-	-
RW-13	10/21/19	Dry	3800.62	-	-	-	-	74.1
RW-13	2/12/20	Dry	3800.62	-	-	-	-	74.95
RW-13	5/1/20	Dry	3800.62	-	-	-	-	-
RW-13	5/12/20		3800.62	73.92	-	-	3726.7	74.09
RW-13	6/19/20	Dry	3800.62	-	-	-	-	-
RW-13	7/29/20	Dry	3800.62	-	-	-	-	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	Dry	3800.62	-	-	-	-	74.07
RW-13	12/11/20		3800.62	73.92	-	-	3726.7	74.07
RW-14	11/18/14		3798.07	70.7	-	-	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	71.5	-	-	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	-	-	3725.7	84.24
RW-14	8/31/16		3798.07	-	-	-	-	-
RW-14	9/27/16		3798.07	-	-	-	-	-
RW-14	10/11/16		3798.07	-	-	-	-	-

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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	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	82.4
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	-	-	-	-	-
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	83.7
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	74.3	-	-	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	74.7	-	-	3725.43	-
RW-14	10/24/19		3800.13	-	-	-	-	-
RW-14	12/11/19		3800.13	-	-	-	-	-
RW-14	2/12/20		3800.13	75	-	-	3725.13	85.38
RW-14	5/1/20		3800.13	75.13	-	-	3725	-
RW-14	5/12/20		3800.13	75.13	-	-	3725	-
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	75.4	-	-	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-15	11/18/14		3798.16	70.71	-	-	3727.45	85.57
RW-15	3/2/15		3798.16	70.93	-	-	3727.23	86.7
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

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thic□ness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
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
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
RW-15	10/12/17		3800.23	-	-	-	-	-
RW-15	10/17/17		3800.23	-	-	-	-	-
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
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	73.5	-	-	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-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	75.5	-	-	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-16	3/3/17		3800.19	-	-	-	-	-
RW-16	5/16/17		3800.19	-	-	-	-	-
RW-16	5/30/17	LNAPL	3800.19	72.63	72.5	0.13	3727.665	-
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	LNAPL	3800.19	72.78	72.75	0.03	3727.434	-
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	11/28/17	LNAPL	3800.19	73.03	72.97	0.06	3727.208	-
RW-16	12/5/17		3800.19	-	-	-	-	-
RW-16	12/21/17		3800.19	-	-	-	-	-
RW-16	2/26/18	LNAPL	3800.19	73.29	73.08	0.21	3727.07	91.42
RW-16	5/29/18	LNAPL	3800.19	73.9	73.25	0.65	3726.816	-
RW-16	8/27/18	LNAPL	3800.19	73.91	73.44	0.47	3726.661	91.42
RW-16	11/26/18	LNAPL	3800.19	-	73.55	-	-	74.95
RW-16	2/26/19	LNAPL	3800.19	75.74	73.64	2.1	3726.151	-
RW-16	4/30/19	LNAPL	3800.19	76.31	73.67	2.64	3726.018	-
RW-16	5/20/19	LNAPL	3800.19	75.6	73.91	1.69	3725.959	-
RW-16	6/11/19		3800.19	-	-	-	-	-
RW-16	6/25/19		3800.19	-	-	-	-	-
RW-16	7/22/19	LNAPL	3800.19	75.21	74.2	1.01	3725.798	-
RW-16	10/21/19	LNAPL	3800.19	74.68	74.6	0.08	3725.575	-
RW-16	2/11/20	LNAPL	3800.19	75.09	74.84	0.25	3725.302	89.95
RW-16	5/1/20		3800.19	-	-	-	-	-
RW-16	5/12/20	LNAPL	3800.19	75.21	75.05	0.16	3725.11	-
RW-16	6/19/20		3800.19	-	-	-	-	-
RW-16	7/29/20	LNAPL	3800.19	75.83	75.17	0.66	3724.895	-

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

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thic□ness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
RW-16	8/24/20	LNAPL	3800.19	75.99	75.21	0.78	3724.832	-
RW-16	9/14/20	LNAPL	3800.19	76.13	75.27	0.86	3724.757	-
RW-16	11/2/20	LNAPL	3800.19	75.58	75.51	0.07	3724.667	-
RW-16	12/11/20		3800.19	-	-	-	-	-
RW-17	3/3/17		3799.82	-	-	-	-	-
RW-17	5/16/17		3799.82	-	-	-	-	-
RW-17	5/30/17	LNAPL	3799.82	72.8	72.2	0.6	3727.506	-
RW-17	6/14/17		3799.82	-	-	-	-	-
RW-17	6/27/17		3799.82	-	-	-	-	-
RW-17	8/28/17	LNAPL	3799.82	73.5	72.33	1.17	3727.268	-
RW-17	11/29/17	LNAPL	3799.82	75.63	72.11	3.52	3727.041	-
RW-17	2/26/18	LNAPL	3799.82	76.96	72.04	4.92	3726.845	89.78
RW-17	5/29/18	LNAPL	3799.82	77.72	72.2	5.52	3726.571	-
RW-17	8/27/18	LNAPL	3799.82	74.17	73.12	1.05	3726.5	89.78
RW-17	11/26/18	LNAPL	3799.82	74.92	73.28	1.64	3726.229	89.78
RW-17	2/20/19		3799.82	-	-	-	-	-
RW-17	2/26/19	LNAPL	3799.82	73.95	73.74	0.21	3726.04	-
RW-17	5/20/19	LNAPL	3799.82	74.45	73.85	0.6	3725.856	-
RW-17	6/11/19		3799.82	-	-	-	-	-
RW-17	6/25/19		3799.82	-	-	-	-	-
RW-17	7/22/19	LNAPL	3799.82	74.55	74.04	0.51	3725.683	-
RW-17	10/21/19	LNAPL	3799.82	74.81	74.3	0.51	3725.423	-
RW-17	2/11/20	LNAPL	3799.82	75.21	74.52	0.69	3725.169	89.82
RW-17	5/1/20		3799.82	-	-	-	-	-
RW-17	5/12/20	LNAPL	3799.82	75.27	74.76	0.51	3724.963	-
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	LNAPL	3799.82	75.52	75.08	0.44	3724.656	-
RW-17	11/2/20	LNAPL	3799.82	76.55	75.02	1.53	3724.509	-
RW-17	12/11/20	LNAPL	3799.82	77.25	75	2.25	3724.393	-
RW-18	3/10/20		3799.57	-	-	-	-	-
RW-18	4/8/20	LNAPL	3799.57	74.77	74.76	0.01	3724.808	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	LNAPL	3799.57	74.85	74.82	0.03	3724.744	-
RW-18	6/19/20	LNAPL	3799.57	74.96	74.88	0.08	3724.675	-
RW-18	7/29/20	LNAPL	3799.57	75.08	75.02	0.06	3724.539	-
RW-18	8/24/20	LNAPL	3799.57	75.14	75.08	0.06	3724.479	-
RW-18	9/14/20	LNAPL	3799.57	75.22	75.16	0.06	3724.399	-
RW-18	11/2/20	LNAPL	3799.57	75.36	75.24	0.12	3724.307	-
RW-18	12/11/20	LNAPL	3799.57	75.57	75.33	0.24	3724.194	-
RW-19	3/10/20		3799.31	-	-	-	-	-
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	74.8	-	-	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	-

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

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-1R	2/23/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-1R	5/21/21	DUP	□0.00019	□0.000412	□0.00016	□0.00051
MW-1R	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-1R	8/13/21		□0.00019	□0.000412	□0.00016	**0.000745** □
MW-1R	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-1R	2/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-1R	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
MW-1R	8/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-1R	11/9/22		□0.00019	□0.000412	**0.000386** □	□0.00051
MW-1R	2/10/23		□0.00019	□0.000412	□0.00016	**0.00056** □
MW-1R	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-1R	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-1R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-1R	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-1R	5/9/24		□0.001	□0.001	□0.001	□0.003
MW-1R	8/8/24		□0.001	□0.001	□0.001	□0.003
MW-1R	11/6/24		□0.001	□0.001	□0.001	□0.003
MW-2R	2/23/21	DUP	□0.00019	□0.000412	□0.00016	□0.00051
MW-2R	2/23/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-2R	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-2R	8/13/21	DUP	**0.000353** □	□0.000412	□0.00016	□0.00051
MW-2R	8/13/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-2R	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-2R	2/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-2R	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
MW-2R	8/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-2R	11/10/22		□0.00019	**0.000432** □	**0.000323** □	□0.00051
MW-2R	2/16/23		□0.00019	□0.000412	□0.00016	□0.00051
MW-2R	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-2R	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-2R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-2R	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-2R	5/9/24		□0.001	□0.001	□0.001	□0.003
MW-2R	8/8/24		□0.001	□0.001	□0.001	□0.003
MW-2R	11/6/24		□0.001	□0.001	□0.001	□0.003
MW-3R	2/23/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	8/13/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	2/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
MW-3R	8/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	11/9/22		□0.00019	**0.000428** □	**0.000372** □	□0.00051
MW-3R	2/16/23		□0.00019	□0.000412	□0.00016	**0.000542** □
MW-3R	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-3R	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-3R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-3R	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-3R	5/9/24		□0.001	□0.001	□0.001	□0.003
MW-3R	8/8/24		□0.001	□0.001	□0.001	□0.003
MW-3R	11/6/24		□0.001	□0.001	□0.001	□0.003
MW-4R	2/23/21	DUP	□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	2/23/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	8/13/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	2/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
MW-4R	8/16/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	11/9/22		□0.00019	**0.000427** □	**0.000347** □	□0.00051
MW-4R	2/10/23		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-4R	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-4R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-4R	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-4R	5/9/24		□0.001	□0.001	□0.001	□0.003
MW-4R	8/8/24		□0.001	□0.001	□0.001	□0.003
MW-4R	11/6/24		□0.001	□0.001	□0.001	□0.003
MW-5R	2/23/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-5R	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-5R	8/13/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-5R	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-5R	2/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-5R	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
MW-5R	8/16/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-5R	11/9/22		□0.00019	□0.000412	**0.000352** □	□0.00051
MW-5R	2/17/23		□0.00019	□0.000412	□0.00016	□0.00051
MW-5R	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-5R	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-5R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-5R	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-5R	5/9/24	DUP	□0.001	□0.001	□0.001	□0.003
MW-5R	5/9/24		□0.001	□0.001	□0.001	□0.003
MW-5R	8/8/24	DUP	□0.001	□0.001	□0.001	□0.003
MW-5R	8/8/24		□0.001	□0.001	□0.001	□0.003
MW-5R	11/6/24	DUP	□0.001	□0.001	□0.001	□0.003
MW-5R	11/6/24		□0.001	□0.001	□0.001	□0.003
MW-7R	2/23/21		□0.00019	□0.000412	□0.00016	**0.00299**
MW-7R	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-7R	8/13/21		□0.00019	□0.000412	□0.00016	**0.000755** □
MW-7R	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-7R	2/15/22		□0.00019	□0.000412	□0.00016	**0.000872 B**□
MW-7R	5/6/22		□0.00493	□0.000998	□0.000462	□0.00132
MW-7R	8/15/22		□0.00019	□0.000412	□0.00016	□0.00051

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-7R	11/9/22		□0.00019	□0.000412	**0.000338** □	□0.00051
MW-7R	2/17/23		□0.00019	□0.000412	□0.00016	**0.000593** □
MW-7R	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-7R	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-7R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-7R	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-7R	5/9/24		□0.001	□0.001	□0.001	□0.003
MW-7R	8/8/24		□0.001	□0.001	□0.001	□0.003
MW-7R	11/6/24		□0.001	□0.001	□0.001	□0.003
MW-8R	2/23/21		**0.0155**	**0.00326**	**0.00343**	**0.0114**
MW-8R	5/21/21		**0.026**	□0.000412	**0.00228**	**0.00362**
MW-8R	8/13/21		**0.0573**	**0.00122**	**0.00251**	**0.00426**
MW-8R	11/12/21	DUP	**0.00575**	**0.000663** □	**0.000246** □	□0.00051
MW-8R	11/12/21		**0.00443**	**0.000538** □	**0.000238** □	□0.00051
MW-8R	2/15/22	DUP	**0.0206**	**0.00423**	**0.00349**	**0.0157**
MW-8R	2/15/22		**0.0275**	**0.00182**	**0.00507**	**0.0147**
MW-8R	5/6/22		**0.00629**	□0.000998	**0.000988** □	**0.00136** □
MW-8R	8/16/22		**0.000389** □	□0.000412	**0.000164** □	□0.00051
MW-8R	11/10/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-8R	2/17/23	DUP	**0.000985**	□0.000412	□0.00016	□0.00051
MW-8R	2/17/23		**0.00146**	□0.000412	□0.00016	□0.00051
MW-8R	5/3/23	DUP	**0.00025** □	□0.001	**0.000192** □	□0.0015
MW-8R	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-8R	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-8R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-8R	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-8R	5/9/24	DUP	□0.001	□0.001	□0.001	□0.003
MW-8R	5/9/24		□0.001	□0.001	□0.001	□0.003
MW-8R	8/9/24	DUP	□0.001	□0.001	□0.001	□0.003
MW-8R	8/9/24		□0.001	□0.001	□0.001	□0.003
MW-8R	11/6/24	DUP	□0.001	□0.001	□0.001	□0.003
MW-8R	11/6/24		□0.001	□0.001	□0.001	□0.003
MW-10R	2/23/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-10R	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-10R	8/13/21	DUP	□0.00019	□0.000412	□0.00016	□0.00051
MW-10R	8/13/21		□0.00019	**0.000511** □	□0.00016	□0.00051
MW-10R	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-10R	2/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-10R	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
MW-10R	8/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-10R	11/9/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-10R	2/16/23		□0.00019	□0.000412	□0.00016	□0.00051
MW-10R	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-10R	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-10R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-10R	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-10R	5/9/24		□0.001	□0.001	□0.001	□0.003

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-10R	8/9/24		□0.001	□0.001	□0.001	□0.003
MW-10R	11/6/24		□0.001	□0.001	□0.001	□0.003
MW-11R	2/23/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-11R	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-11R	8/13/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-11R	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-11R	2/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-11R	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
MW-11R	8/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-11R	11/9/22		□0.00019	**0.00047** □	**0.000349** □	□0.00051
MW-11R	2/16/23		□0.00019	□0.000412	□0.00016	□0.00051
MW-11R	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-11R	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-11R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-11R	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-11R	5/9/24		□0.001	□0.001	□0.001	□0.003
MW-11R	8/9/24		□0.001	□0.001	□0.001	□0.003
MW-11R	11/6/24		□0.001	□0.001	□0.001	□0.003
MW-12R	2/23/21		**0.000723**	**0.00279**	**0.00136**	**0.000757** □
MW-12R	5/21/21		**0.000193** □	□0.000412	**0.0016**	□0.00051
MW-12R	8/13/21		**0.000477** □	□0.000412	**0.00074**	□0.00051
MW-12R	11/12/21		**0.000216** □	**0.00121**	**0.000371** □	□0.00051
MW-12R	2/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-12R	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
MW-12R	8/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-12R	11/9/22		□0.00019	□0.000412	**0.000764**	**0.000633** □
MW-12R	2/16/23		□0.00019	□0.000412	□0.00016	□0.00051
MW-12R	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-12R	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-12R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-12R	2/12/24		□0.001	□0.002	□0.001	□0.003
MW-13R	2/23/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-13R	5/21/21		**0.000832**	□0.000412	□0.00016	□0.00051
MW-13R	8/13/21		**0.00224**	□0.000412	□0.00016	□0.00051
MW-13R	11/12/21	DUP	**0.00182**	**0.00114**	**0.000406** □	□0.00051
MW-13R	11/12/21		**0.00171**	**0.00116**	**0.000406** □	□0.00051
MW-13R	2/15/22	DUP	□0.00019	□0.000412	□0.00016	□0.00051
MW-13R	2/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-13R	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
MW-13R	8/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-13R	11/9/22		□0.00019	**0.000433** □	**0.000342** □	□0.00051
MW-13R	2/10/23		□0.00019	□0.000412	□0.00016	**0.000546** □
MW-13R	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-13R	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-13R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-13R	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-13R	5/9/24		□0.001	□0.001	□0.001	□0.003

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-13R	8/8/24		□0.001	□0.001	□0.001	□0.003
MW-13R	11/6/24		□0.001	□0.001	□0.001	□0.003
MW-14	5/20/21		-	-	-	-
MW-14	8/12/21		-	-	-	-
MW-15	5/20/21		-	-	-	-
MW-15	8/12/21		-	-	-	-
MW-16	2/23/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-17	2/23/21		□0.00019	□0.000412	**0.000354** □	**0.00439**
MW-17	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-17	8/13/21		□0.00019	□0.000412	**0.000204** □	**0.00283**
MW-17	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-17	2/15/22		□0.00019	□0.000412	□0.00016	**0.00107** □
MW-17	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
MW-17	8/18/22		**0.000206** □	□0.000412	□0.00016	□0.00051
MW-17	11/9/22	DUP	**0.000404** □	□0.000412	**0.000343** □	**0.00107** □
MW-17	11/9/22		**0.000322** □	□0.000412	**0.000264** □	**0.00082** □
MW-17	2/16/23		□0.00019	**0.00166**	**0.000527**	**0.000645** □
MW-17	5/3/23	DUP	**0.000321** □	**0.00405**	**0.000992**	**0.00104** □
MW-17	5/3/23		**0.000274** □	**0.00295**	**0.00075**	**0.000672** □
MW-17	8/10/23	DUP	□0.0005	□0.001	□0.0005	□0.0015
MW-17	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-17	11/13/23	DUP	□0.0005	□0.001	□0.0005	□0.0015
MW-17	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-17	2/12/24	DUP	□0.0005	□0.001	□0.0005	□0.0015
MW-17	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-17	5/9/24		□0.001	□0.001	□0.001	□0.003
MW-17	8/9/24		□0.001	□0.001	□0.001	□0.003
MW-18	2/23/21		**0.000304** □	□0.000412	□0.00016	□0.00051
MW-18	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-18	8/13/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-18	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
MW-18	2/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-18	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
MW-18	8/15/22		□0.00019	□0.000412	□0.00016	□0.00051
MW-18	11/9/22		□0.00019	□0.000412	**0.000316** □	□0.00051
MW-18	2/10/23		□0.00019	□0.000412	□0.00016	**0.000514** □
MW-18	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
MW-18	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
MW-18	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
MW-18	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
MW-18	5/9/24		□0.001	□0.001	□0.001	□0.003
MW-18	8/8/24		□0.001	□0.001	□0.001	□0.003
RW-5R	2/23/21		□0.00019	□0.000412	**0.000444** □	**0.0232**
RW-5R	5/21/21		□0.00019	□0.000412	□0.00016	**0.00167**
RW-5R	8/13/21		□0.00019	□0.000412	□0.00016	□0.00051
RW-5R	11/12/21		□0.00019	□0.000412	□0.00016	**0.00106** □
RW-5R	2/15/22		□0.00019	□0.000412	□0.00016	**0.00377**

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
RW-5R	5/6/22		□0.000493	□0.000998	□0.000462	**0.00235** □
RW-5R	8/16/22		□0.00019	□0.000412	□0.00016	□0.00051
RW-5R	11/10/22		□0.00019	□0.000412	**0.000193** □	**0.00106** □
RW-5R	2/17/23		**0.000477** □	□0.000412	**0.00034** □	**0.000948** □
RW-5R	5/3/23		**0.00025** □	□0.001	**0.000326** □	**0.00377**
RW-5R	8/10/23		□0.0005	□0.001	□0.0005	**0.0098**
RW-5R	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
RW-5R	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
RW-5R	5/9/24		□0.001	□0.001	□0.001	□0.003
RW-5R	8/9/24		□0.001	□0.001	□0.001	□0.003
RW-5R	11/6/24		□0.001	□0.001	□0.001	□0.003
RW-7	5/20/21		-	-	-	-
RW-7	8/12/21		-	-	-	-
RW-10R	5/20/21		-	-	-	-
RW-10R	8/12/21		-	-	-	-
RW-13	5/20/21		-	-	-	-
RW-14	2/23/21		□0.00019	□0.000412	□0.00016	□0.00051
RW-14	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
RW-14	8/13/21		□0.00019	□0.000412	□0.00016	□0.00051
RW-14	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
RW-14	2/15/22		□0.00019	□0.000412	□0.00016	□0.00051
RW-14	5/6/22		□0.00493	□0.000998	□0.000462	□0.00132
RW-14	8/15/22		□0.00019	**0.000546** □	□0.00016	□0.00051
RW-14	11/10/22		**0.000486** □	**0.00159**	**0.000381** □	□0.00051
RW-14	2/16/23	DUP	□0.00019	□0.000412	**0.000249** □	**0.000555** □
RW-14	2/16/23		□0.00019	**0.000474** □	□0.00016	□0.00051
RW-14	5/3/23		□0.0005	□0.001	**0.000215** □	□0.0015
RW-14	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
RW-14	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
RW-14	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
RW-14	5/9/24		□0.001	□0.001	□0.001	□0.003
RW-14	8/8/24		□0.001	□0.001	□0.001	□0.003
RW-14	11/6/24		□0.001	□0.001	□0.001	□0.003
RW-15	2/23/21		**0.00386** □	**0.00112**	**0.000534**	**0.0011** □
RW-15	5/21/21		□0.00019	□0.000412	**0.000262** □	□0.00051
RW-15	8/13/21		□0.00019	□0.000412	**0.000302** □	□0.00051
RW-15	11/12/21		□0.00019	□0.000412	**0.00033** □	□0.00051
RW-15	2/15/22		**0.000202** □	□0.000412	**0.000377 B**□	□0.00051
RW-15	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
RW-15	8/16/22		**0.000367** □	**0.000943** □	**0.00035** □	□0.00051
RW-15	11/10/22	DUP	□0.00019	□0.000412	**0.000279** □	**0.000522** □
RW-15	11/10/22		**0.000244** □	□0.000412	**0.000245** □	□0.00051
RW-15	2/16/23		□0.00019	□0.000412	□0.00016	□0.00051
RW-15	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
RW-15	8/10/23	DUP	□0.0005	□0.001	□0.0005	□0.0015
RW-15	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
RW-15	11/13/23	DUP	□0.0005	□0.001	□0.0005	□0.0015

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Darr Angell No. 4
SRS No. 2001-10876
Lea County, New Mexico
NMOCD Incident No. nAPP2108856592

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
RW-15	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
RW-15	2/12/24	DUP	□0.0005	□0.001	□0.0005	□0.0015
RW-15	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
RW-15	5/9/24		□0.001	□0.001	□0.001	□0.003
RW-15	8/8/24		□0.001	□0.001	□0.001	□0.003
RW-15	11/6/24		□0.001	□0.001	□0.001	□0.003
RW-16	5/20/21		-	-	-	-
RW-16	8/12/21		-	-	-	-
RW-17	5/20/21		-	-	-	-
RW-17	8/12/21		-	-	-	-
RW-19	2/23/21		**0.00227**	□0.000412	**0.00147**	**0.00777**
RW-19	5/21/21	DUP	□0.00019	□0.000412	□0.00016	□0.00051
RW-19	5/21/21		□0.00019	□0.000412	□0.00016	□0.00051
RW-19	8/13/21		□0.00019	□0.000412	□0.00016	□0.00051
RW-19	11/12/21		□0.00019	□0.000412	□0.00016	□0.00051
RW-19	2/15/22		**0.000213** □	□0.000412	□0.00016	**0.00119** □
RW-19	5/6/22		□0.000493	□0.000998	□0.000462	□0.00132
RW-19	8/18/22		□0.00019	□0.000412	□0.00016	□0.00051
RW-19	11/10/22		□0.00019	**0.000536** □	**0.00054**	□0.00051
RW-19	2/16/23		□0.00019	□0.000412	□0.00016	**0.000512** □
RW-19	5/3/23		□0.0005	□0.001	□0.0005	□0.0015
RW-19	8/10/23		□0.0005	□0.001	□0.0005	□0.0015
RW-19	11/13/23		□0.0005	□0.001	□0.0005	□0.0015
RW-19	2/12/24		□0.0005	□0.001	□0.0005	□0.0015
RW-19	5/9/24		□0.001	□0.001	□0.001	□0.003
RW-19	8/9/24		□0.001	□0.001	□0.001	□0.003
RW-19	11/6/24		□0.001	□0.001	□0.001	□0.003

Notes:
1. Analytical results are presented in milligrams per liter (mg/L)
2. All dates are in the format: MM/DD/□□
3. Shaded results indicates results exceeding their respective New Mexico Water □uality Control Commission (NMWCC) Human Health
4. Bolded results indicate analyte was detected above the laboratory detection limit
5. □: Analyte was not detected at or above the laboratory reporting limit
6. J: Concentration is less than the quantitation limit and is an estimated value
7. B: The sample matrix interfered with the ability to make any accurate determination or the analyte was detected in the associated
8. -: Not Analyzed
9. DUP: Duplicate Sample
10. Dry: No fluid column measured in corresponding monitoring or recovery well
11. LNAPL: Light Non-Aqueous Phase Liquids

Table 2b

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-1A	12/1/11		□0.001	□0.001	□0.001	□0.001
MW-1A	12/7/12		□0.001	□0.001	□0.001	□0.001
MW-1A	11/14/13		□0.001	□0.001	□0.001	□0.001
MW-1A	11/20/14		□0.001	□0.001	□0.001	□0.001
MW-1R	5/15/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-1R	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-1R	11/3/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-2	12/1/11		□0.001	□0.001	□0.001	□0.001
MW-2	12/7/12		□0.001	□0.001	□0.001	□0.001
MW-2R	5/15/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-2R	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-2R	11/3/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-3	3/2/11		□0.001	□0.001	□0.001	□0.001
MW-3	6/15/11		□0.001	□0.001	□0.001	□0.001
MW-3	9/13/11		□0.001	□0.001	□0.001	□0.001
MW-3R	3/5/15	DUP	□0.001	□0.001	□0.001	□0.001
MW-3R	3/5/15		□0.001	□0.001	□0.001	□0.001
MW-3R	6/5/15		□0.001	□0.001	□0.001	□0.001
MW-3R	8/13/15		□0.001	□0.001	□0.001	□0.001
MW-3R	12/3/15		□0.001	□0.001	□0.001	□0.001
MW-3R	2/11/16		□0.001	□0.001	□0.001	□0.001
MW-3R	5/27/16		□0.001	□0.001	□0.001	□0.001
MW-3R	9/1/16		□0.001	□0.001	□0.001	□0.001
MW-3R	11/4/16		□0.001	□0.001	□0.001	□0.001
MW-3R	3/3/17		**0.00137**	□0.0015	□0.002	□0.002
MW-3R	6/2/17	DUP	□0.002	□0.002	□0.002	□0.002
MW-3R	6/2/17		□0.002	□0.002	□0.002	□0.002
MW-3R	8/30/17		□0.002	□0.002	□0.002	□0.002
MW-3R	11/30/17		□0.002	□0.002	□0.002	□0.002
MW-3R	3/1/18		**0.003**	□0.002	□0.002	□0.002
MW-3R	6/1/18		□0.002	□0.002	□0.002	□0.002
MW-3R	8/28/18		□0.00019	□0.000412	□0.00016	**0.000576** □
MW-3R	11/28/18	DUP	□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	11/28/18		□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	5/23/19		□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	7/25/19		□0.00019	□0.000412	**0.000262** □	□0.00051
MW-3R	10/25/19		□0.00019	□0.000412	□0.00016	**0.000752** □
MW-3R	2/13/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	5/15/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-3R	11/3/20		**0.000209** □	**0.00137**	**0.00274**	**0.00539**
MW-4	12/1/11		□0.001	□0.001	□0.001	□0.001
MW-4	12/7/12		□0.001	□0.001	□0.001	□0.001

Table 2b

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-4	11/14/13		□0.001	□0.001	□0.001	□0.001
MW-4R	3/13/17		□0.002	□0.0015	□0.002	□0.002
MW-4R	6/2/17		□0.002	□0.002	□0.002	□0.002
MW-4R	8/30/17		□0.002	□0.002	□0.002	□0.002
MW-4R	11/30/17		□0.002	□0.002	□0.002	□0.002
MW-4R	3/1/18		□0.002	□0.002	□0.002	□0.002
MW-4R	6/1/18		□0.002	□0.002	□0.002	□0.002
MW-4R	8/28/18		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	11/28/18		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	2/28/19		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	5/23/19		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	7/25/19		□0.00019	□0.000412	**0.000215** □	□0.00051
MW-4R	10/25/19		□0.00019	**0.000498** □	□0.00016	**0.000839** □
MW-4R	2/13/20		**0.000191** □	□0.000412	□0.00016	□0.00051
MW-4R	5/15/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-4R	11/3/20		□0.00019	□0.000412	**0.00208**	**0.00362**
MW-5	12/1/11		□0.001	□0.001	□0.001	□0.001
MW-5	12/7/12		□0.001	□0.001	□0.001	□0.001
MW-5	11/14/13		□0.001	□0.001	□0.001	□0.001
MW-5	11/20/14		□0.001	□0.001	□0.001	□0.001
MW-5R	5/15/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-5R	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-5R	11/3/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-6	3/2/11		□0.001	□0.001	□0.001	□0.001
MW-6	6/15/11		□0.001	□0.001	□0.001	□0.001
MW-6	9/13/11		□0.001	□0.001	□0.001	□0.001
MW-6	12/1/11		□0.001	□0.001	□0.001	□0.001
MW-6	3/7/12		□0.001	□0.001	□0.001	□0.001
MW-6	6/7/12		□0.001	□0.001	□0.001	□0.001
MW-6	9/12/12		□0.001	□0.001	□0.001	□0.001
MW-6	12/7/12		□0.001	□0.001	□0.001	□0.001
MW-6	3/7/13		□0.001	□0.001	□0.001	□0.001
MW-6	5/30/13		□0.001	□0.001	□0.001	□0.001
MW-6	8/29/13		□0.001	□0.001	□0.001	□0.001
MW-6	11/14/13		□0.001	□0.001	□0.001	□0.001
MW-6	2/27/14		□0.001	□0.001	□0.001	□0.003
MW-6	5/29/14		□0.001	□0.001	□0.001	□0.003
MW-6	9/3/14		□0.001	□0.001	□0.001	□0.001
MW-6	11/20/14		□0.001	□0.001	□0.001	□0.001
MW-7	12/1/11		□0.001	□0.001	□0.001	□0.001
MW-7	12/7/12		□0.001	□0.001	□0.001	□0.001
MW-7	11/14/13		□0.001	□0.001	□0.001	□0.001

Table 2b

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-7R	5/15/20		□0.00019	□0.000412	□0.00016	**0.00298**
MW-7R	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-7R	11/3/20	DUP	□0.00019	□0.000412	□0.00016	**0.00307**
MW-7R	11/3/20		□0.00019	□0.000412	□0.00016	**0.00334**
MW-8	3/2/11		□0.001	□0.001	**0.0076**	**0.021**
MW-8	6/15/11		□0.001	□0.001	□0.001	□0.001
MW-8	9/13/11		□0.001	□0.001	□0.001	**0.007**
MW-8R	3/13/17		**0.0765**	**0.0791**	**0.0359**	**0.0908**
MW-8R	6/2/17	DUP	**0.375**	**0.267**	**0.147**	**0.453**
MW-8R	6/2/17		**0.389**	**0.248**	**0.14**	**0.425**
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	DUP	**0.116**	**0.0201**	**0.0459**	**0.11**
MW-8R	5/23/19		**0.19**	**0.0326**	**0.0788**	**0.158**
MW-8R	7/25/19		**0.00664**	**0.00343**	**0.00415**	**0.0248**
MW-8R	10/25/19	DUP	**0.0385**	**0.00766**	**0.0103**	**0.0858**
MW-8R	10/25/19		**0.0338**	**0.00812**	**0.0108**	**0.0687**
MW-8R	2/13/20	DUP	□0.00019	□0.000412	□0.00016	□0.00051
MW-8R	2/13/20		**0.0254**	□0.000412	**0.0028**	**0.0167**
MW-8R	4/8/20	DUP	**0.0196**	□0.000412	**0.000636**	**0.0049**
MW-8R	4/8/20		**0.018**	□0.000412	**0.000507**	**0.00594**
MW-8R	5/15/20	DUP	**0.00314**	□0.000412	□0.00016	**0.00548**
MW-8R	5/15/20		**0.00295**	□0.000412	□0.00016	**0.0053**
MW-8R	9/17/20		**0.00893**	□0.000412	□0.00016	□0.00051
MW-8R	11/3/20	DUP	**0.0195**	**0.00196**	**0.00223**	**0.00924**
MW-8R	11/3/20		**0.0245**	**0.00338**	**0.00382**	**0.0162**
MW-9	6/15/11		□0.001	□0.001	□0.001	□0.001
MW-9	12/1/11		□0.001	□0.001	□0.001	□0.001
MW-9	6/7/12		□0.001	□0.001	□0.001	□0.001
MW-9	12/7/12		□0.001	□0.001	□0.001	□0.001
MW-9	5/30/13		□0.001	□0.001	□0.001	□0.001
MW-9	11/14/13		□0.001	□0.001	□0.001	□0.001
MW-9	5/29/14		□0.001	□0.001	**0.0011**	**0.0039**
MW-9	11/20/14		□0.001	□0.001	□0.001	□0.001
MW-9	6/5/15		□0.001	□0.001	□0.001	□0.001
MW-10	3/2/11		□0.001	□0.001	□0.001	□0.001
MW-10	6/15/11		□0.001	□0.001	□0.001	□0.001
MW-10	9/13/11		□0.001	□0.001	□0.001	□0.001
MW-10	12/1/11		□0.001	□0.001	□0.001	□0.001

Table 2b

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-10	3/7/12		□0.001	□0.001	□0.001	□0.001
MW-10	6/7/12		□0.001	□0.001	□0.001	□0.001
MW-10	9/12/12		□0.001	□0.001	□0.001	□0.001
MW-10	12/7/12		□0.001	□0.001	□0.001	□0.001
MW-10	3/7/13		□0.001	□0.001	□0.001	□0.001
MW-10	5/30/13		□0.001	□0.001	□0.001	□0.001
MW-10	8/29/13		□0.001	□0.001	□0.001	□0.001
MW-10	11/14/13		□0.001	□0.001	□0.001	□0.001
MW-10	5/29/14		□0.001	□0.001	□0.001	□0.003
MW-10	9/3/14		□0.001	□0.001	□0.001	□0.001
MW-10	11/20/14		□0.001	□0.001	□0.001	□0.001
MW-10R	3/3/17		□0.002	□0.0015	□0.002	□0.002
MW-10R	6/2/17		□0.002	□0.002	□0.002	□0.002
MW-10R	8/30/17		**0.00256**	**0.00291**	□0.002	□0.002
MW-10R	11/30/17		□0.002	□0.002	□0.002	□0.002
MW-10R	3/1/18		□0.002	□0.002	□0.002	□0.002
MW-10R	6/1/18		□0.002	□0.002	□0.002	□0.002
MW-10R	8/28/18		**0.000554**	**0.00101**	**0.000372** □	□0.00051
MW-10R	11/28/18		**0.0004** □	□0.000412	□0.00016	□0.00051
MW-10R	2/28/19	DUP	**0.000596**	**0.00153**	**0.000383** □	□0.00051
MW-10R	2/28/19		**0.000591**	**0.00152**	**0.000303** □	□0.00051
MW-10R	5/23/19		**0.00119**	**0.00246**	**0.000805**	**0.012**
MW-10R	7/25/19		□0.00019	□0.000412	**0.000503**	□0.00051
MW-10R	10/25/19		**0.000571**	**0.00169**	**0.000455** □	**0.00155**
MW-10R	2/13/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-10R	5/15/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-10R	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-10R	11/3/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-11	12/1/11		□0.001	□0.001	□0.001	□0.001
MW-11	12/7/12		□0.001	□0.001	□0.001	□0.001
MW-11	8/29/13		□0.001	□0.001	□0.001	□0.001
MW-11	11/14/13		□0.001	□0.001	□0.001	□0.001
MW-11	9/3/14		□0.001	□0.001	□0.001	□0.001
MW-11	11/20/14		□0.001	□0.001	□0.001	□0.001
MW-11R	5/15/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-11R	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-11R	11/3/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-12	12/1/11		**0.21**	□0.005	**0.0147**	□0.005
MW-12	6/7/12		**0.303**	**0.134**	**0.397**	**1.2**
MW-12R	11/20/14		□0.001	□0.001	□0.001	□0.001
MW-12R	3/5/15		□0.001	□0.001	□0.001	□0.001
MW-12R	6/5/15		□0.001	□0.001	**0.0129**	**0.0021**
MW-12R	8/13/15		□0.001	□0.001	□0.001	□0.001

Table 2b

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-12R	12/3/15		□0.001	□0.001	**0.0015**	**0.0032**
MW-12R	2/11/16		□0.001	□0.001	□0.001	□0.001
MW-12R	5/27/16		□0.001	□0.001	□0.001	**0.0029**
MW-12R	9/1/16		□0.001	□0.001	□0.001	□0.001
MW-12R	11/4/16		□0.001	□0.001	□0.001	□0.001
MW-12R	3/3/17		**0.00732**	□0.0015	□0.002	**0.00417**
MW-12R	6/2/17		**0.0168**	□0.002	□0.002	**0.00364**
MW-12R	8/30/17	DUP	□0.002	□0.002	**0.00158** □	**0.00291**
MW-12R	8/30/17		□0.002	□0.002	□0.002	**0.00396** □
MW-12R	11/30/17	DUP	□0.002	□0.002	□0.002	□0.002
MW-12R	11/30/17		□0.002	□0.002	□0.002	□0.002
MW-12R	3/1/18		**0.00618**	□0.002	□0.002	□0.002
MW-12R	6/1/18	DUP	**0.00461**	□0.002	□0.002	**0.0029**
MW-12R	6/1/18		□0.002	□0.002	□0.002	□0.002
MW-12R	8/28/18		**0.000413** □	**0.00102**	**0.000546**	□0.00051
MW-12R	11/28/18		□0.00019	□0.000412	**0.000386** □	□0.00051
MW-12R	2/28/19		□0.00019	**0.00158**	**0.000554**	□0.00051
MW-12R	5/23/19		□0.00019	**0.00132**	**0.000627**	□0.00051
MW-12R	7/25/19		□0.00019	**0.000775** □	**0.000405** □	□0.00051
MW-12R	10/25/19		□0.00019	**0.000953** □	**0.000343** □	**0.000574** □
MW-12R	2/13/20		□0.00019	□0.000412	**0.000637**	□0.00051
MW-12R	5/15/20		**0.000833**	□0.000412	**0.00113**	□0.00051
MW-12R	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-12R	11/3/20		**0.00135**	**0.00342**	**0.00164**	**0.000928** □
MW-13R	5/15/20	DUP	□0.00019	□0.000412	□0.00016	□0.00051
MW-13R	5/15/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-13R	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-13R	11/3/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-14	3/2/11		□0.001	□0.001	□0.001	□0.001
MW-14	6/15/11		□0.001	□0.001	□0.001	□0.001
MW-14	9/13/11		□0.001	□0.001	□0.001	□0.001
MW-14	12/1/11		□0.001	□0.001	□0.001	□0.001
MW-14	3/7/12		□0.001	□0.001	□0.001	□0.001
MW-14	6/7/12		□0.001	□0.001	□0.001	□0.001
MW-14	9/12/12		□0.001	□0.001	□0.001	□0.001
MW-14	12/7/12		□0.001	□0.001	□0.001	□0.001
MW-14	3/7/13		□0.001	□0.001	□0.001	□0.001
MW-14	5/30/13		□0.001	□0.001	□0.001	□0.001
MW-14	8/29/13		□0.001	□0.001	□0.001	□0.001
MW-14	11/14/13		□0.001	□0.001	□0.001	□0.001
MW-14	2/27/14		□0.001	□0.001	□0.001	□0.003
MW-14	5/29/14		□0.001	□0.001	□0.001	□0.003
MW-14	9/3/14		□0.001	□0.001	□0.001	□0.001
MW-14	11/20/14		□0.001	□0.001	□0.001	□0.001

Table 2b

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-14	3/5/15		□0.001	□0.001	□0.001	□0.001
MW-14	6/5/15		□0.001	□0.001	□0.001	□0.001
MW-14	8/13/15		□0.001	□0.001	□0.001	□0.001
MW-14	12/3/15		□0.001	□0.001	□0.001	□0.001
MW-14	2/11/16		□0.001	□0.001	□0.001	□0.001
MW-14	5/27/16		□0.001	□0.001	□0.001	□0.001
MW-14	9/1/16		□0.001	□0.001	□0.001	□0.001
MW-14	11/4/16		□0.001	□0.001	□0.001	□0.001
MW-14	3/3/17		□0.002	□0.0015	□0.002	□0.002
MW-14	6/2/17		□0.002	□0.002	□0.002	□0.002
MW-14	8/30/17		□0.002	□0.002	□0.002	□0.002
MW-14	11/30/17		□0.002	□0.002	□0.002	□0.002
MW-14	3/1/18		□0.002	□0.002	□0.002	□0.002
MW-14	6/1/18		□0.002	□0.002	□0.002	□0.002
MW-14	8/28/18		□0.00019	□0.000412	□0.00016	□0.00051
MW-14	11/28/18		□0.00019	□0.000412	□0.00016	□0.00051
MW-14	2/28/19		□0.00019	**0.000423** □	□0.00016	□0.00051
MW-14	5/23/19		**0.000217** □	□0.000412	□0.00016	**0.000785** □
MW-14	5/12/20		-	-	-	-
MW-14	11/2/20		-	-	-	-
MW-15	3/2/11		□0.001	□0.001	□0.001	□0.001
MW-15	6/15/11		□0.001	□0.001	□0.001	□0.001
MW-15	9/13/11		□0.001	□0.001	□0.001	□0.001
MW-15	12/1/11		□0.001	□0.001	□0.001	□0.001
MW-15	3/7/12		□0.001	□0.001	□0.001	□0.001
MW-15	6/7/12		□0.001	□0.001	□0.001	□0.001
MW-15	9/12/12		□0.001	□0.001	□0.001	□0.001
MW-15	12/7/12		□0.001	□0.001	□0.001	□0.001
MW-15	3/7/13		□0.001	□0.001	□0.001	□0.001
MW-15	5/30/13		□0.001	□0.001	□0.001	□0.001
MW-15	8/29/13		□0.001	□0.001	□0.001	□0.001
MW-15	11/14/13		□0.001	□0.001	□0.001	□0.001
MW-15	2/27/14		□0.001	□0.001	□0.001	□0.003
MW-15	5/29/14		□0.001	□0.001	□0.001	□0.003
MW-15	9/3/14		□0.001	□0.001	□0.001	□0.001
MW-15	11/20/14		□0.001	□0.001	□0.001	□0.001
MW-15	3/5/15	DUP	□0.001	□0.001	□0.001	□0.001
MW-15	3/5/15		□0.001	□0.001	□0.001	□0.001
MW-15	6/5/15		□0.001	□0.001	□0.001	□0.001
MW-15	8/13/15		□0.001	□0.001	□0.001	□0.001
MW-15	12/3/15		□0.001	□0.001	□0.001	□0.001
MW-15	2/11/16		□0.001	□0.001	□0.001	□0.001
MW-15	5/27/16		□0.001	□0.001	□0.001	□0.001
MW-15	9/1/16		□0.001	□0.001	□0.001	□0.001

Table 2b

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-15	11/4/16		□0.001	□0.001	□0.001	□0.001
MW-15	3/3/17		□0.002	□0.0015	□0.002	□0.002
MW-15	6/2/17		□0.002	□0.002	□0.002	□0.002
MW-15	8/30/17		□0.002	□0.002	□0.002	□0.002
MW-15	11/30/17		□0.002	□0.002	□0.002	□0.002
MW-15	3/1/18		□0.002	□0.002	□0.002	□0.002
MW-15	6/1/18		□0.002	□0.002	□0.002	□0.002
MW-15	8/28/18		□0.00019	□0.000412	□0.00016	□0.00051
MW-15	11/28/18		□0.00019	**0.000441** □	□0.00016	□0.00051
MW-15	2/28/19		□0.00019	**0.000451** □	□0.00016	□0.00051
MW-15	5/23/19		□0.00019	□0.000412	□0.00016	□0.00051
MW-15	7/25/19		□0.00019	□0.000412	□0.00016	□0.00051
MW-15	10/25/19		□0.00019	□0.000412	□0.00016	**0.000829** □
MW-15	5/15/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-15	11/2/20		-	-	-	-
MW-16	3/2/11		□0.001	□0.001	□0.001	□0.001
MW-16	6/15/11		□0.001	□0.001	□0.001	□0.001
MW-16	9/13/11		□0.001	□0.001	□0.001	□0.001
MW-16	12/1/11		□0.001	□0.001	□0.001	□0.001
MW-16	3/7/12		□0.001	□0.001	□0.001	□0.001
MW-16	6/7/12		□0.001	□0.001	□0.001	□0.001
MW-16	9/12/12		□0.001	□0.001	□0.001	□0.001
MW-16	12/7/12		□0.001	□0.001	□0.001	□0.001
MW-16	3/7/13		□0.001	□0.001	□0.001	□0.001
MW-16	5/30/13		□0.001	□0.001	□0.001	□0.001
MW-16	8/29/13		□0.001	□0.001	□0.001	□0.001
MW-16	11/14/13		□0.001	□0.001	□0.001	□0.001
MW-16	2/27/14		□0.001	□0.001	□0.001	□0.003
MW-16	5/29/14		□0.001	□0.001	□0.001	□0.003
MW-16	9/3/14		□0.001	□0.001	□0.001	□0.001
MW-16	11/20/14		□0.001	□0.001	□0.001	□0.001
MW-16	3/5/15		□0.001	□0.001	□0.001	□0.001
MW-16	6/5/15		□0.001	□0.001	□0.001	□0.001
MW-16	8/13/15		□0.001	□0.001	□0.001	□0.001
MW-16	12/3/15		□0.001	□0.001	□0.001	□0.001
MW-16	2/11/16		□0.001	□0.001	□0.001	□0.001
MW-16	5/27/16		□0.001	□0.001	□0.001	□0.001
MW-16	9/1/16		□0.001	□0.001	□0.001	□0.001
MW-16	11/4/16		□0.001	□0.001	□0.001	□0.001
MW-16	3/3/17		□0.002	□0.0015	□0.002	□0.002
MW-16	6/2/17		□0.002	□0.002	□0.002	□0.002
MW-16	8/30/17		□0.002	□0.002	□0.002	□0.002
MW-16	11/30/17		□0.002	□0.002	□0.002	□0.002
MW-16	3/1/18		□0.002	□0.002	□0.002	□0.002

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
MW-16	6/1/18		□0.002	□0.002	□0.002	□0.002
MW-16	8/28/18		□0.00019	□0.000412	□0.00016	□0.00051
MW-16	11/28/18		**0.000316** □	□0.000412	□0.00016	□0.00051
MW-16	2/28/19		**0.000235** □	**0.000558** □	□0.00016	**0.000898** □
MW-16	5/23/19		**0.00101**	**0.00396**	**0.000825 B**	**0.0224**
MW-16	7/25/19		□0.00019	□0.000412	□0.00016	□0.00051
MW-16	10/25/19		□0.00019	**0.000584** □	□0.00016	**0.00195**
MW-16	2/13/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-16	5/15/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-16	11/3/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-17	3/3/17		**0.0131**	**0.00158**	**0.00699**	**0.0103**
MW-17	6/2/17		**0.043**	**0.0172**	**0.0178**	**0.0904**
MW-17	8/30/17		**0.0019** □	**0.00477**	**0.00393**	**0.0209**
MW-17	11/30/17		**0.0117**	**0.00366**	**0.00381**	**0.0219**
MW-17	3/1/18	DUP	**0.00877**	**0.00201**	**0.00343**	**0.0143**
MW-17	3/1/18		**0.00847**	**0.00223**	**0.00335**	**0.0146**
MW-17	6/1/18		□0.002	□0.002	□0.002	□0.002
MW-17	8/28/18	DUP	**0.00794**	**0.00266**	**0.00559**	**0.0339**
MW-17	8/28/18		**0.00506**	**0.00176**	**0.0036**	**0.0217**
MW-17	11/28/18		**0.00227**	**0.00165**	**0.00499**	**0.0273**
MW-17	2/28/19		**0.00385**	**0.0017**	**0.00764**	**0.0402**
MW-17	5/23/19		**0.000666**	**0.000472** □	**0.00463**	**0.0331**
MW-17	7/25/19	DUP	**0.000456** □	□0.000412	**0.0013**	**0.0128**
MW-17	7/25/19		**0.000692**	□0.000412	**0.00169**	**0.0163**
MW-17	10/25/19		□0.00019	□0.000412	□0.00016	**0.00137** □
MW-17	2/13/20	DUP	**0.0244**	□0.000412	**0.00222**	**0.0169**
MW-17	2/13/20		□0.00019	□0.000412	**0.000663**	**0.00222**
MW-17	4/8/20	DUP	□0.00019	□0.000412	**0.000318** □	**0.00149** □
MW-17	4/8/20		□0.00019	□0.000412	**0.000255** □	**0.00288**
MW-17	5/15/20		□0.00019	□0.000412	**0.000318** □	**0.00324**
MW-17	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-17	11/3/20		□0.00019	□0.000412	□0.00016	**0.00117** □
MW-18	5/15/20		□0.00019	□0.000412	□0.00016	□0.00051
MW-18	9/17/20		**0.000309** □	□0.000412	□0.00016	□0.00051
MW-18	11/3/20		**0.000288** □	□0.000412	□0.00016	□0.00051
RW-5	3/2/11		**0.0083**	□0.001	**0.0206**	**0.036**
RW-5	6/15/11		**0.0109**	□0.001	□0.001	□0.001
RW-5	9/13/11		**0.0151**	**0.0085**	**0.247**	**0.382**
RW-5	12/1/11		□0.001	**0.0478**	**0.354**	**0.758**
RW-5	3/7/12		**0.0548**	**0.055**	**0.268**	**0.675**
RW-5	6/7/12		□0.001	**0.0092**	**0.22**	**0.592**
RW-5	9/12/12		**0.0337**	□0.001	**0.111**	**0.289**
RW-5	12/7/12		□0.001	□0.001	**0.0498**	**0.0488**
RW-5	3/7/13		□0.001	□0.001	**0.0294**	**0.0132**

Table 2b

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
RW-5	8/29/13		□0.001	□0.001	□0.001	□0.001
RW-5	11/14/13		□0.001	□0.001	□0.001	□0.001
RW-5	2/27/14		□0.001	□0.001	**0.0072**	□0.003
RW-5	5/29/14		**0.001**	□0.001	**0.0025**	□0.003
RW-5	9/3/14		□0.001	□0.001	**0.0014**	**0.0078**
RW-5	3/5/15		□0.005	□0.005	□0.005	□0.005
RW-5R	3/3/17		□0.002	□0.0015	**0.00209**	**0.00723**
RW-5R	6/2/17		**0.00582**	**0.0043**	**0.00656**	**0.0295**
RW-5R	8/30/17	DUP	□0.002	□0.002	**0.00484**	**0.054**
RW-5R	8/30/17		□0.002	□0.002	**0.00504**	**0.058**
RW-5R	11/30/17	DUP	□0.002	□0.002	□0.002	**0.0203**
RW-5R	11/30/17		□0.002	**0.00219**	□0.002	**0.0209**
RW-5R	3/1/18	DUP	□0.002	□0.002	□0.002	**0.0111**
RW-5R	3/1/18		□0.002	□0.002	□0.002	**0.0101**
RW-5R	6/1/18	DUP	□0.002	□0.002	□0.002	**0.0255**
RW-5R	6/1/18		□0.002	□0.002	□0.002	**0.0361**
RW-5R	8/28/18	DUP	**0.000615**	□0.000412	**0.00089**	**0.011**
RW-5R	8/28/18		**0.000574**	□0.000412	**0.000846**	**0.01**
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** □	**0.00593**	**0.0634**
RW-5R	7/25/19	DUP	**0.00181**	□0.000412	**0.00507**	**0.0184**
RW-5R	7/25/19		**0.00177**	□0.000412	**0.00482**	**0.0175**
RW-5R	10/25/19		**0.00104**	**0.000575** □	**0.000704**	**0.00263**
RW-5R	2/13/20		**0.000901**	□0.000412	**0.00035**	**0.00313**
RW-5R	5/15/20		**0.000961**	□0.000412	□0.00016	**0.0366**
RW-5R	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
RW-5R	11/3/20		□0.00019	□0.000412	□0.00016	**0.0042**
RW-6	12/1/11		**0.0794**	**0.129**	**0.639**	**1.75**
RW-6	2/23/17		-	-	-	-
RW-7	3/13/17		□0.002	□0.0015	**0.00222**	**0.0101**
RW-7	5/30/17		-	-	-	-
RW-7	6/2/17		**0.00541**	**0.00255**	**0.00638**	**0.0145**
RW-7	8/30/17		□0.002	**0.0056**	**0.005**	**0.00886**
RW-7	11/30/17		□0.002	**0.00273**	**0.0034**	□0.002
RW-7	3/1/18		□0.002	**0.0109**	**0.00593**	**0.0262**
RW-7	6/1/18		□0.002	□0.002	□0.002	□0.002
RW-7	8/28/18		**0.000653**	□0.000412	□0.00016	**0.0082**
RW-7	11/28/18		**0.00119**	□0.000412	**0.00297**	**0.0211**
RW-7	2/28/19		**0.000838**	□0.000412	□0.00016	**0.00339**
RW-7	5/20/19		-	-	-	-
RW-7	7/22/19		-	-	-	-
RW-7	10/21/19		-	-	-	-
RW-7	2/12/20		-	-	-	-

Table 2b

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
RW-7	5/12/20		-	-	-	-
RW-7	9/14/20		-	-	-	-
RW-7	11/2/20		-	-	-	-
RW-8	12/1/11		**1.21**	**1.57**	**0.685**	**2.55**
RW-8	6/7/12		**1.55**	**0.184**	**0.52**	**1.9**
RW-10R	5/15/20		**0.372**	**0.223**	**0.0802**	**0.322**
RW-10R	9/14/20		-	-	-	-
RW-10R	9/17/20	DUP	**1.08**	**0.491**	**0.298**	**1.19**
RW-10R	9/17/20		**0.785**	**0.411**	**0.244**	**0.995**
RW-12	6/7/12		**0.303**	**0.134**	**0.397**	**1.2**
RW-13	3/2/11		**1.21**	**0.91**	**0.914**	**2.15**
RW-13	12/1/11		**1.08**	**0.219**	**0.311**	**0.776**
RW-13	9/1/16		**0.0273**	□0.001	**0.0179**	**0.0229**
RW-13	3/13/17		**0.00674**	□0.0015	**0.00578**	**0.0351**
RW-13	6/2/17		**0.043**	**0.00584**	**0.0515**	**0.0499**
RW-13	8/30/17		**0.0749**	**0.0091**	**0.104**	**0.0743**
RW-13	11/30/17		□0.002	□0.002	□0.002	□0.002
RW-13	3/1/18		**0.0239**	**0.324**	**0.155**	**0.601**
RW-13	2/28/19		**0.00955**	□0.000412	□0.00016	□0.00051
RW-13	5/20/19		-	-	-	-
RW-13	7/22/19		-	-	-	-
RW-13	10/21/19		-	-	-	-
RW-13	2/12/20		-	-	-	-
RW-13	11/2/20		-	-	-	-
RW-14	11/20/14		**0.052**	□0.001	**0.0493**	**0.0123**
RW-14	3/5/15		**0.0756**	□0.001	**0.0663**	**0.0217**
RW-14	8/13/15		□0.001	□0.001	□0.001	**0.001**
RW-14	12/3/15		**0.0217**	□0.001	□0.001	**0.0024**
RW-14	2/11/16		**0.112**	□0.001	**0.0588**	**0.0065**
RW-14	5/27/16		**0.0653**	□0.001	**0.0129**	**0.0059**
RW-14	9/1/16		**0.133**	□0.001	**0.0212**	**0.0183**
RW-14	11/4/16	DUP	**0.151**	□0.001	**0.0208**	**0.0115**
RW-14	11/4/16		**0.146**	□0.001	**0.0209**	**0.0115**
RW-14	3/3/17		**0.0625**	**0.00189**	**0.0179**	**0.0176**
RW-14	6/2/17		**0.0751**	□0.002	**0.0303**	**0.0397**
RW-14	8/30/17		**0.0103**	□0.002	□0.002	**0.00391**
RW-14	11/30/17		□0.002	□0.002	□0.002	□0.002
RW-14	3/1/18		□0.002	□0.002	□0.002	□0.002
RW-14	6/1/18		□0.002	□0.002	□0.002	□0.002
RW-14	8/28/18		□0.00019	□0.000412	**0.000392** □	□0.00051
RW-14	11/28/18	DUP	□0.00019	□0.000412	□0.00016	□0.00051
RW-14	11/28/18		□0.00019	**0.000877** □	□0.00016	□0.00051
RW-14	2/28/19	DUP	**0.000859**	**0.00127**	**0.000356** □	□0.00051

Table 2b

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
RW-14	2/28/19		**0.000963**	**0.00132**	**0.000419** □	**0.000592** □
RW-14	5/23/19	DUP	**0.00095**	**0.00122**	**0.000702**	□0.00051
RW-14	5/23/19		**0.001**	**0.00109**	**0.000595**	□0.00051
RW-14	7/25/19		**0.00373**	**0.00241**	**0.00121**	**0.0026**
RW-14	10/25/19	DUP	**0.00309**	**0.00112**	**0.000811**	**0.00125** □
RW-14	10/25/19		**0.00355**	**0.00204**	**0.0012**	**0.00159**
RW-14	2/13/20		**0.00158**	□0.000412	**0.000912**	□0.00051
RW-14	5/15/20		**0.000464** □	**0.00112**	**0.000461** □	**0.00123** □
RW-14	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
RW-14	11/3/20		□0.00019	**0.000623** □	**0.000219** □	□0.00051
RW-15	11/20/14		**0.0101**	**0.0117**	**0.0122**	**0.128**
RW-15	3/5/15		**0.0262**	**0.0059**	**0.0495**	**0.12**
RW-15	6/5/15	DUP	**0.0823**	□0.001	**0.0726**	**0.0355**
RW-15	6/5/15		**0.0714**	□0.001	**0.0539**	**0.0345**
RW-15	8/13/15	DUP	**0.315**	**0.0887**	**0.176**	**0.761**
RW-15	8/13/15		**0.325**	**0.0908**	**0.163**	**0.763**
RW-15	12/3/15	DUP	**0.422**	**0.105**	**0.178**	**0.423**
RW-15	12/3/15		**0.413**	**0.0962**	**0.22**	**0.455**
RW-15	2/11/16	DUP	**0.282**	□0.05	**0.225**	**0.247**
RW-15	2/11/16		**0.25**	□0.05	**0.325**	**0.279**
RW-15	5/27/16	DUP	**0.116**	**0.0059**	**0.0494**	**0.0564**
RW-15	5/27/16		**0.12**	□0.001	**0.0506**	**0.0396**
RW-15	9/1/16	DUP	**0.0672**	**0.0029**	**0.0498**	**0.0992**
RW-15	9/1/16		**0.0762**	**0.0037**	**0.0548**	**0.111**
RW-15	11/4/16		**0.0138**	□0.001	**0.0059**	**0.0111**
RW-15	3/3/17	DUP	□0.002	□0.0015	□0.002	□0.002
RW-15	3/3/17		□0.002	□0.0015	□0.002	□0.002
RW-15	6/2/17		□0.002	□0.002	□0.002	□0.002
RW-15	8/30/17		□0.002	□0.002	□0.002	**0.00802**
RW-15	11/30/17		□0.002	□0.002	□0.002	□0.002
RW-15	3/1/18		□0.002	□0.002	□0.002	□0.002
RW-15	6/1/18		□0.002	□0.002	□0.002	**0.00216**
RW-15	8/28/18		**0.000461** □	**0.000414** □	**0.000413** □	**0.0011** □
RW-15	11/28/18		□0.00019	□0.000412	□0.00016	□0.00051
RW-15	2/28/19		**0.000332**	**0.00134**	**0.000641**	**0.00167**
RW-15	5/23/19		□0.00019	**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-15	2/13/20		□0.00019	□0.000412	**0.000738**	□0.00051
RW-15	5/15/20		□0.00019	□0.000412	**0.000554**	**0.00272**
RW-15	9/17/20	DUP	□0.00019	**0.00117**	**0.000593**	□0.00051
RW-15	9/17/20		**0.000885**	□0.000412	□0.00016	□0.00051
RW-15	11/3/20		**0.0011**	**0.00129**	**0.000854**	**0.00062** □
RW-16	3/3/17		**0.0221**	**0.0608**	**0.0514**	**0.193**

Table 2b

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

Monitoring Well ID	Sample Date	Sample Type	Ben□ene	Toluene	Ethylben□ene	□ylenes (total)
New Mexico Water □uality Control Commission (NMWCC) Human Health Standards			**0.01**	**0.75**	**0.75**	**0.62**
RW-16	2/11/20		-	-	-	-
RW-16	5/12/20		-	-	-	-
RW-16	9/14/20		-	-	-	-
RW-16	11/2/20		-	-	-	-
RW-17	3/3/17		**0.0702**	**0.157**	**0.127**	**0.37**
RW-17	2/11/20		-	-	-	-
RW-17	5/12/20		-	-	-	-
RW-17	9/14/20		-	-	-	-
RW-17	11/2/20		-	-	-	-
RW-19	5/15/20		□0.00019	**0.000467** □	**0.000889**	**0.0062**
RW-19	9/17/20		□0.00019	□0.000412	□0.00016	□0.00051
RW-19	11/3/20		□0.00019	□0.000412	**0.000388** □	**0.00182**

Notes:
1. Analytical results are presented in milligrams per liter (mg/L)
2. All dates are in the format: MM/DD/□□
3. Shaded results indicates results exceeding their respective New Mexico Water □uality Control Commission (NMWCC)
4. Bolded results indicate analyte was detected above the laboratory detection limit
5. □: Analyte was not detected at or above the laboratory reporting limit
6. J: Concentration is less than the quantitation limit and is an estimated value
7. B: The sample matrix interfered with the ability to make any accurate determination or the analyte was detected in the
8. -: Not Analyzed
9. DUP: Duplicate Sample
10. Dry: No fluid column measured in corresponding monitoring or recovery well
11. LNAPL: Light Non-Aqueous Phase Liquids

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	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
	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
	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
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
	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
	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-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
	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
	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-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
	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
	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-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
	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
	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-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
	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	<0.000183	0.000285	<0.000183	<0.000183	<0.000183	0.000391	<0.000183	<0.000183	<0.000183
	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
	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
	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-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
	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	<0.000192	0.00451	<0.000192	0.00604	<0.000192	0.00597	<0.000192	0.00205	0.0108	0.00967
	12/1/09	<0.000917	<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
	11/30/17	<0.000190	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	---	---
	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**
	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	<0.000183
	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	<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	Anthracene	Acenaphthene	Acenaphthylene	Benz[a]anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz[a,h]anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-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
	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-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
	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
	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-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
	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
	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-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
	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
	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
	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
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
	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
	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
	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
	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
	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
	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**
		PQA																		
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**
	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**
		PQA																		
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
	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
	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
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	---	---
	11/28/18	**0.0000170**	**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
	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
	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	Anthracene	Acenaphthene	Acenaphthylene	Ben□o(a)anthracene	Ben□o(a)pyrene	Ben□o(b)fluoranthene	Ben□o(g,h,i)perylene	Ben□o(□)fluoranthene	Chrysene	Diben□o(a,h)anthracene	Diben□ofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Pyrene	Phenanthrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
New Mexico Water □uality Control Commission (NMW□CC) 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**		
	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**
	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**
	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
RW-6		**P□A**																		
	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**
	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**
	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
	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
RW-7		**Dry**																		
	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**
	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**
RW-8		**P□A**																		
	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**
	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**
RW-9																				
	12/3/08	□0.000183	□0.000183	□0.000183	□0.000183	□0.000183	□0.000183	□0.000183	□0.000183	□0.000183	□0.000183	0.0193	□0.000183	0.0265	□0.000183	0.0346	□0.000183	**0.121**	**0.279**	**0.257**
RW-10		**P□A**																		
	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**
RW-11																				
	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**
	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**
RW-12		**P□A**																		
	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**
	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
	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**
RW-13		**Dry**																		
	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
	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-14																				
	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
	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
	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
	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-15																				
	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
	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
RW-19																				

Notes:
1. Sample results listed prior to March 2011 were collected and reported by NO□A.
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. □ellow shaded cells indicate results exceeding NMW□CC Human Health Standards.
6. Green shaded cells indicate results meeting NMW□CC 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 □uantitation Limit
9. NMW□CC Human Health Standard for combined naphthalene □ 1-methylnaphthalene □ 2-methylnaphthalene is 0.003 mg/L per NMAC 20.6.2.3103 A.(1)(jj).

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 AP-007

Monitoring Well ID	Sample Date		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
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
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
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
PA																				
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
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
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
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
PA																				
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
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
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
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
PA																				
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
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
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
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
PA																				
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
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**	0.0000157	0.00000850	0.0000148	0.00000820	0.0000117	**0.0000987 B**	0.00000821
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
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
PA																				
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
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
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
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
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
PA																				
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
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
PA																				
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
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
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**
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
PA																				
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**	0.00000227	0.0000136	**0.0000108**	0.00000396	**0.00207**	0.0000157	**0.00151**	0.0000148	**0.00166**	0.0000117	**0.0311**	**0.0245**
MW-8R	10/25/19		**0.0000497**	**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**	**0.00112**	**0.00106**
MW-8R	11/3/20		0.0000190	**0.0000311**	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**	0.0000687
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

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 AP-007

Monitoring Well ID	Sample Date		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
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-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
PQA																				
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
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
PQA																				
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
MW-10R	11/28/18		**0.0000152** Q	<0.0000100	<0.0000120	<0.00000410	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000540 B** Q	<0.0000157	<0.00000850	<0.0000148	**0.0000185** Q	<0.0000117	**0.000157 B** Q	<0.00000821
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
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
PQA																				
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
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
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
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

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Darr Angell No. 4 SRS #2001-10876
Lea County, New Mexico
NMOCD AP-007

Monitoring Well ID	Sample Date		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
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
PQA																				
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
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
MW-12R	11/28/18		0.0000140	**0.0000496**	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**	**0.0000292**
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
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
PQA																				
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
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**	**0.00069**
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
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
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
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
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
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
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**
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**	0.0000314	0.0000170	0.0000296	0.0000164	0.0000234	**0.000202 B**	**0.0000304**
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
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
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**
PQA																				
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**
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**
PQA																				
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**
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**
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**
PQA																				
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**	**0.000197**	0.0000120	0.00000410	0.0000116	0.00000212	0.00000227	0.0000136	0.0000108	0.00000396	**0.00163**	0.0000157	**0.0000252**	0.0000148	**0.00112**	0.0000117	**0.000329 B**	**0.000480**
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**	0.0000270	0.0000169	0.0000158	0.0000180	0.0000169	0.0000917	0.0000687
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
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**
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**
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
PQA																				
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**
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**
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**
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**
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**
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**

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Monitoring Well ID	Sample Date		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
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	
PQA																				
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**
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**
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**
PQA																				
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**
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**
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**
PQA																				
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**
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**
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**

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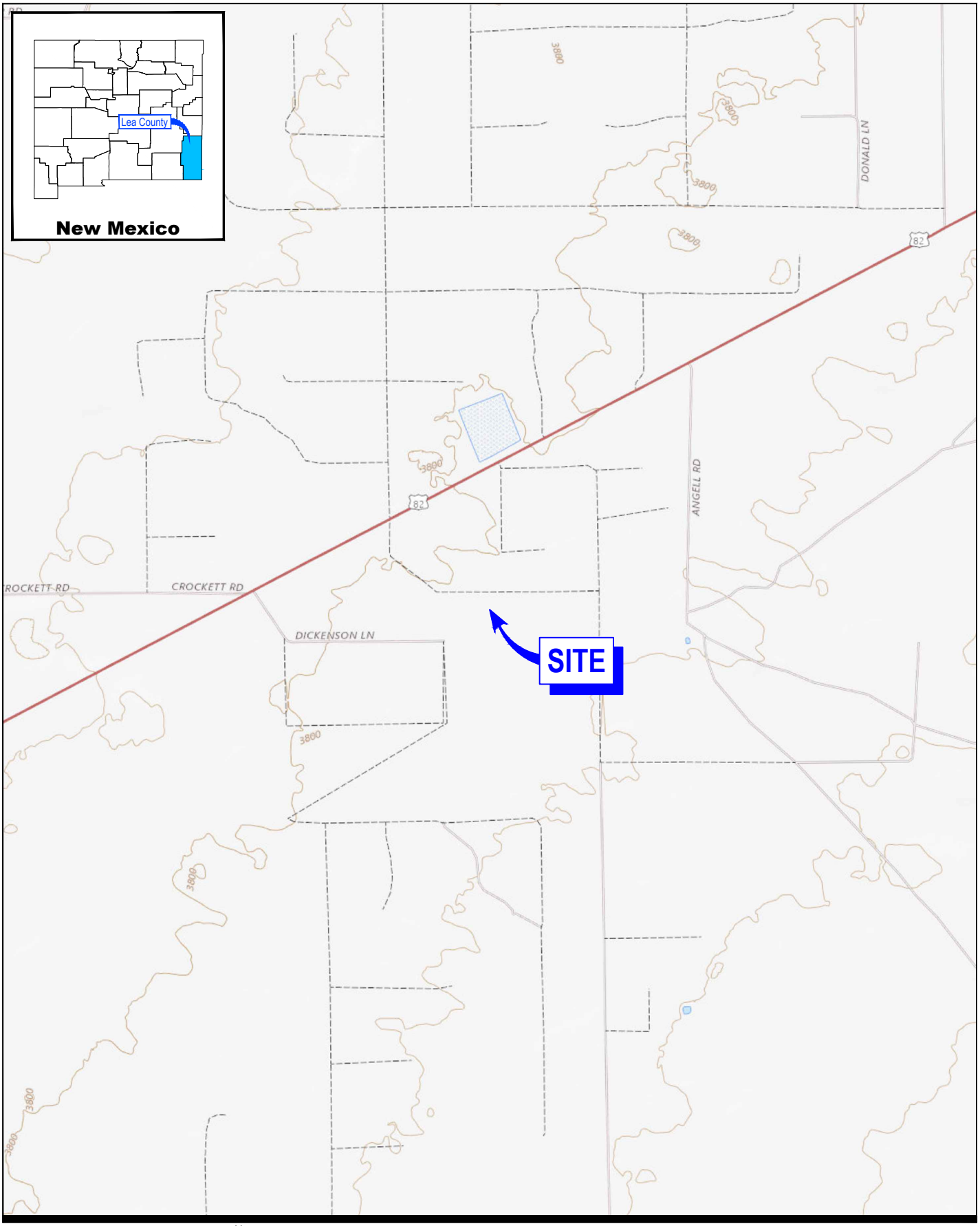
Monitoring Well ID	Sample Date		Anthracene	Acenaphthene	Acenaphthylene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Pyrene	Phenanthrene	Naphthalene	1-Methylnaphthalene
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**
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
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
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
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**
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
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
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
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

Notes:
1. Sample results listed prior to March 2011 were collected and reported by NOA.
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. ellow shaded cells indicate results exceeding NMWCC Human Health Standards.
6. Green shaded cells indicate results meeting NMWCC 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 uantitation Limit
9. NMWCC 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

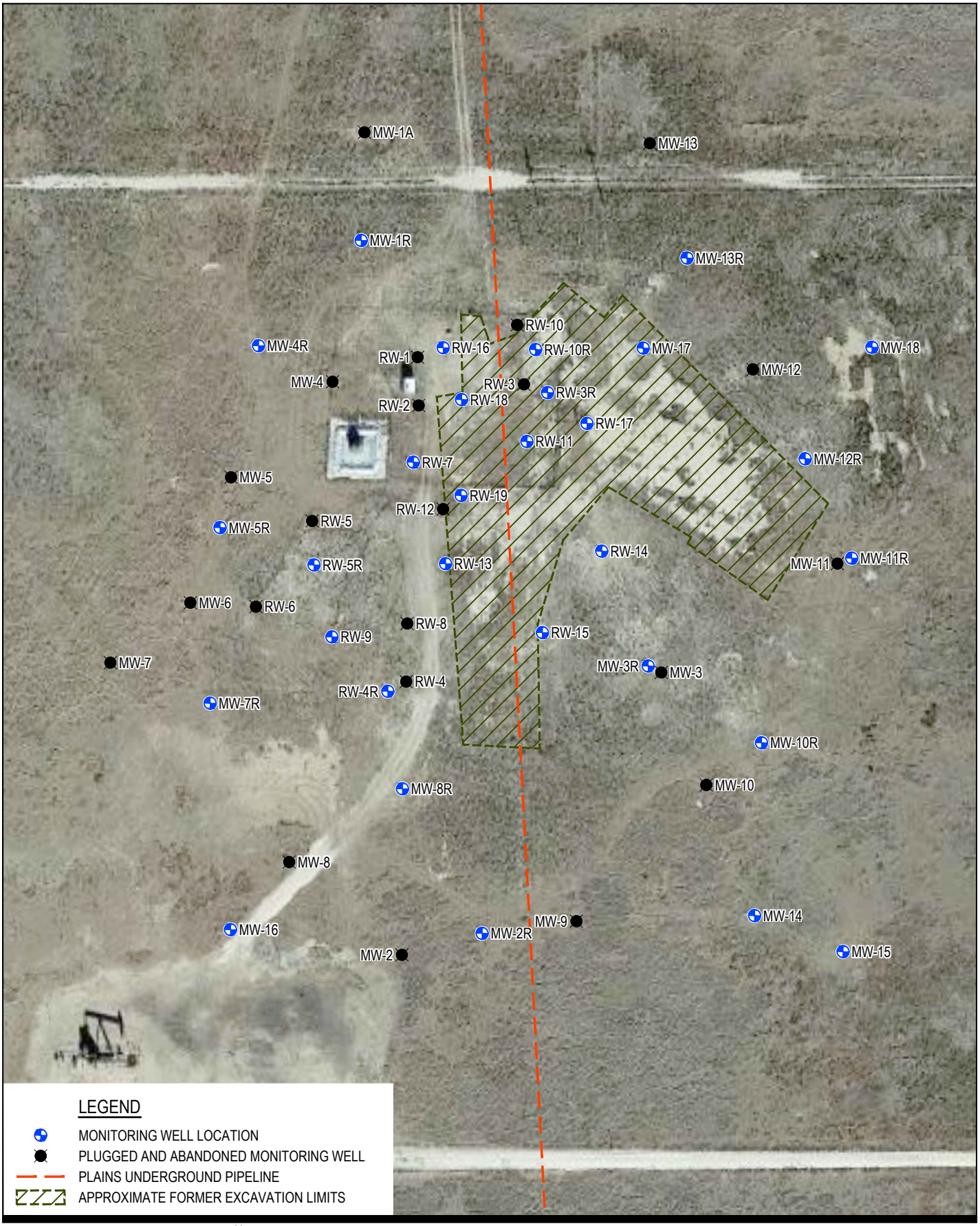
Project No. **12604524**
Date **February 2025**

SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2024\12604524 GHD 00-00 RPT EN D101_DL 2024.dwg
Plot Date: 03 February 2025 2:58 PM

Data Source: USGS 7.5 Minute Quad "Prairieview, New Mexico"
Lat/Long: 33.0384° North, 103.1677° 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 2025**

SITE DETAILS MAP

FIGURE 2

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2024\12604524 GHD 00-00 RPT EN D101_DL 2024.dwg
Plot Date: 03 February 2025 2:52 PM

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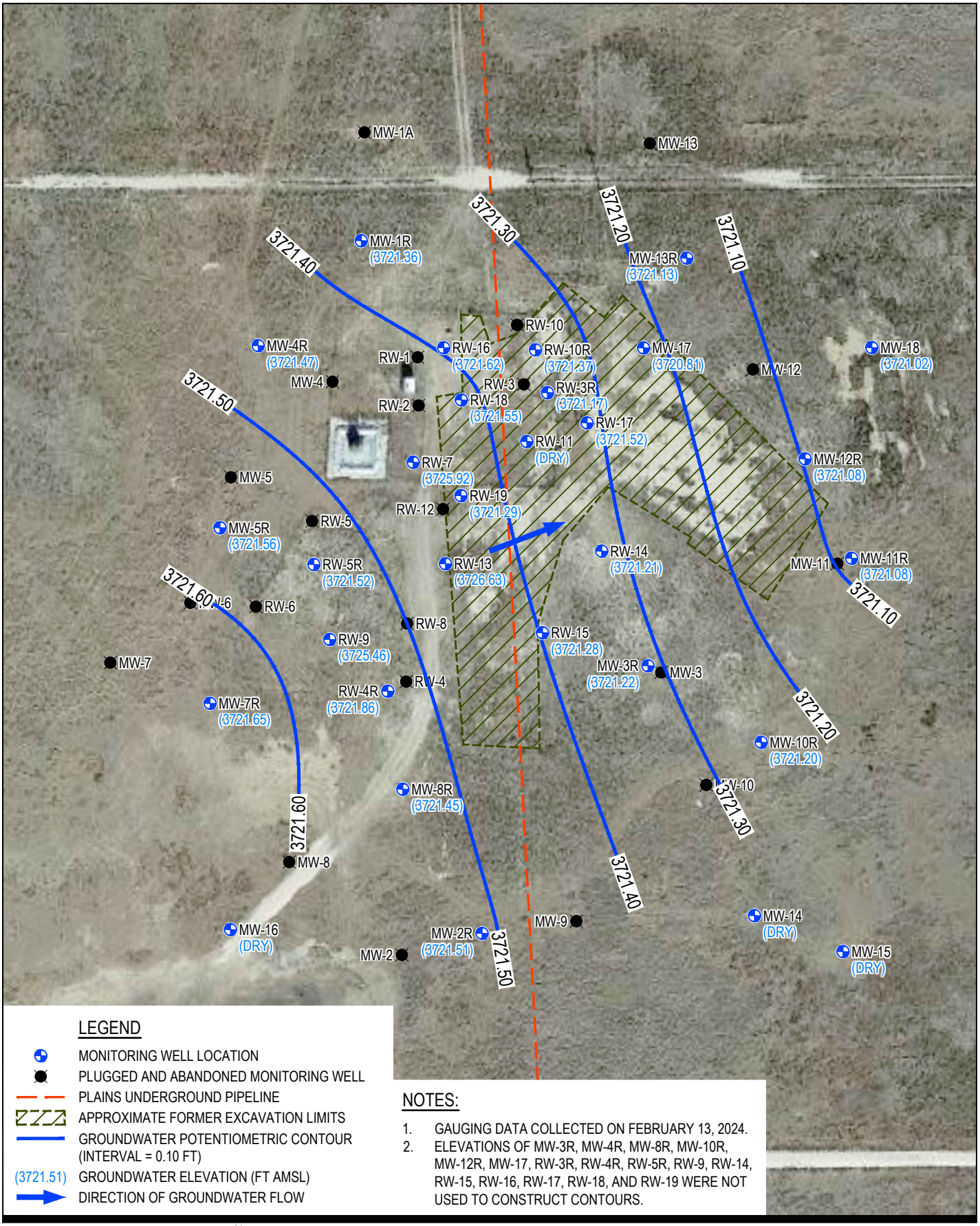

LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- PLAINS UNDERGROUND PIPELINE
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.10 FT)
- (3721.51) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTES:

1. GAUGING DATA COLLECTED ON FEBRUARY 13, 2024.
2. ELEVATIONS OF MW-3R, MW-4R, MW-8R, MW-10R, MW-12R, MW-17, RW-3R, RW-4R, RW-5R, RW-9, RW-14, RW-15, RW-16, RW-17, RW-18, AND RW-19 WERE NOT USED TO CONSTRUCT CONTOURS.

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 2024)

Project No. **12604524**
Date **February 2025**

FIGURE 3

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2024\12604524 GHD 00-00 RPT EN D101_DL 2024.dwg
Plot Date: 04 February 2025 10:00 AM

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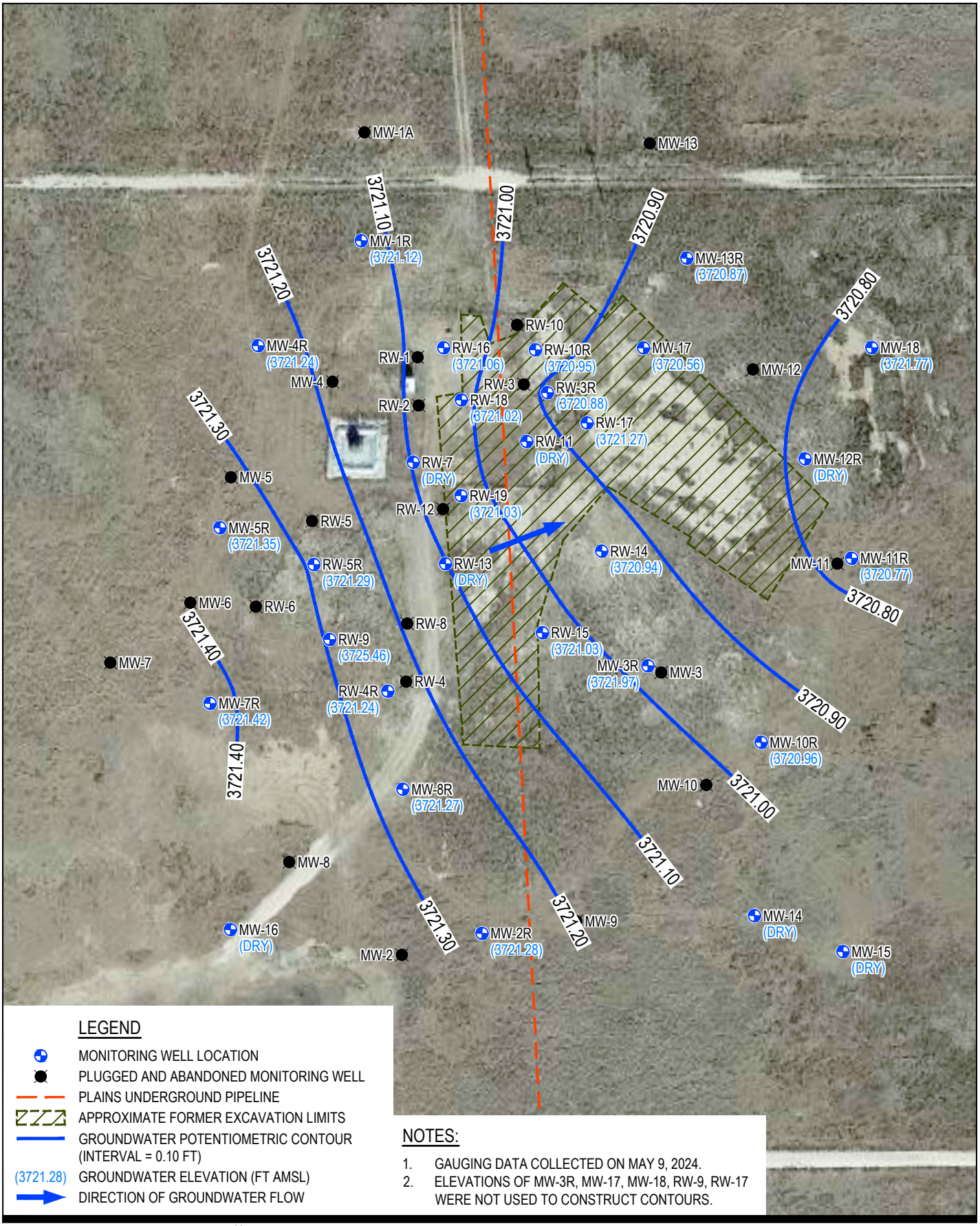

LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- PLAINS UNDERGROUND PIPELINE
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.10 FT)
- (3721.28) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTES:

1. GAUGING DATA COLLECTED ON MAY 9, 2024.
2. ELEVATIONS OF MW-3R, MW-17, MW-18, RW-9, RW-17 WERE NOT USED TO CONSTRUCT CONTOURS.

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 2024)

Project No. **12604524**
Date **February 2025**

FIGURE 4

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2024\12604524 GHD 00-00 RPT EN D102_DL 2024.dwg
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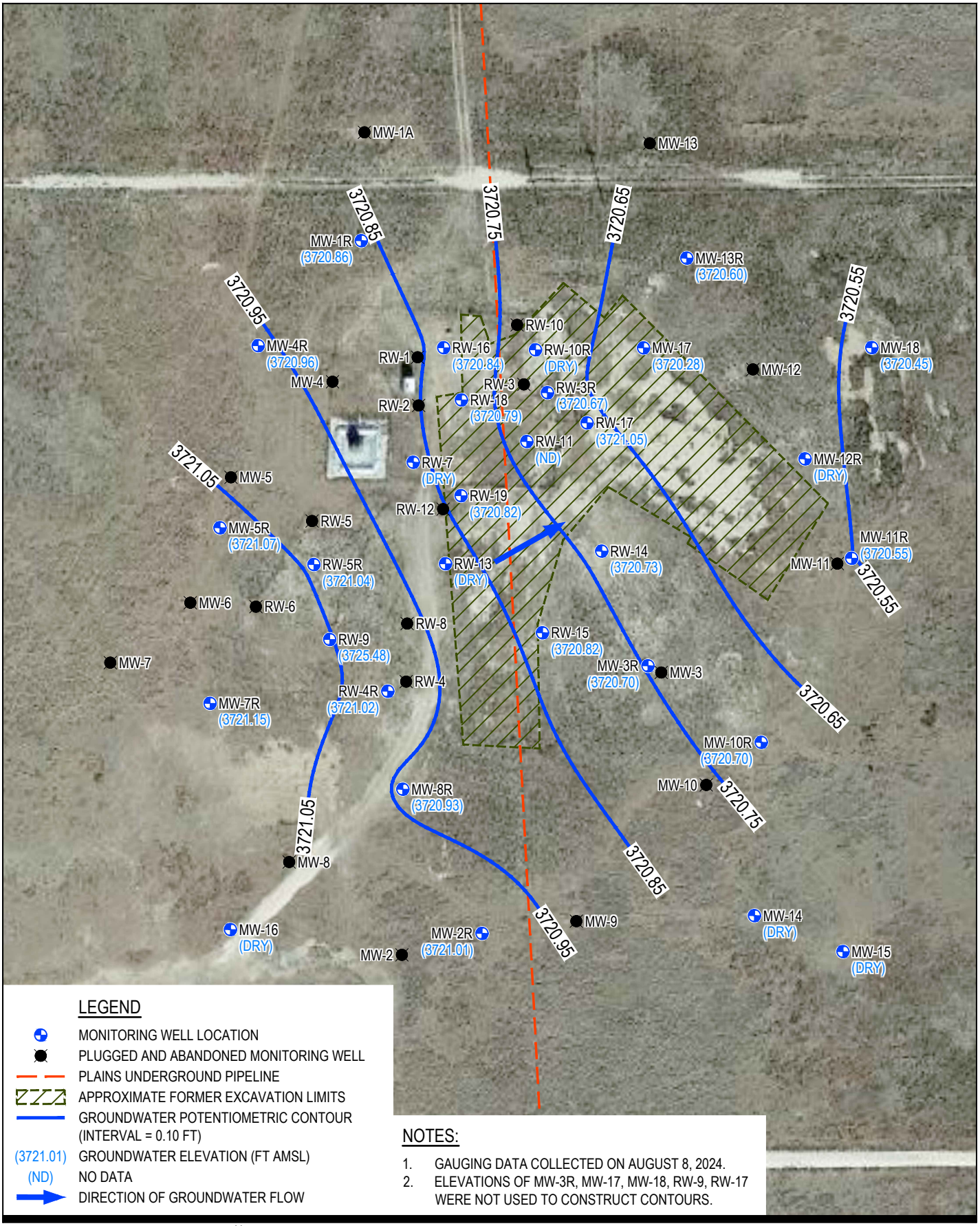

LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- PLAINS UNDERGROUND PIPELINE
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.10 FT)
- (3721.01) GROUNDWATER ELEVATION (FT AMSL)
- (ND) NO DATA
- DIRECTION OF GROUNDWATER FLOW

NOTES:

1. GAUGING DATA COLLECTED ON AUGUST 8, 2024.
2. ELEVATIONS OF MW-3R, MW-17, MW-18, RW-9, RW-17 WERE NOT USED TO CONSTRUCT CONTOURS.

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 2024)

Project No. **12604524**
Date **February 2025**

FIGURE 5

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2024\12604524 GHD 00-00 RPT EN D103_DL 2024.dwg
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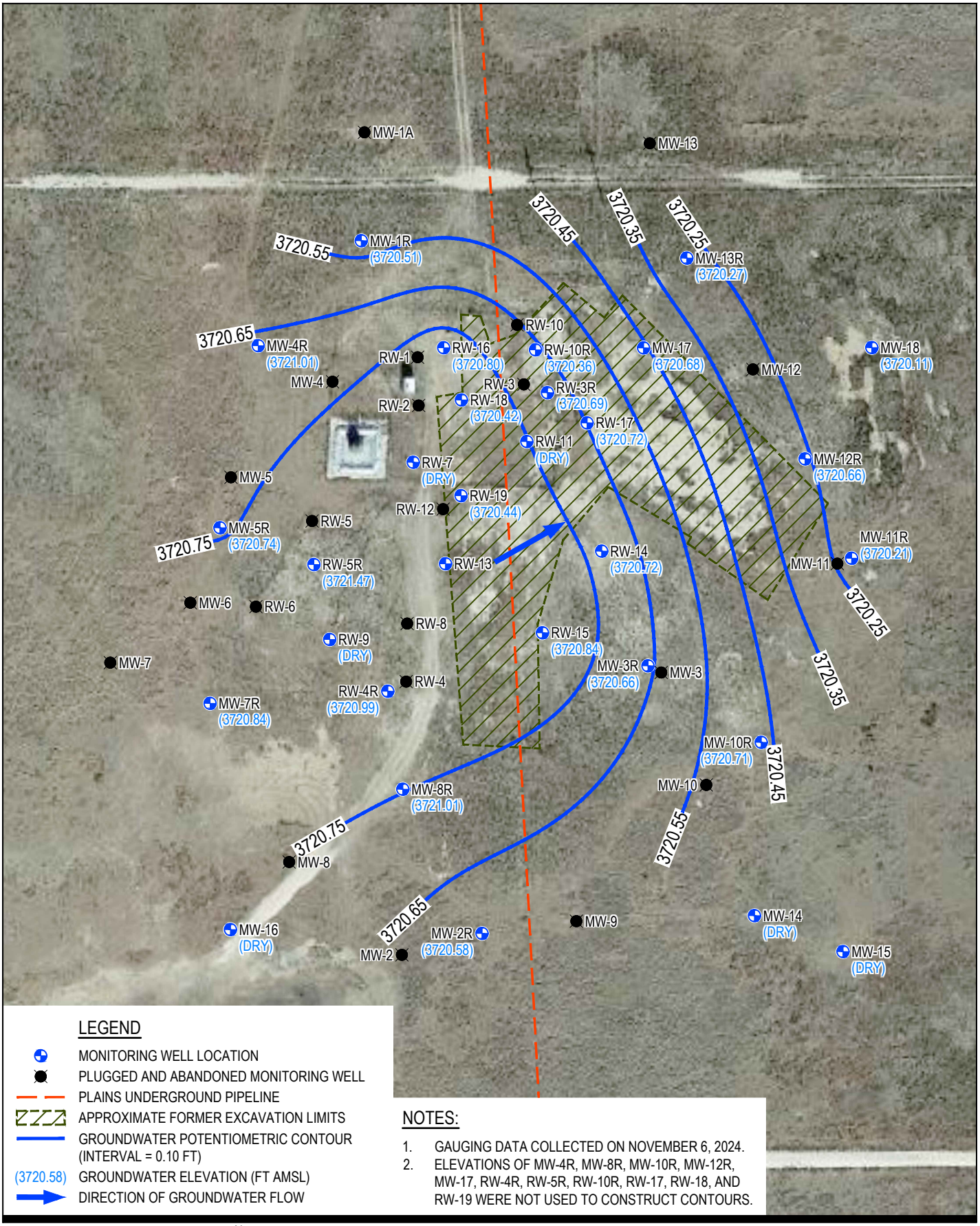
Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0384° North, 103.1677° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- PLAINS UNDERGROUND PIPELINE
- APPROXIMATE FORMER EXCAVATION LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.10 FT)
- (3720.58) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTES:

1. GAUGING DATA COLLECTED ON NOVEMBER 6, 2024.
2. ELEVATIONS OF MW-4R, MW-8R, MW-10R, MW-12R, MW-17, RW-4R, RW-5R, RW-10R, RW-17, RW-18, AND RW-19 WERE NOT USED TO CONSTRUCT CONTOURS.

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 2024)

Project No. **12604524**
Date **February 2025**

FIGURE 6

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2024\12604524 GHD 00-00 RPT EN D104_DL 2024.dwg
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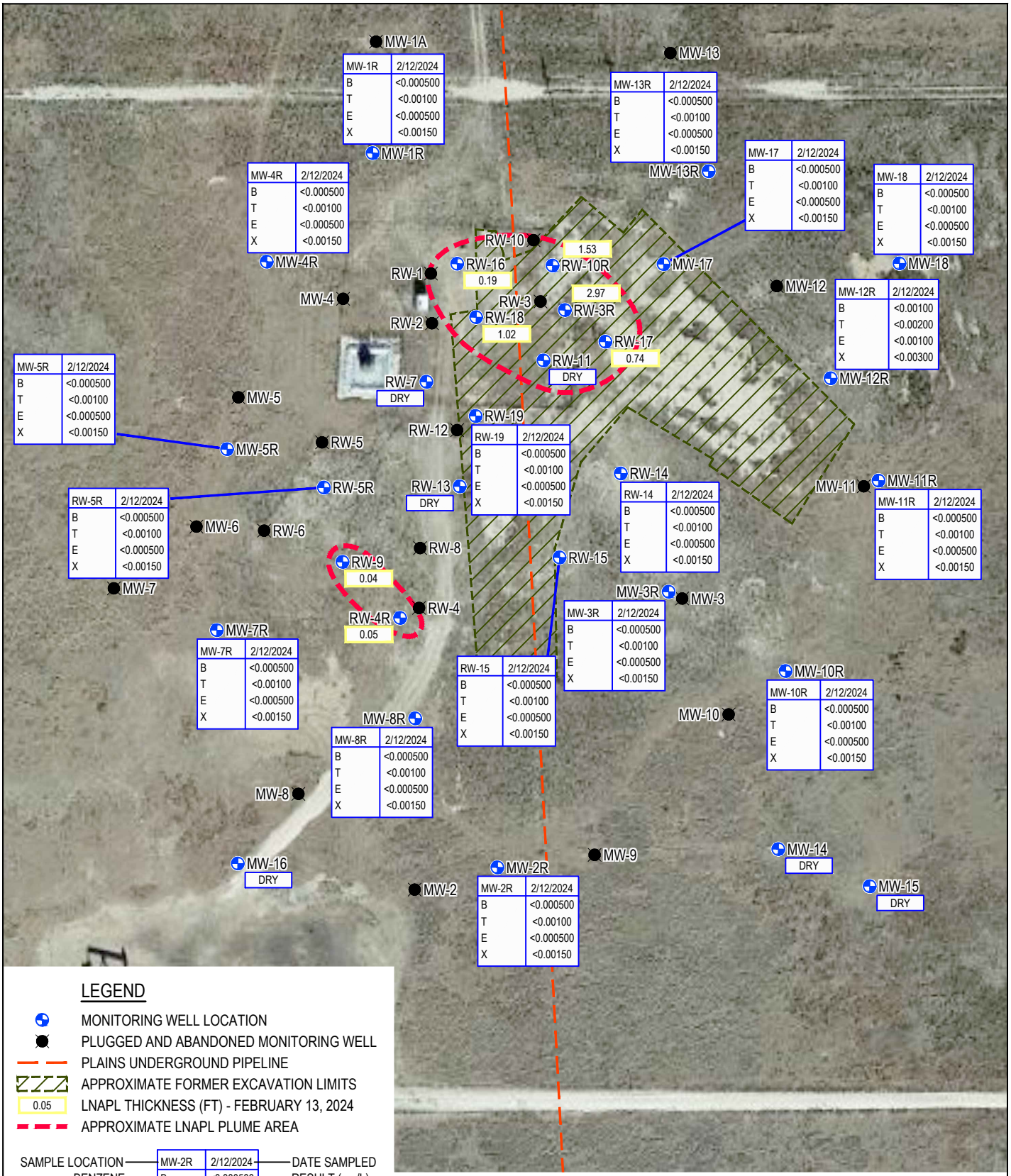

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #4
NMOCD AP-007

COC CONCENTRATIONS IN GROUNDWATER (FEBRUARY 2024)

Project No. **12604524**
Date **February 2025**

FIGURE 7

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2024\12604524 GHD 00-00 RPT EN D101_DL 2024.dwg
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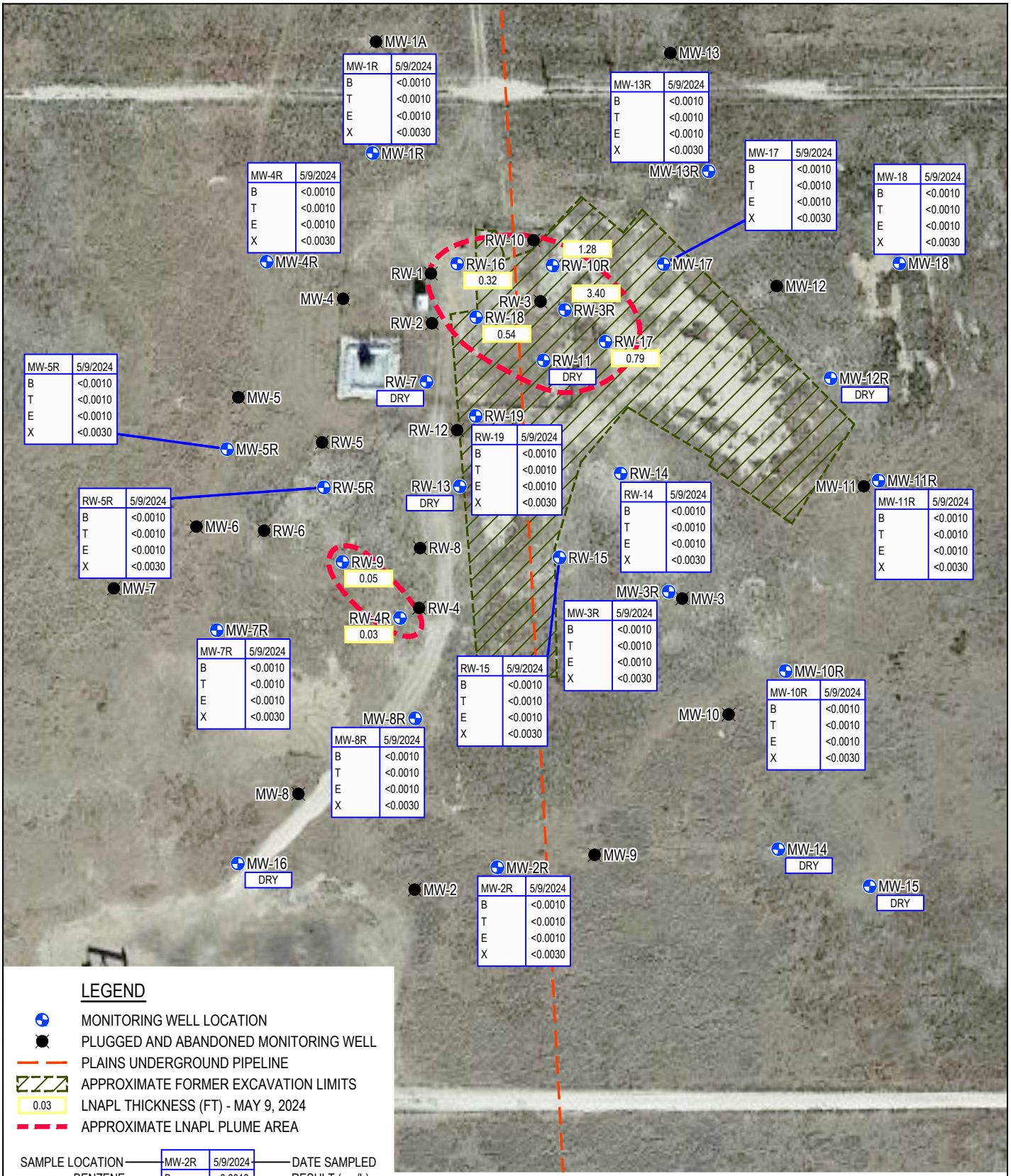
Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0384° North, 103.1677° West



NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON MAY 9, 2024.
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 (MAY 2024)

Project No. **12604524**
Date **February 2025**

FIGURE 8

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2024\12604524 GHD 00-00 RPT EN D102_DL 2024.dwg
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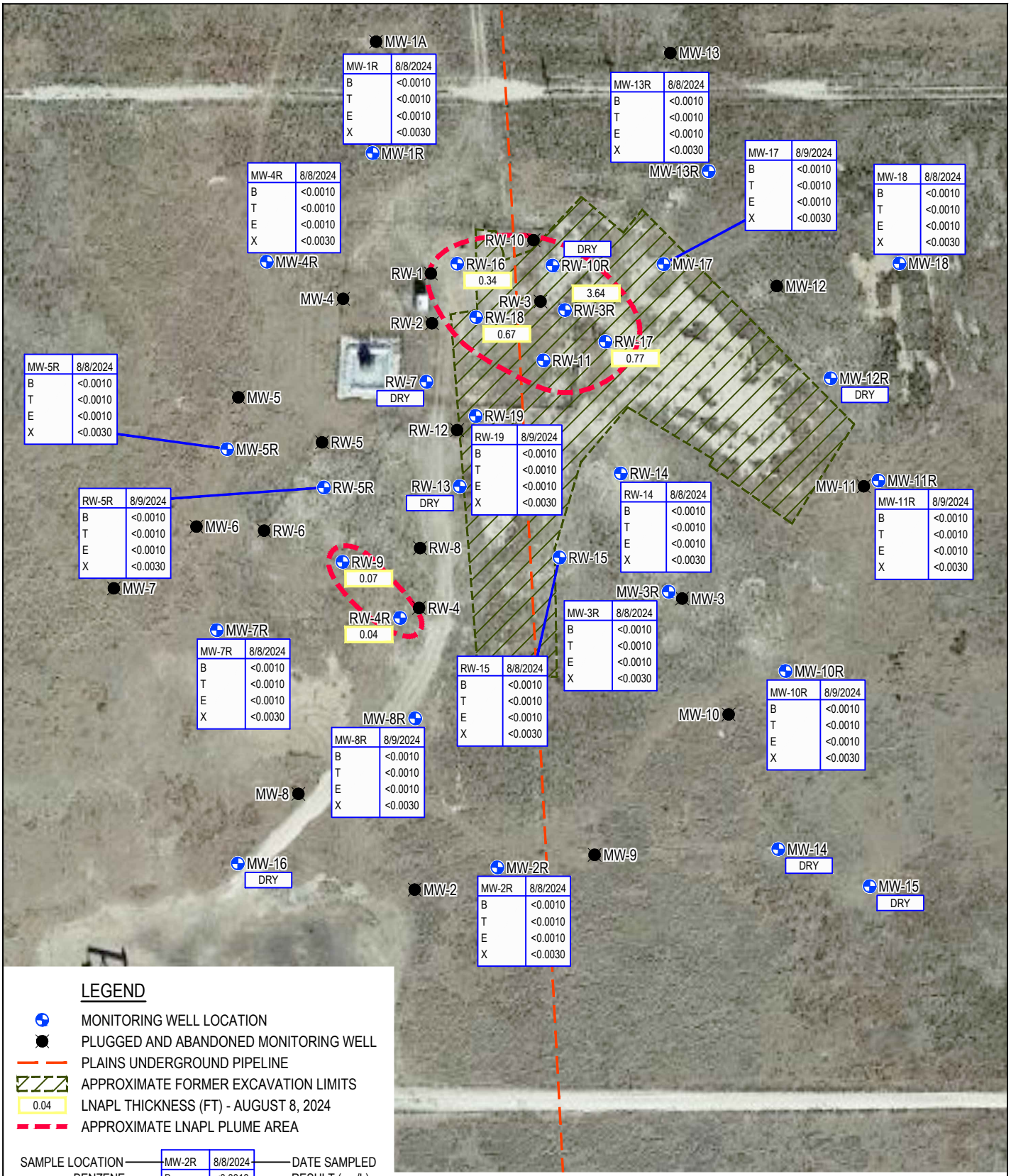

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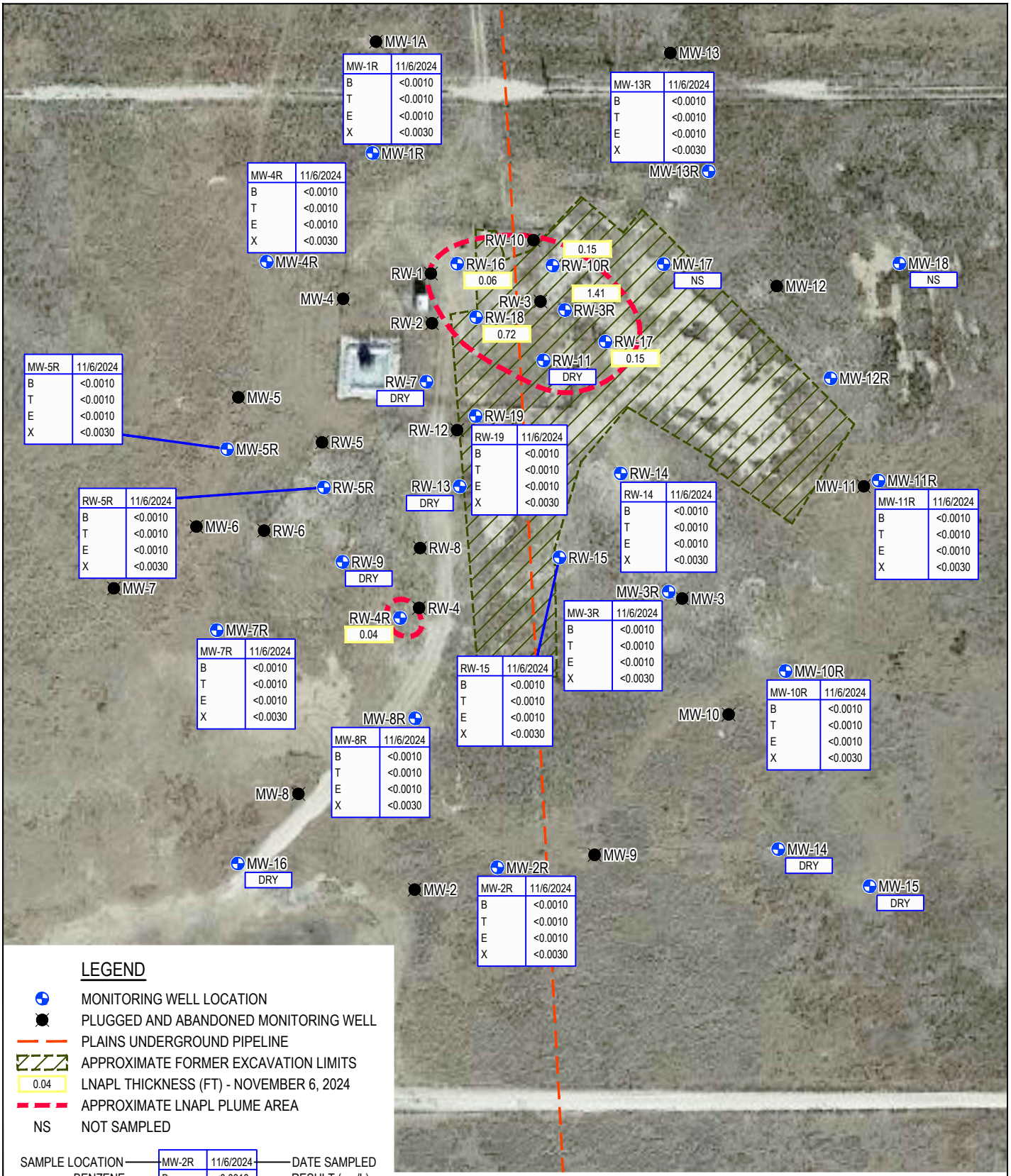


PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DARR ANGELL #4
NMOCD AP-007

COC CONCENTRATIONS IN GROUNDWATER (NOVEMBER 2024)

Project No. **12604524**
Date **February 2025**

FIGURE 10

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604524\Digital_Design\ACAD\Figures\GWR 2024\12604524 GHD 00-00 RPT EN D104_DL 2024.dwg
Plot Date: 03 February 2025 2:48 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0384° North, 103.1677° West

Appendices

Appendix A

Release Notification and Corrective Action, Form C-141

...1 South First
Artesia, NM 88210
...ictrict III - (505) 334-6178
...000 Rio Brazos Road
...tec, 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: SOTT Energy Pipeline	Contact: Lennah FROST
Address: PO Box 1660	Telephone No.: 915/6843467
Facility Name:	Facility Type: Pipeline

Surface Owner	Mineral Owner	Lease No.
State of New Mexico		

LOCATION OF RELEASE

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

NATURE OF RELEASE

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

If a Watercourse was Impacted, Describe Fully. (Attach Additional Sheets If Necessary)

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

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

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

Signature: Lennah Frost	**OIL CONSERVATION DIVISION**
Printed Name: Lennah Frost	Approved by District Supervisor:
Title: Sr. ENV. ENG	Approval Date: / Expiration Date:
Date: 7-20-99 Phone: 915/6843467	Conditions of Approval: / Attached ☐

Appendix B

Certified Laboratory Analytical Reports

Pace Analytical®

ANALYTICAL REPORT

February 26, 2024

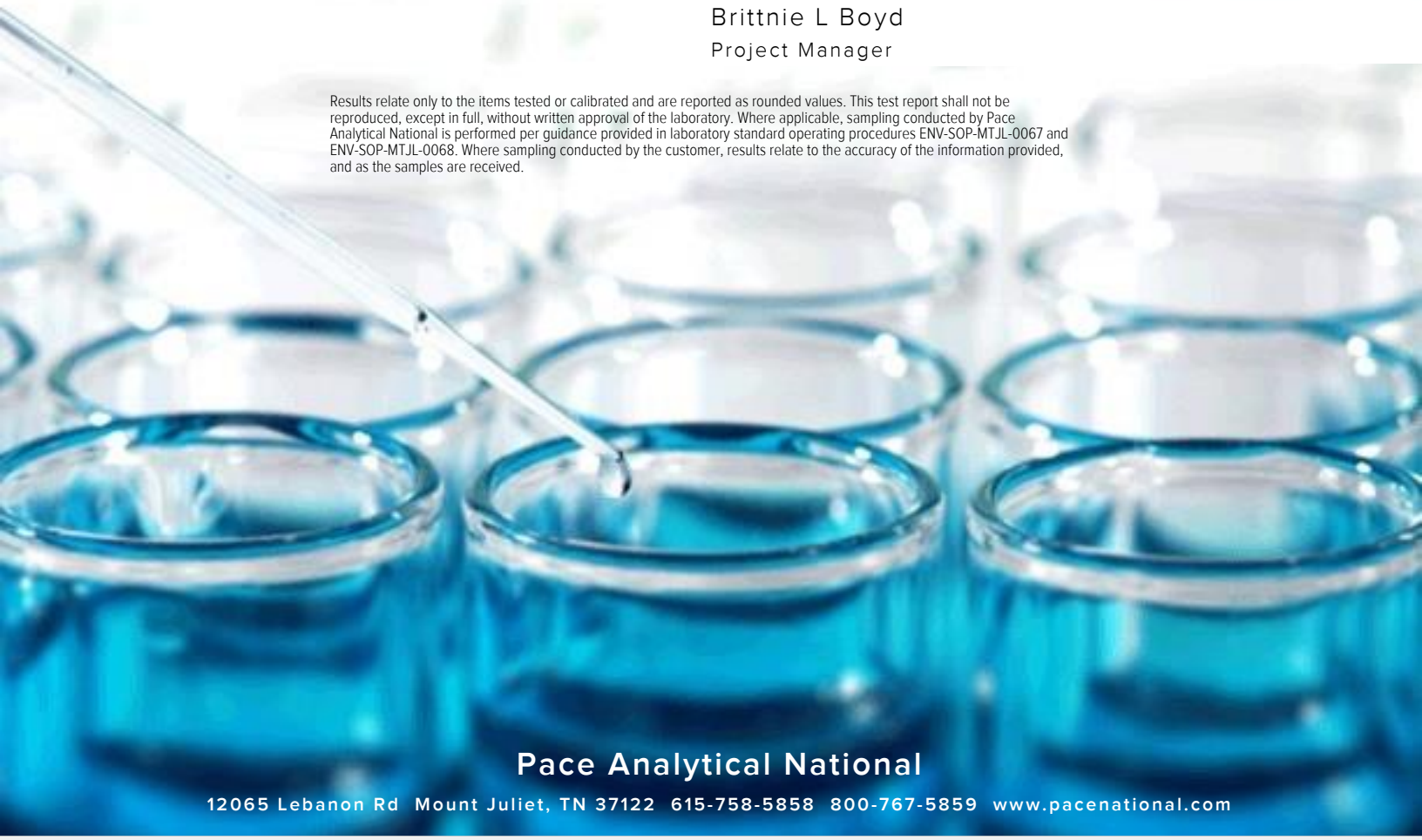
Plains All American, LP - GHD

Sample Delivery Group:	L1707095
Samples Received:	02/17/2024
Project Number:	SRS #2001-10876
Description:	Darr Angell No.4
Site:	SRS #2001-10876
Report To:	Adrianna Copeland 2135 S Loop 250 W Midland, TX 79703

Entire Report Reviewed By:

Brittnie L Boyd
Project Manager

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



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

TABLE OF CONTENTS

D4-MW-8R-021224 L1707095-01 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 10:15 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231513	1	02/22/24 16:49	02/22/24 16:49	CDD	Mt. Juliet, TN

D4-MW-10R-021224 L1707095-02 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 10:35 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231513	1	02/22/24 17:11	02/22/24 17:11	CDD	Mt. Juliet, TN

D4-MW-7R-021224 L1707095-03 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 10:20 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231513	1	02/22/24 17:34	02/22/24 17:34	CDD	Mt. Juliet, TN

D4-MW-11R-021224 L1707095-04 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 10:50 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231513	1	02/22/24 17:57	02/22/24 17:57	CDD	Mt. Juliet, TN

D4-MW-12R-021224 L1707095-05 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 11:15 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231513	2	02/22/24 18:19	02/22/24 18:19	CDD	Mt. Juliet, TN

D4-MW-5R-021224 L1707095-06 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 11:00 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231513	1	02/22/24 18:42	02/22/24 18:42	CDD	Mt. Juliet, TN

D4-RW-5R-021224 L1707095-07 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 10:40 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231513	1	02/22/24 19:05	02/22/24 19:05	CDD	Mt. Juliet, TN

D4-MW-4R-021224 L1707095-08 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 11:30 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231513	1	02/22/24 19:27	02/22/24 19:27	CDD	Mt. Juliet, TN

D4-MW-1R-021224 L1707095-09 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 12:00 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231513	1	02/22/24 19:51	02/22/24 19:51	CDD	Mt. Juliet, TN

D4-RW-14-021224 L1707095-10 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 12:30 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231515	1	02/23/24 01:33	02/23/24 01:33	CDD	Mt. Juliet, TN

D4-RW-15-021224 L1707095-11 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 13:00 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231515	1	02/23/24 01:55	02/23/24 01:55	CDD	Mt. Juliet, TN

D4-MW-3R-021224 L1707095-12 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 13:30 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231515	1	02/23/24 02:18	02/23/24 02:18	CDD	Mt. Juliet, TN

D4-MW-18-021224 L1707095-13 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 13:20 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231515	1	02/23/24 02:41	02/23/24 02:41	CDD	Mt. Juliet, TN

D4-MW-2R-021224 L1707095-14 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 14:00 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231515	1	02/23/24 03:04	02/23/24 03:04	CDD	Mt. Juliet, TN

D4-RW-19-021224 L1707095-15 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 14:30 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231515	1	02/23/24 03:27	02/23/24 03:27	CDD	Mt. Juliet, TN

D4-MW-13R-021224 L1707095-16 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 15:30 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231515	1	02/23/24 03:49	02/23/24 03:49	CDD	Mt. Juliet, TN

D4-MW-17-021224 L1707095-17 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 16:15 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231515	1	02/23/24 04:12	02/23/24 04:12	CDD	Mt. Juliet, TN

D4-DUP1-021224 L1707095-18 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 00:00 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231515	1	02/23/24 04:35	02/23/24 04:35	CDD	Mt. Juliet, TN

D4-DUP2-021224 L1707095-19 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 00:00 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231515	1	02/23/24 04:58	02/23/24 04:58	CDD	Mt. Juliet, TN

TRIP BLANK L1707095-20 GW

Collected by: Hector Orosco | Collected date/time: 02/12/24 00:00 | Received date/time: 02/17/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8021B	WG2231515	1	02/22/24 22:53	02/22/24 22:53	CDD	Mt. Juliet, TN

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

Brittnie L Boyd
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1707095-01	D4-MW-8R-021224	8021B

D4-MW-8R-021224
Collected date/time: 02/12/24 10:15
L1707095

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	02/22/2024 16:49	WG2231513
Toluene	ND		0.00100	1	02/22/2024 16:49	WG2231513
Ethylbenzene	ND		0.000500	1	02/22/2024 16:49	WG2231513
Total Xylene	ND		0.00150	1	02/22/2024 16:49	WG2231513
(S) a,a,a-Trifluorotoluene(PID)	*103*		*79.0-125*		*02/22/2024 16:49*	WG2231513

D4-MW-10R-021224
Collected date/time: 02/12/24 10:35
L1707095

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	02/22/2024 17:11	WG2231513
Toluene	ND		0.00100	1	02/22/2024 17:11	WG2231513
Ethylbenzene	ND		0.000500	1	02/22/2024 17:11	WG2231513
Total Xylene	ND		0.00150	1	02/22/2024 17:11	WG2231513
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/22/2024 17:11*	WG2231513

SAMPLE RESULTS - 03

D4-MW-7R-021224
Collected date/time: 02/12/24 10:20
L1707095

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	02/22/2024 17:34	WG2231513
Toluene	ND		0.00100	1	02/22/2024 17:34	WG2231513
Ethylbenzene	ND		0.000500	1	02/22/2024 17:34	WG2231513
Total Xylene	ND		0.00150	1	02/22/2024 17:34	WG2231513
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/22/2024 17:34*	WG2231513

D4-MW-TR-021224
Collected date/time: 02/12/24 10:50
L1707095

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	02/22/2024 17:57	WG2231513
Toluene	ND		0.00100	1	02/22/2024 17:57	WG2231513
Ethylbenzene	ND		0.000500	1	02/22/2024 17:57	WG2231513
Total Xylene	ND		0.00150	1	02/22/2024 17:57	WG2231513
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/22/2024 17:57*	WG2231513

SAMPLE RESULTS - 05

D4-MW-12R-021224
Collected date/time: 02/12/24 11:15
L1707095

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	2	02/22/2024 18:19	WG2231513
Toluene	ND		0.00200	2	02/22/2024 18:19	WG2231513
Ethylbenzene	ND		0.00100	2	02/22/2024 18:19	WG2231513
Total Xylene	ND		0.00300	2	02/22/2024 18:19	WG2231513
(S) a,a,a-Trifluorotoluene(PID)	*103*		*79.0-125*		*02/22/2024 18:19*	WG2231513

Sample Narrative:

L1707095-05 WG2231513: Dilution due to sediment.

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

D4-MW-3R-021224
Collected date/time: 02/12/24 11:00
L1707095

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	02/22/2024 18:42	WG2231513
Toluene	ND		0.00100	1	02/22/2024 18:42	WG2231513
Ethylbenzene	ND		0.000500	1	02/22/2024 18:42	WG2231513
Total Xylene	ND		0.00150	1	02/22/2024 18:42	WG2231513
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/22/2024 18:42*	WG2231513

D4-RW-5R-021224

SAMPLE RESULTS - 07

Collected date/time: 02/12/24 10:40

L1707095

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	02/22/2024 19:05	WG2231513
Toluene	ND		0.00100	1	02/22/2024 19:05	WG2231513
Ethylbenzene	ND		0.000500	1	02/22/2024 19:05	WG2231513
Total Xylene	ND		0.00150	1	02/22/2024 19:05	WG2231513
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/22/2024 19:05*	WG2231513

D4-MW-4R-021224
Collected date/time: 02/12/24 11:30
L1707095

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	02/22/2024 19:27	WG2231513
Toluene	ND		0.00100	1	02/22/2024 19:27	WG2231513
Ethylbenzene	ND		0.000500	1	02/22/2024 19:27	WG2231513
Total Xylene	ND		0.00150	1	02/22/2024 19:27	WG2231513
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/22/2024 19:27*	WG2231513

D4-MW-IR-021224
Collected date/time: 02/12/24 12:00
L1707095

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	02/22/2024 19:51	WG2231513
Toluene	ND		0.00100	1	02/22/2024 19:51	WG2231513
Ethylbenzene	ND		0.000500	1	02/22/2024 19:51	WG2231513
Total Xylene	ND		0.00150	1	02/22/2024 19:51	WG2231513
(S) a,a,a-Trifluorotoluene(PID)	*105*		*79.0-125*		*02/22/2024 19:51*	WG2231513

D4-RW-14-021224

SAMPLE RESULTS - 10

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

L1707095

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	02/23/2024 01:33	WG2231515
Toluene	ND		0.00100	1	02/23/2024 01:33	WG2231515
Ethylbenzene	ND		0.000500	1	02/23/2024 01:33	WG2231515
Total Xylene	ND		0.00150	1	02/23/2024 01:33	WG2231515
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 01:33*	WG2231515

D4-RW-13-021224
Collected date/time: 02/12/24 13:00

SAMPLE RESULTS - 11

L1707095

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	02/23/2024 01:55	WG2231515
Toluene	ND		0.00100	1	02/23/2024 01:55	WG2231515
Ethylbenzene	ND		0.000500	1	02/23/2024 01:55	WG2231515
Total Xylene	ND		0.00150	1	02/23/2024 01:55	WG2231515
(S) a,a,a-Trifluorotoluene(PID)	*103*		*79.0-125*		*02/23/2024 01:55*	WG2231515

D4-MW-3R-021224
Collected date/time: 02/12/24 13:30
L1707095

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	02/23/2024 02:18	WG2231515
Toluene	ND		0.00100	1	02/23/2024 02:18	WG2231515
Ethylbenzene	ND		0.000500	1	02/23/2024 02:18	WG2231515
Total Xylene	ND		0.00150	1	02/23/2024 02:18	WG2231515
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 02:18*	WG2231515

D4-MW-18-021224
Collected date/time: 02/12/24 13:20
L1707095

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	02/23/2024 02:41	WG2231515
Toluene	ND		0.00100	1	02/23/2024 02:41	WG2231515
Ethylbenzene	ND		0.000500	1	02/23/2024 02:41	WG2231515
Total Xylene	ND		0.00150	1	02/23/2024 02:41	WG2231515
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 02:41*	WG2231515

D4-MW-2R-021224
Collected date/time: 02/12/24 14:00
L1707095

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	02/23/2024 03:04	WG2231515
Toluene	ND		0.00100	1	02/23/2024 03:04	WG2231515
Ethylbenzene	ND		0.000500	1	02/23/2024 03:04	WG2231515
Total Xylene	ND		0.00150	1	02/23/2024 03:04	WG2231515
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 03:04*	WG2231515

D4-RW-19-021224
Collected date/time: 02/12/24 14:30
L1707095

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	02/23/2024 03:27	WG2231515
Toluene	ND		0.00100	1	02/23/2024 03:27	WG2231515
Ethylbenzene	ND		0.000500	1	02/23/2024 03:27	WG2231515
Total Xylene	ND		0.00150	1	02/23/2024 03:27	WG2231515
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 03:27*	WG2231515

D4-MW-1SR-021224
Collected date/time: 02/12/24 15:30
L1707095

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	02/23/2024 03:49	WG2231515
Toluene	ND		0.00100	1	02/23/2024 03:49	WG2231515
Ethylbenzene	ND		0.000500	1	02/23/2024 03:49	WG2231515
Total Xylene	ND		0.00150	1	02/23/2024 03:49	WG2231515
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 03:49*	WG2231515

D4-MW-17-021224
Collected date/time: 02/12/24 16:15
L1707095

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	02/23/2024 04:12	WG2231515
Toluene	ND		0.00100	1	02/23/2024 04:12	WG2231515
Ethylbenzene	ND		0.000500	1	02/23/2024 04:12	WG2231515
Total Xylene	ND		0.00150	1	02/23/2024 04:12	WG2231515
(S) a,a,a-Trifluorotoluene(PID)	*103*		*79.0-125*		*02/23/2024 04:12*	WG2231515

D4-DUP1-021224
Collected date/time: 02/12/24 00:00
L1707095

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	02/23/2024 04:35	WG2231515
Toluene	ND		0.00100	1	02/23/2024 04:35	WG2231515
Ethylbenzene	ND		0.000500	1	02/23/2024 04:35	WG2231515
Total Xylene	ND		0.00150	1	02/23/2024 04:35	WG2231515
(S) a,a,a-Trifluorotoluene(PID)	*103*		*79.0-125*		*02/23/2024 04:35*	WG2231515

D4-DUP2-021224
Collected date/time: 02/12/24 00:00
L1707095

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	02/23/2024 04:58	WG2231515
Toluene	ND		0.00100	1	02/23/2024 04:58	WG2231515
Ethylbenzene	ND		0.000500	1	02/23/2024 04:58	WG2231515
Total Xylene	ND		0.00150	1	02/23/2024 04:58	WG2231515
(S) a,a,a-Trifluorotoluene(PID)	*105*		*79.0-125*		*02/23/2024 04:58*	WG2231515

TRIP BLANK
Collected date/time: 02/12/24 00:00
L1707095

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	02/22/2024 22:53	WG2231515
Toluene	ND		0.00100	1	02/22/2024 22:53	WG2231515
Ethylbenzene	ND		0.000500	1	02/22/2024 22:53	WG2231515
Total Xylene	ND		0.00150	1	02/22/2024 22:53	WG2231515
(S) a,a,a-Trifluorotoluene(PID)	*105*		*79.0-125*		*02/22/2024 22:53*	WG2231515

Method Blank (MB)

(MB) R4037650-4 02/22/24 12:06

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)	*104*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R4037650-3 02/22/24 11:21

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	0.0494	98.8	80.0-121	
Ethylbenzene	0.0500	0.0570	114	80.0-123	
Total Xylene	0.150	0.161	107	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*104*	*79.0-125*	

Method Blank (MB)

(MB) R4037651-4 02/22/24 22:30

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	0.000789	J	0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID)	*107*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R4037651-1 02/22/24 20:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0465	93.0	77.0-122	
Toluene	0.0500	0.0425	85.0	80.0-121	
Ethylbenzene	0.0500	0.0489	97.8	80.0-123	
Total Xylene	0.150	0.139	92.7	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*103*	*79.0-125*	

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

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

2135 S Loop 250 W
Midland, TX 79703

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

Pres Chk

Report to:
Adrianna Copeland

Email To:
adrianna.copeland@ghd.com;Christopher.Knigh

Project Description:
Darr Angell No.4

City/State Collected: Lea County NM

Please Circle: PT (MT) CT ET

Phone: **281-615-3420**

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):
Immediately Packed on Ice N ___ Y ✓

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

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

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

SDG # 170709S

H208

Acctnum: **PLAINSGHD**
Template: **T224907**
Prelogin: **P1050424**
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-8R-021224		GW		2-12-24	1015	3	✓		-01
D4-MW-10R-021224		GW		2-12-24	1035	3	✓		-02
D4-MW-7R-021224		GW		2-12-24	1020	3	✓		-03
D4-MW-11R-021224		GW		2-12-24	1050	3	✓		-04
D4-MW-12R-021224		GW		2-12-24	1115	3	✓		-05
D4-MW-5R-021224		GW		2-12-24	1100	3	✓		-06
D4-RW-5R-021224		GW		2-12-24	1040	3	✓		-07
D4-MW-4R-021224		GW		2-12-24	1130	3	✓		-08
D4-MW-1R-021224		GW		2-12-24	1200	3	✓		-09
D4-RW-14-0212-24		GW		2-12-24	1230	3	✓		-10

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 7210 2108 6321 6295

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	2-16-24	0840		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 7.4 °C 0.6 to 0.6	Bottles Received: 57
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2/17/24	Time: 900

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: **Adrianna Copeland**

Email To: **adrianna.copeland@ghd.com;Christopher.Knigh**

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

City/State Collected: Lea County NM

Please Circle: PT (MT) CT ET

Phone: **281-615-3420**

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

Lab Project # **PLAINSGHD-200110876**

SDG # L707095

Table #

Collected by (print): Hector Orasco

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: **T224907**
Prelogin: **P1050424**
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-15-021224		GW		2-12-24	1300	3	✓		-11
D4-MW-3R-021224		GW		2-12-24	1330	3	✓		-12
D4-MW-18-021224		GW		2-12-24	1320	3	✓		-13
D4-MW-2R-021224		GW		2-12-24	1400	3	✓		-14
D4-RW-19-021224		GW		2-12-24	1430	3	✓		-15
D4-MW-13R-021224		GW		2-12-24	1530	3	✓		-16
D4-MW-17-021224		GW		2-12-24	1615	3	✓		-17
D4-DUP1-021224		GW		2-12-24		3	✓		-18
D4-DUP2-021224		GW		2-12-24		3	✓		-19
Trip Blank		GW				1	✓		-20

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

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

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Relinquished by: (Signature) — Date: 2-16-24 — Time: 0840 — Received by: (Signature)

Trip Blank Received: Yes / No
HCl / MeoH
TBR
1

Relinquished by : (Signature) — Date: — Time: — Received by: (Signature)

Temp: TLAB °C Bottles Received: 57
0.6 to 0.6

If preservation required by Login: Date/Time

Relinquished by : (Signature) — Date: — Time: — Received for lab by: (Signature) (14)

Date: 2/17/24 Time: 900

Hold:

Condition: (NCF) / OK

02/17-NCF-L1707095-PLAINSGHD PM

R5

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

Members

Paul Minnich (responsible) BB Brittnie Boyd

Due on *21 February 2024 5:00 PM* for target *Done*

- [ ] Parameter(s) past holding time
- [ ] Temperature not in range
- [ ] Improper container type
- [ ] pH not in range
- [ ] Insufficient sample volume
- [ ] Sample is biphasic
- [x] Vials received with headspace
- [ ] Broken container
- [ ] Sufficient sample remains
- [ ] If broken container: Insufficient packing material around container
- [ ] If broken container: Insufficient packing material inside cooler
- [ ] If broken container: Improper handling by carrier:_____
- [ ] If broken container: Sample was frozen
- [ ] If broken container: Container lid not intact
- [ ] Client informed by Call
- [ ] Client informed by Email
- [ ] Client informed by Voicemail
- [x] Date/Time:___02/20 0936_____
- [x] PM initials:_____BB_____
- [ ] Client Contact:_____

Comments

Paul Minnich *18 February 2024 4:09 AM*

Samples MW-7R and RW-5R both have one vial each with headspace.
Sample MW-3R has two vials with headspace.

Brittnie Boyd *20 February 2024 9:36 AM*

Please use pristine vials without headspace

Matthew Shacklock *20 February 2024 1:31 PM*

Done

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

May 14, 2024

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

Work Order: **HS24050656**

Laboratory Results for: **12604524 - Darr Angell No.4**

Dear Chris Knight,

ALS Environmental received 19 sample(s) on May 10, 2024 for the analysis presented in the following report.

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

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

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

Sincerely,

Generated By: JUMOKE.LAWAL
Luis.Aguilar

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Work Order: HS24050656

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24050656-01	D4-MW-1R-05092024	Groundwater		09-May-2024 11:33	10-May-2024 11:00	☐
HS24050656-02	D4-MW-2R-05092024	Groundwater		09-May-2024 12:09	10-May-2024 11:00	☐
HS24050656-03	D4-MW-3R-05092024	Groundwater		09-May-2024 12:32	10-May-2024 11:00	☐
HS24050656-04	D4-MW-4R-05092024	Groundwater		09-May-2024 13:03	10-May-2024 11:00	☐
HS24050656-05	D4-MW-5R-05092024	Groundwater		09-May-2024 13:46	10-May-2024 11:00	☐
HS24050656-06	D4-MW-7R-05092024	Groundwater		09-May-2024 14:25	10-May-2024 11:00	☐
HS24050656-07	D4-MW-8R-05092024	Groundwater		09-May-2024 14:45	10-May-2024 11:00	☐
HS24050656-08	D4-MW-10R-05092024	Groundwater		09-May-2024 15:16	10-May-2024 11:00	☐
HS24050656-09	D4-MW-11R-05092024	Groundwater		09-May-2024 13:45	10-May-2024 11:00	☐
HS24050656-10	D4-MW-13R-05092024	Groundwater		09-May-2024 13:47	10-May-2024 11:00	☐
HS24050656-11	D4-RW-14-05092024	Groundwater		09-May-2024 13:10	10-May-2024 11:00	☐
HS24050656-12	D4-RW-15-05092024	Groundwater		09-May-2024 12:30	10-May-2024 11:00	☐
HS24050656-13	D4-RW-19-05092024	Groundwater		09-May-2024 13:48	10-May-2024 11:00	☐
HS24050656-14	D4-MW-17-05092024	Groundwater		09-May-2024 12:15	10-May-2024 11:00	☐
HS24050656-15	D4-MW-18-05092024	Groundwater		09-May-2024 11:55	10-May-2024 11:00	☐
HS24050656-16	D4-RW-5R-05092024	Groundwater		09-May-2024 11:50	10-May-2024 11:00	☐
HS24050656-17	D4-DUP1-05092024	Groundwater		09-May-2024 00:00	10-May-2024 11:00	☐
HS24050656-18	D4-DUP2-05092024	Groundwater		09-May-2024 00:00	10-May-2024 11:00	☐
HS24050656-19	Trip Blank	Water	CG-040124-628	09-May-2024 00:00	10-May-2024 11:00	☑

ALS Houston, US Date: 14-May-24

Client: GHD **CASE NARRATIVE**
Project: 12604524 - Darr Angell No.4
Work Order: HS24050656

Work Order Comments

- Login Comments: Samples D4 MW-11R-05092024,D4 RW-19-050924,D4 MW-17-050924 container labels did not state collection time/date. Lab received trip blank not listed on COC, placed on hold.

GCMS Volatiles by Method SW8260

Batch ID: R466628

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-1R-05092024
Collection Date: 09-May-2024 11:33

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-01
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	13-May-2024 22:42
Ethylbenzene	< 0.0010		0.0010	mg/L	1	13-May-2024 22:42
Toluene	< 0.0010		0.0010	mg/L	1	13-May-2024 22:42
Xylenes, Total	< 0.0030		0.0030	mg/L	1	13-May-2024 22:42
Surr: 1,2-Dichloroethane-d4	*87.4*		*70-126*	*%REC*	*1*	*13-May-2024 22:42*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*13-May-2024 22:42*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*13-May-2024 22:42*
Surr: Toluene-d8	*90.0*		*82-127*	*%REC*	*1*	*13-May-2024 22:42*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-2R-05092024
Collection Date: 09-May-2024 12:09

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	13-May-2024 23:03
Ethylbenzene	< 0.0010		0.0010	mg/L	1	13-May-2024 23:03
Toluene	< 0.0010		0.0010	mg/L	1	13-May-2024 23:03
Xylenes, Total	< 0.0030		0.0030	mg/L	1	13-May-2024 23:03
Surr: 1,2-Dichloroethane-d4	*91.7*		*70-126*	*%REC*	*1*	*13-May-2024 23:03*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*13-May-2024 23:03*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*13-May-2024 23:03*
Surr: Toluene-d8	*89.1*		*82-127*	*%REC*	*1*	*13-May-2024 23:03*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-3R-05092024
Collection Date: 09-May-2024 12:32

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	13-May-2024 23:25
Ethylbenzene	< 0.0010		0.0010	mg/L	1	13-May-2024 23:25
Toluene	< 0.0010		0.0010	mg/L	1	13-May-2024 23:25
Xylenes, Total	< 0.0030		0.0030	mg/L	1	13-May-2024 23:25
Surr: 1,2-Dichloroethane-d4	*88.7*		*70-126*	*%REC*	*1*	*13-May-2024 23:25*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*13-May-2024 23:25*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*13-May-2024 23:25*
Surr: Toluene-d8	*88.9*		*82-127*	*%REC*	*1*	*13-May-2024 23:25*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-4R-05092024
Collection Date: 09-May-2024 13:03

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	13-May-2024 23:46
Ethylbenzene	< 0.0010		0.0010	mg/L	1	13-May-2024 23:46
Toluene	< 0.0010		0.0010	mg/L	1	13-May-2024 23:46
Xylenes, Total	< 0.0030		0.0030	mg/L	1	13-May-2024 23:46
Surr: 1,2-Dichloroethane-d4	*81.9*		*70-126*	*%REC*	*1*	*13-May-2024 23:46*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*13-May-2024 23:46*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*13-May-2024 23:46*
Surr: Toluene-d8	*89.7*		*82-127*	*%REC*	*1*	*13-May-2024 23:46*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-5R-05092024
Collection Date: 09-May-2024 13:46

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 00:08
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 00:08
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 00:08
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 00:08
Surr: 1,2-Dichloroethane-d4	*92.2*		*70-126*	*%REC*	*1*	*14-May-2024 00:08*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*14-May-2024 00:08*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*14-May-2024 00:08*
Surr: Toluene-d8	*89.8*		*82-127*	*%REC*	*1*	*14-May-2024 00:08*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-7R-05092024
Collection Date: 09-May-2024 14:25

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 00:29
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 00:29
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 00:29
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 00:29
Surr: 1,2-Dichloroethane-d4	*87.6*		*70-126*	*%REC*	*1*	*14-May-2024 00:29*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*14-May-2024 00:29*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*14-May-2024 00:29*
Surr: Toluene-d8	*89.3*		*82-127*	*%REC*	*1*	*14-May-2024 00:29*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-8R-05092024
Collection Date: 09-May-2024 14:45

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 00:51
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 00:51
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 00:51
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 00:51
Surr: 1,2-Dichloroethane-d4	*89.2*		*70-126*	*%REC*	*1*	*14-May-2024 00:51*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*14-May-2024 00:51*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*14-May-2024 00:51*
Surr: Toluene-d8	*89.6*		*82-127*	*%REC*	*1*	*14-May-2024 00:51*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-10R-05092024
Collection Date: 09-May-2024 15:16

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 01:12
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 01:12
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 01:12
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 01:12
Surr: 1,2-Dichloroethane-d4	*86.9*		*70-126*	*%REC*	*1*	*14-May-2024 01:12*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*14-May-2024 01:12*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*14-May-2024 01:12*
Surr: Toluene-d8	*89.2*		*82-127*	*%REC*	*1*	*14-May-2024 01:12*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-11R-05092024
Collection Date: 09-May-2024 13:45

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 01:33
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 01:33
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 01:33
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 01:33
Surr: 1,2-Dichloroethane-d4	*83.8*		*70-126*	*%REC*	*1*	*14-May-2024 01:33*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*14-May-2024 01:33*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*14-May-2024 01:33*
Surr: Toluene-d8	*89.0*		*82-127*	*%REC*	*1*	*14-May-2024 01:33*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-13R-05092024
Collection Date: 09-May-2024 13:47

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-10
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 01:55
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 01:55
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 01:55
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 01:55
Surr: 1,2-Dichloroethane-d4	*97.6*		*70-126*	*%REC*	*1*	*14-May-2024 01:55*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*14-May-2024 01:55*
Surr: Dibromofluoromethane	*107*		*77-123*	*%REC*	*1*	*14-May-2024 01:55*
Surr: Toluene-d8	*90.0*		*82-127*	*%REC*	*1*	*14-May-2024 01:55*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-RW-14-05092024
Collection Date: 09-May-2024 13:10

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-11
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 02:16
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 02:16
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 02:16
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 02:16
Surr: 1,2-Dichloroethane-d4	*88.2*		*70-126*	*%REC*	*1*	*14-May-2024 02:16*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*14-May-2024 02:16*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*14-May-2024 02:16*
Surr: Toluene-d8	*88.8*		*82-127*	*%REC*	*1*	*14-May-2024 02:16*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-RW-15-05092024
Collection Date: 09-May-2024 12:30

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 02:38
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 02:38
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 02:38
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 02:38
Surr: 1,2-Dichloroethane-d4	*87.7*		*70-126*	*%REC*	*1*	*14-May-2024 02:38*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*14-May-2024 02:38*
Surr: Dibromofluoromethane	*104*		*77-123*	*%REC*	*1*	*14-May-2024 02:38*
Surr: Toluene-d8	*88.0*		*82-127*	*%REC*	*1*	*14-May-2024 02:38*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-RW-19-05092024
Collection Date: 09-May-2024 13:48

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-13
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 02:59
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 02:59
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 02:59
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 02:59
Surr: 1,2-Dichloroethane-d4	*87.4*		*70-126*	*%REC*	*1*	*14-May-2024 02:59*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*14-May-2024 02:59*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*14-May-2024 02:59*
Surr: Toluene-d8	*89.5*		*82-127*	*%REC*	*1*	*14-May-2024 02:59*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-17-05092024
Collection Date: 09-May-2024 12:15

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 03:21
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 03:21
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 03:21
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 03:21
Surr: 1,2-Dichloroethane-d4	*85.5*		*70-126*	*%REC*	*1*	*14-May-2024 03:21*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*14-May-2024 03:21*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*14-May-2024 03:21*
Surr: Toluene-d8	*87.5*		*82-127*	*%REC*	*1*	*14-May-2024 03:21*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-MW-18-05092024
Collection Date: 09-May-2024 11:55

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-15
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 03:42
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 03:42
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 03:42
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 03:42
Surr: 1,2-Dichloroethane-d4	*85.8*		*70-126*	*%REC*	*1*	*14-May-2024 03:42*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*14-May-2024 03:42*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*14-May-2024 03:42*
Surr: Toluene-d8	*89.1*		*82-127*	*%REC*	*1*	*14-May-2024 03:42*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-RW-5R-05092024
Collection Date: 09-May-2024 11:50

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-16
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 04:04
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 04:04
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 04:04
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 04:04
Surr: 1,2-Dichloroethane-d4	*86.7*		*70-126*	*%REC*	*1*	*14-May-2024 04:04*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*14-May-2024 04:04*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*14-May-2024 04:04*
Surr: Toluene-d8	*88.3*		*82-127*	*%REC*	*1*	*14-May-2024 04:04*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-DUP1-05092024
Collection Date: 09-May-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-17
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 04:25
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 04:25
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 04:25
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 04:25
Surr: 1,2-Dichloroethane-d4	*93.0*		*70-126*	*%REC*	*1*	*14-May-2024 04:25*
Surr: 4-Bromofluorobenzene	*101*		*77-113*	*%REC*	*1*	*14-May-2024 04:25*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*14-May-2024 04:25*
Surr: Toluene-d8	*88.3*		*82-127*	*%REC*	*1*	*14-May-2024 04:25*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
Sample ID: D4-DUP2-05092024
Collection Date: 09-May-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24050656
Lab ID:HS24050656-18
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0010		0.0010	mg/L	1	14-May-2024 04:47
Ethylbenzene	< 0.0010		0.0010	mg/L	1	14-May-2024 04:47
Toluene	< 0.0010		0.0010	mg/L	1	14-May-2024 04:47
Xylenes, Total	< 0.0030		0.0030	mg/L	1	14-May-2024 04:47
Surr: 1,2-Dichloroethane-d4	*89.2*		*70-126*	*%REC*	*1*	*14-May-2024 04:47*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*1*	*14-May-2024 04:47*
Surr: Dibromofluoromethane	*104*		*77-123*	*%REC*	*1*	*14-May-2024 04:47*
Surr: Toluene-d8	*88.7*		*82-127*	*%REC*	*1*	*14-May-2024 04:47*

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

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
WorkOrder: HS24050656

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R466628 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24050656-01	D4-MW-1R-05092024	09 May 2024 11:33			13 May 2024 22:42	1
HS24050656-02	D4-MW-2R-05092024	09 May 2024 12:09			13 May 2024 23:03	1
HS24050656-03	D4-MW-3R-05092024	09 May 2024 12:32			13 May 2024 23:25	1
HS24050656-04	D4-MW-4R-05092024	09 May 2024 13:03			13 May 2024 23:46	1
HS24050656-05	D4-MW-5R-05092024	09 May 2024 13:46			14 May 2024 00:08	1
HS24050656-06	D4-MW-7R-05092024	09 May 2024 14:25			14 May 2024 00:29	1
HS24050656-07	D4-MW-8R-05092024	09 May 2024 14:45			14 May 2024 00:51	1
HS24050656-08	D4-MW-10R-05092024	09 May 2024 15:16			14 May 2024 01:12	1
HS24050656-09	D4-MW-11R-05092024	09 May 2024 13:45			14 May 2024 01:33	1
HS24050656-10	D4-MW-13R-05092024	09 May 2024 13:47			14 May 2024 01:55	1
HS24050656-11	D4-RW-14-05092024	09 May 2024 13:10			14 May 2024 02:16	1
HS24050656-12	D4-RW-15-05092024	09 May 2024 12:30			14 May 2024 02:38	1
HS24050656-13	D4-RW-19-05092024	09 May 2024 13:48			14 May 2024 02:59	1
HS24050656-14	D4-MW-17-05092024	09 May 2024 12:15			14 May 2024 03:21	1
HS24050656-15	D4-MW-18-05092024	09 May 2024 11:55			14 May 2024 03:42	1
HS24050656-16	D4-RW-5R-05092024	09 May 2024 11:50			14 May 2024 04:04	1
HS24050656-17	D4-DUP1-05092024	09 May 2024 00:00			14 May 2024 04:25	1
HS24050656-18	D4-DUP2-05092024	09 May 2024 00:00			14 May 2024 04:47	1

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
WorkOrder: HS24050656

QC BATCH REPORT

Batch ID: R466628 (0) **Instrument: VOA6** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-240513** Units: **ug/L** Analysis Date: **13-May-2024 22:20**
Client ID: Run ID: **VOA6_466628** SeqNo: **8007619** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	< 1.0	1.0								
Ethylbenzene	< 1.0	1.0								
Toluene	< 1.0	1.0								
Xylenes, Total	< 3.0	3.0								
Surr: 1,2-Dichloroethane-d4	*45.57*	*1.0*	*50*	*0*	*91.1*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52.71*	*1.0*	*50*	*0*	*105*	*77 - 113*				
Surr: Dibromofluoromethane	*51.97*	*1.0*	*50*	*0*	*104*	*73 - 126*				
Surr: Toluene-d8	*44.73*	*1.0*	*50*	*0*	*89.5*	*81 - 120*				

LCS Sample ID: **VLCSW-240513** Units: **ug/L** Analysis Date: **13-May-2024 21:16**
Client ID: Run ID: **VOA6_466628** SeqNo: **8007617** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	22.37	1.0	20	0	112	74 - 120				
Ethylbenzene	18.73	1.0	20	0	93.7	77 - 117				
Toluene	18.37	1.0	20	0	91.9	77 - 118				
Xylenes, Total	57.91	3.0	60	0	96.5	75 - 122				
Surr: 1,2-Dichloroethane-d4	*58.79*	*1.0*	*50*	*0*	*118*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*54.16*	*1.0*	*50*	*0*	*108*	*77 - 113*				
Surr: Dibromofluoromethane	*57.37*	*1.0*	*50*	*0*	*115*	*73 - 126*				
Surr: Toluene-d8	*44.69*	*1.0*	*50*	*0*	*89.4*	*81 - 120*				

LCSD Sample ID: **VLCSDW-240513** Units: **ug/L** Analysis Date: **13-May-2024 21:38**
Client ID: Run ID: **VOA6_466628** SeqNo: **8007618** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	22.05	1.0	20	0	110	74 - 120	22.37	1.45	20	
Ethylbenzene	18.68	1.0	20	0	93.4	77 - 117	18.73	0.271	20	
Toluene	18.23	1.0	20	0	91.1	77 - 118	18.37	0.808	20	
Xylenes, Total	57.17	3.0	60	0	95.3	75 - 122	57.91	1.3	20	
Surr: 1,2-Dichloroethane-d4	*55.92*	*1.0*	*50*	*0*	*112*	*70 - 123*	*58.79*	*5*	*20*	
Surr: 4-Bromofluorobenzene	*52.92*	*1.0*	*50*	*0*	*106*	*77 - 113*	*54.16*	*2.31*	*20*	
Surr: Dibromofluoromethane	*56.87*	*1.0*	*50*	*0*	*114*	*73 - 126*	*57.37*	*0.876*	*20*	
Surr: Toluene-d8	*44.25*	*1.0*	*50*	*0*	*88.5*	*81 - 120*	*44.69*	*0.986*	*20*	

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
WorkOrder: HS24050656

QC BATCH REPORT

Batch ID: R466628 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

MS Sample ID: **HS24050656-01MS** Units: **ug/L** Analysis Date: **14-May-2024 05:51**
Client ID: **D4-MW-1R-05092024** Run ID: **VOA6_466628** SeqNo: **8007640** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.77	1.0	20	0	109	70 - 127				
Ethylbenzene	18.65	1.0	20	0	93.3	70 - 124				
Toluene	17.98	1.0	20	0	89.9	70 - 123				
Xylenes, Total	57.59	3.0	60	0	96.0	70 - 130				
Surr: 1,2-Dichloroethane-d4	*58.96*	*1.0*	*50*	*0*	*118*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*54.97*	*1.0*	*50*	*0*	*110*	*77 - 113*				
Surr: Dibromofluoromethane	*60.39*	*1.0*	*50*	*0*	*121*	*77 - 123*				
Surr: Toluene-d8	*44.09*	*1.0*	*50*	*0*	*88.2*	*82 - 127*				

MSD Sample ID: **HS24050656-01MSD** Units: **ug/L** Analysis Date: **14-May-2024 06:12**
Client ID: **D4-MW-1R-05092024** Run ID: **VOA6_466628** SeqNo: **8007641** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	22.29	1.0	20	0	111	70 - 127	21.77	2.39	20	
Ethylbenzene	18.81	1.0	20	0	94.0	70 - 124	18.65	0.818	20	
Toluene	18.21	1.0	20	0	91.1	70 - 123	17.98	1.31	20	
Xylenes, Total	57.95	3.0	60	0	96.6	70 - 130	57.59	0.627	20	
Surr: 1,2-Dichloroethane-d4	*59.18*	*1.0*	*50*	*0*	*118*	*70 - 126*	*58.96*	*0.38*	*20*	
Surr: 4-Bromofluorobenzene	*54.1*	*1.0*	*50*	*0*	*108*	*77 - 113*	*54.97*	*1.61*	*20*	
Surr: Dibromofluoromethane	*59.28*	*1.0*	*50*	*0*	*119*	*77 - 123*	*60.39*	*1.87*	*20*	
Surr: Toluene-d8	*43.51*	*1.0*	*50*	*0*	*87.0*	*82 - 127*	*44.09*	*1.32*	*20*	

The following samples were analyzed in this batch:

HS24050656-01	HS24050656-02	HS24050656-03	HS24050656-04
HS24050656-05	HS24050656-06	HS24050656-07	HS24050656-08
HS24050656-09	HS24050656-10	HS24050656-11	HS24050656-12
HS24050656-13	HS24050656-14	HS24050656-15	HS24050656-16
HS24050656-17	HS24050656-18		

ALS Houston, US Date: 14-May-24

Client: GHD
Project: 12604524 - Darr Angell No.4
WorkOrder: **HS24050656**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

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

Unit Reported	Description
mg/L	Milligrams per Liter

ALS Houston, US Date: 14-May-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

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

ALS Houston, US Date: 14-May-24

Sample Receipt Checklist

Work Order ID: HS24050656 **Date/Time Received:** 10-May-2024 11:00
Client Name: GHDHouston **Received by:** Jacob Coronado

Completed By: /S/ Aytu Tuncer (eSignature) 10-May-2024 20:52 (Date/Time) **Reviewed by:** /S/ Luis.Aguilar (eSignature) 13-May-2024 22:31 (Date/Time)

Matrices: W Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	2 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:317839/317838
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	3.5UC/3.6C	IR31
Cooler(s)/Kit(s):	49051	
Date/Time sample(s) sent to storage:	05/10/2024 2056	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes: Login Comments: Samples D4 MW-11R-05092024,D4 RW-19-050924,D4 MW-17-050924 container labels did not state collection time/date. Lab received trip blank not listed on COC, placed on hold.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

ALS

Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Middletown, PA +1 717 944 5541
Spring City, PA +1 610 948 4903
Salt Lake City, UT +1 801 266 7700
South Charleston, WV +1 304 356 3168
York, PA +1 717 505 5280

Chain of Custody Form

Page 1 of 2

COC ID: 317839

ALS Project Manager: | ALS Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	SSOW-12604521-2023.1-2024-01	Project Name	12604524 - Darr Angell No.4	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	12604524	B	
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C	
Send Report To	Chris Knight	Invoice Attn	Karolanne Hudgens	D	
Address	11451 Katy Fwy Suite 400	Address	c/o ENV-00, Accounts Payable P.O. Box 4648	E	HS24050656
				F	GHD
City/State/Zip	Houston, TX 77079	City/State/Zip	Houston TX 77210-4648	G	12604524 - Darr Angell No.4
Phone	(713) 734-3090	Phone	(713) 646-4610	H	
Fax	(713) 734-3391	Fax	(713) 646-4199	I	
e-Mail Address	Christopher.Knight@ghd.com	e-Mail Address	Karolanne.hudgens@plains.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	D4-MW-1R-05092024	050924	11:33	GW	Ice	3	✓										
2	D4-MW-2R-05092024	050924	12:09	GW	Ice	3	✓										
3	D4-MW-3R-05092024	050924	12:32	GW	Ice	3	✓										
4	D4-MW-4R-05092024	050924	13:03	GW	Ice	3	✓										
5	D4-MW-5R-05092024	050924	13:46	GW	Ice	3	✓										
6	D4-MW-7R-05092024	050924	14:25	GW	Ice	3	✓										
7	D4-MW-8R-05092024	050924	14:45	GW	Ice	3	✓										
8	D4-MW-10R-05092024	050924	15:16	GW	Ice	3	✓										
9	D4-MW-11R-05092024	050924	13:45	GW	Ice	3	✓										
10	D4-MW-13R-05092024	050924	13:47	GW	Ice	3	✓										

Sampler(s) Please Print & Sign: Jarof [signature] Krysth F [signature]

Shipment Method:

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other ____

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes: 12604524-Darr Angell No.4		
[signature]	5-9-24	1805				
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)
	5/10/24	1180	[signature]	49051	4C 3.5	[X] Level II Std QC [ ] TRRP CheckList [ ] Level III Std QC/Raw Data [ ] TRRP Level IV [ ] Level IV SW846/CLP [ ] Other ____
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):			

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

1123

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

Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Middletown, PA +1 717 944 5541
Spring City, PA +1 610 948 4903
Salt Lake City, UT +1 801 266 7700
South Charleston, WV +1 304 356 3168
York, PA +1 717 505 5280

Chain of Custody Form

Page 2 of 2

COC ID: 317838

ALS Project Manager: | ALS Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	SSOW-12604521-2023.1-2024-01	Project Name	12604524 - Darr Angell No.4	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	12604524	B	
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C	
Send Report To	Chris Knight	Invoice Attn	Karolanne Hudgens	D	
Address	11451 Katy Fwy Suite 400	Address	c/o ENV-00, Accounts Payable P.O. Box 4648	E F	
City/State/Zip	Houston, TX 77079	City/State/Zip	Houston TX 77210-4648	G	
Phone	(713) 734-3090	Phone	(713) 646-4610	H	
Fax	(713) 734-3391	Fax	(713) 646-4199	I	
e-Mail Address	Christopher.Knight@ghd.com	e-Mail Address	Karolanne.hudgens@plains.com	J	

HS24050656
GHD
12604524 - Darr Angell No.4

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	DH-RW-14-05092024	5-9-24	13:10	GW	Ice	3	✓										
2	DH-RW-15-05092024	5-9-24	1230	GW	Ice	3	✓										
3	DH-RW-19-05092024	5-9-24	13:48	GW	Ice	3	✓										
4	~~DH-RW-17~~ DH-MW-17-05092024	5-9-24	12:15	GW	Ice	3	✓										
5	DH-MW-18-05092024	5-9-24	11:55	GW	Ice	3	✓										
6	DH-RW-5R-05092024	5-9-24	11:50	GW	Ice	3	✓										
7	DH-DUP1-05092024	5-9-24	—	GW	Ice	3	✓										
8	DH-DUP2-05092024	5-9-24	—	GW	Ice	3	✓										
9																	
10																	

Sampler(s) Please Print & Sign: Jairo F. Krystle F.

Shipment Method:

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hr [ ] Other

Results Due Date:

Relinquished by:	Date: 5-9-24	Time: 1805	Received by:	Notes: 12604524-Darr Angell No.4	
Relinquished by:	Date: 5/10/24	Time: 1100	Received by (Laboratory):	Cooler ID	Cooler Temp.
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	49051	3.5

QC Package: (Check One Box Below)
[X] Level II Std QC
[ ] Level III Std QC/Raw Data
[ ] Level IV SW846/CLP
[ ] Other
[ ] TRRP Checklist
[ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

1231

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2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Time and Tempature Sensitive!

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

ARTESIA, NM 88210
UNITED STATES US

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

TO SAMPLE RECEIVING
ALS GROUP USA,CORP
10450 STANCLIFF ROAD
SUITE 210
HOUSTON TX 77099
(281) 530-5656
REF: 12604537 - LOVINGTON = BO 100501 - 509 - LA

RMA:

FedEx Express

TRK# 0221 6862 6804 8720

RETURNS MON-SAT
PRIORITY OVERNIGHT

77099
TX-US

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

August 26, 2024

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

Work Order: **HS24080712**

Laboratory Results for: **Darr Angell No.4**

Dear Chris Knight,

ALS Environmental received 19 sample(s) on Aug 10, 2024 for the analysis presented in the following report.

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

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

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

Sincerely,

Generated By: DAYNA.FISHER
Luis.Aguilar

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Work Order: HS24080712

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24080712-01	12604S24-MW-1R-080824	Groundwater		08-Aug-2024 11:15	10-Aug-2024 09:15	☐
HS24080712-02	12604S24-MW-2R-080824	Groundwater		08-Aug-2024 11:40	10-Aug-2024 09:15	☐
HS24080712-03	12604S24-MW-3R-080824	Groundwater		08-Aug-2024 12:20	10-Aug-2024 09:15	☐
HS24080712-04	12604S24-MW-4R-080824	Groundwater		08-Aug-2024 12:55	10-Aug-2024 09:15	☐
HS24080712-05	12604S24-MW-5R-080824	Groundwater		08-Aug-2024 13:40	10-Aug-2024 09:15	☐
HS24080712-06	12604S24-MW-7R-080824	Groundwater		08-Aug-2024 14:30	10-Aug-2024 09:15	☐
HS24080712-07	12604S24-MW-13R-080824	Groundwater		08-Aug-2024 13:00	10-Aug-2024 09:15	☐
HS24080712-08	12604S24-RW-14-080824	Groundwater		08-Aug-2024 14:50	10-Aug-2024 09:15	☐
HS24080712-09	12604S24-RW-15-080824	Groundwater		08-Aug-2024 15:35	10-Aug-2024 09:15	☐
HS24080712-10	12604S24-MW-18-080824	Groundwater		08-Aug-2024 14:05	10-Aug-2024 09:15	☐
HS24080712-11	12604S24-MW-8R-080924	Groundwater		09-Aug-2024 08:15	10-Aug-2024 09:15	☐
HS24080712-12	12604S24-MW-10R-080924	Groundwater		09-Aug-2024 08:55	10-Aug-2024 09:15	☐
HS24080712-13	12604S24-MW-11R-080924	Groundwater		09-Aug-2024 10:00	10-Aug-2024 09:15	☐
HS24080712-14	12604S24-MW-17-080924	Groundwater		09-Aug-2024 08:53	10-Aug-2024 09:15	☐
HS24080712-15	12604S24-RW-19-080924	Groundwater		09-Aug-2024 10:13	10-Aug-2024 09:15	☐
HS24080712-16	12604S24-RW-5R-080924	Groundwater		09-Aug-2024 08:28	10-Aug-2024 09:15	☐
HS24080712-17	12604S24-DUP-1-080824	Groundwater		08-Aug-2024 00:00	10-Aug-2024 09:15	☐
HS24080712-18	12604S24-DUP-2-080924	Groundwater		09-Aug-2024 00:00	10-Aug-2024 09:15	☐
HS24080712-19	Trip Blank	Water		08-Aug-2024 00:00	10-Aug-2024 09:15	☐

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Work Order: HS24080712

CASE NARRATIVE

Work Order Comments

• The analyses for Volatiles were subcontracted to ALS Environmental in Holland, MI. Final report attached.

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-1R-080824
Collection Date: 08-Aug-2024 11:15

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-01
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-2R-080824
Collection Date: 08-Aug-2024 11:40

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-3R-080824
Collection Date: 08-Aug-2024 12:20

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-4R-080824
Collection Date: 08-Aug-2024 12:55

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-5R-080824
Collection Date: 08-Aug-2024 13:40

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-7R-080824
Collection Date: 08-Aug-2024 14:30

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-13R-080824
Collection Date: 08-Aug-2024 13:00

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-RW-14-080824
Collection Date: 08-Aug-2024 14:50

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-RW-15-080824
Collection Date: 08-Aug-2024 15:35

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-18-080824
Collection Date: 08-Aug-2024 14:05

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-10
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-8R-080924
Collection Date: 09-Aug-2024 08:15

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-11
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-10R-080924
Collection Date: 09-Aug-2024 08:55

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-11R-080924
Collection Date: 09-Aug-2024 10:00

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-13
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-MW-17-080924
Collection Date: 09-Aug-2024 08:53

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-RW-19-080924
Collection Date: 09-Aug-2024 10:13

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-15
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-RW-5R-080924
Collection Date: 09-Aug-2024 08:28

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-16
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-DUP-1-080824
Collection Date: 08-Aug-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-17
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: 12604S24-DUP-2-080924
Collection Date: 09-Aug-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-18
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
Sample ID: Trip Blank
Collection Date: 08-Aug-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24080712
Lab ID:HS24080712-19
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
SUBCONTRACT ANALYSIS -VOC ANALYSIS	**Method:SUBCONTRACT**					Analyst: SUBHO
Subcontracted Analyses	See Attached			NA	1	26-Aug-2024 08:38

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

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
WorkOrder: HS24080712

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R475426 (0)	**Test Name :** SUBCONTRACT ANALYSIS -VOC ANALYSIS				**Matrix:** Water	
HS24080712-19	Trip Blank	08 Aug 2024 00:00			26 Aug 2024 08:38	1
Batch ID: R475426 (0)	**Test Name :** SUBCONTRACT ANALYSIS -VOC ANALYSIS				**Matrix:** Groundwater	
HS24080712-01	12604S24-MW-1R-080824	08 Aug 2024 11:15			26 Aug 2024 08:38	1
HS24080712-02	12604S24-MW-2R-080824	08 Aug 2024 11:40			26 Aug 2024 08:38	1
HS24080712-03	12604S24-MW-3R-080824	08 Aug 2024 12:20			26 Aug 2024 08:38	1
HS24080712-04	12604S24-MW-4R-080824	08 Aug 2024 12:55			26 Aug 2024 08:38	1
HS24080712-05	12604S24-MW-5R-080824	08 Aug 2024 13:40			26 Aug 2024 08:38	1
HS24080712-06	12604S24-MW-7R-080824	08 Aug 2024 14:30			26 Aug 2024 08:38	1
HS24080712-07	12604S24-MW-13R-080824	08 Aug 2024 13:00			26 Aug 2024 08:38	1
HS24080712-08	12604S24-RW-14-080824	08 Aug 2024 14:50			26 Aug 2024 08:38	1
HS24080712-09	12604S24-RW-15-080824	08 Aug 2024 15:35			26 Aug 2024 08:38	1
HS24080712-10	12604S24-MW-18-080824	08 Aug 2024 14:05			26 Aug 2024 08:38	1
HS24080712-11	12604S24-MW-8R-080924	09 Aug 2024 08:15			26 Aug 2024 08:38	1
HS24080712-12	12604S24-MW-10R-080924	09 Aug 2024 08:55			26 Aug 2024 08:38	1
HS24080712-13	12604S24-MW-11R-080924	09 Aug 2024 10:00			26 Aug 2024 08:38	1
HS24080712-14	12604S24-MW-17-080924	09 Aug 2024 08:53			26 Aug 2024 08:38	1
HS24080712-15	12604S24-RW-19-080924	09 Aug 2024 10:13			26 Aug 2024 08:38	1
HS24080712-16	12604S24-RW-5R-080924	09 Aug 2024 08:28			26 Aug 2024 08:38	1
HS24080712-17	12604S24-DUP-1-080824	08 Aug 2024 00:00			26 Aug 2024 08:38	1
HS24080712-18	12604S24-DUP-2-080924	09 Aug 2024 00:00			26 Aug 2024 08:38	1

ALS Houston, US Date: 26-Aug-24

Client: GHD
Project: Darr Angell No.4
WorkOrder: **HS24080712**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

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

CERTIFICATIONS,ACCREDITATIONS & LICENSES

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

ALS Houston, US Date: 26-Aug-24

Sample Receipt Checklist

Work Order ID: HS24080712 **Date/Time Received:** 10-Aug-2024 09:15

Client Name: GHDHouston **Received by:** Michael Lucio

Completed By: /S/ Armand Morgan (eSignature) 12-Aug-2024 11:33 (Date/Time) **Reviewed by:** (eSignature) (Date/Time)

Matrices: W Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	2 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:N/A
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	5.4UC/5.4C		IR 35
Cooler(s)/Kit(s):	BLUE		
Date/Time sample(s) sent to storage:	08/12/24 11:30		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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

Chain of Custody Form

Page 1 of 12

☐ ALS Laboratory Group
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

ALS Project Manager: | Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis
Purchase Order		Project Name	Darr Angell No. 4	A BTEX 8021B
Work Order		Project Number	SRS#:2001-10876	B
Company Name	Plains All American Pipeline LP	Bill To Company	Plains All American Pipeline	C
Send Report To	Chris Knight	Invoice Attn.	ENV-00 Accounts Payable	D
Address	11451 Katy Fwy Suite 400	Address	c/o ENV-00 Accounts Payable	E
City/State/Zip	Houston, Tx 77079	City/State/Zip	Houston, TX 77320-4648	F
Phone	713-734-3090	Phone	(713) 646-4610	G
Fax		Fax		H
e-Mail Address	christoper.knight@ghd.com	e-Mail Address	Karolanne.Hudgens@plains.com	I
				J

HS24080712
GHD
12604524 - Darr Angell No.4

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12604524-MW-1R-080824	08-08-24	11:15	GW	Ice	3	✓										
2	12604524-MW-2R-080824	08-08-24	11:40	GW	Ice	3	✓										
3	12604524-MW-3R-080824	08-08-24	12:20	GW	Ice	3	✓										
4	12604524-MW-4R-080824	08-08-24	12:55	GW	Ice	3	✓										
5	12604524-MW-5R-080824	08-08-24	13:40	GW	Ice	3	✓										
6	12604524-MW-7R-080824	08-08-24	14:30	GW	Ice	3	✓										
7	12604524-MW13R-080824	08-08-24	13:00	GW	Ice	3	✓										
8	12604524-RW-14-080824	08-08-24	14:50	GW	Ice	3	✓										
9	12604524-RW-15-080824	08-08-24	15:35	GW	Ice	3	✓										
10	12604524-MW-18-080824	08-08-24	14:05	GW	Ice	3	✓										

Sampler(s): Please Print & Sign
Jairo Flores

Shipment Method:

Required Turnaround Time: ☑ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
Jairo Flores	8-9-24	1500	
Relinquished by:	Date:	Time:	Received by (Laboratory):
	8-10-24	9:15	Michael Luis
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: Bill direct to Plains All American Pipeline LP.

Cooler Temp. 5.4

QC Package: (Check Box Below)

	Level II: Standard QC	x	TRRP-Checklist
	Level III: Std QC + Raw Data		TRRP Level IV
	Level IV: SW846 CLP-Like		
	Other:		

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

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

1R35 Blue

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

Chain of Custody Form

Page 2 of 2

☐ ALS Laboratory Group
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

ALS Project Manager: | Work Order #:

Customer Information		Project Information	
Purchase Order		Project Name	Darr Angell No. 4
Work Order		Project Number	SRS#:2001-10876
Company Name	Plains All American Pipeline LP	Bill To Company	Plains All American Pipeline
Send Report To	Chris Knight	Invoice Attn.	ENV-00 Accounts Payable
Address	11451 Katy Fwy Suite 400	Address	c/o ENV-00 Accounts Payable
City/State/Zip	Houston, Tx 77079	City/State/Zip	Houston, TX 77320-4648
Phone	713-734-3090	Phone	(713) 646-4610
Fax		Fax	
e-Mail Address	christoper.knight@ghd.com	e-Mail Address	Karolanne.Hudgens@plains.com

Parameter/Method Request for Analysis

A BTEX 8021B
B
C
D
E
F
G
H
I
J

HS24080712
GHD
12604524 - Darr Angell No.4

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12604524-MW-8R-080924	08-09-24	08:15	GW	Ice	3	✓										
2	12604524-MW-10R-080924	08-09-24	08:55	GW	Ice	3	✓										
3	12604524-MW-11R-080924	08-09-24	10:00	GW	Ice	3	✓										
4	12604524-MW-17-080924	08-09-24	08:53	GW	Ice	3	✓										
5	12604524-RW-19-080924	08-09-24	10:13	GW	Ice	3	✓										
6	12604524-RW-5R-080924	08-09-24	08:28	GW	Ice	3	✓										
7	12604524-Dup-1-080824	08-08-24	—	GW	Ice	3	✓										
8	12604524-Dup-2-080924	08-09-24	—	GW	Ice	3	✓										
9	Trip Blank-	—	—	—	Ice	—	✓										
10																	

Sampler(s): Please Print & Sign
Jairo Flores

Shipment Method:

Required Turnaround Time: ☑ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other _____

Results Due Date:

	Date:	Time:	
Relinquished by: Jairo F.	8-9-24	1500	Received by:
Relinquished by:	Date:	Time:	Received by (Laboratory):
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: Bill direct to Plains All American Pipeline LP.

Cooler Temp.

QC Package: (Check Box Below)

	Level II: Standard QC	x	TRRP-Checklist
	Level III: Std QC + Raw Data		TRRP Level IV
	Level IV: SW846 CLP-Like		
	Other: _____		

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

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

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

CUSTODY SEAL

Date: 8.9.24 Time: 1500
Name: Jairo F.
Company: GHD

Seal Broken By: AM
Date: 8/12/24

Part # 158469-494 MTW EXP 01/25

Must Deliver Next Business Day
Time and Tempature Sensitive!

809 1 B
2:00
5

ORIGIN ID:SGRA (505) 546-2198
JAIRO FLORES
GHD
5216 TREMONT AVE APT 1402

MIDLAND, TX 79707
UNITED STATES US

SHIP DATE: 02AUG24
ACTWGT: 1.00 LB MAN
CAD: 0221247/CAFE3808

585C6/A12B/C6C4

TO SAMPLE RECEIVING
ALS GROUP USA,CORP
10450 STANCLIFF ROAD
SUITE 210
HOUSTON TX 77099
(281) 530-5656
REF: DARR ANGELL - BO102544 - LA

RMA:

FedEx Express

FedEx
TRK# 0221 7386 7924 8735

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO SGRA

77099
TX-US IAH

#244918 08/09 583J6/A12D/9AE3

26-Aug-2024

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

Re: **HS24080712** Work Order: **24080614**

Dear Luis,

ALS Environmental received 19 samples on 16-Aug-2024 09:00 AM for the analyses presented in the following report.

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

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

The total number of pages in this report is 32.

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

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

Sincerely,

Chelsey Cook

Electronically approved by: Chelsey Cook

Chelsey Cook
Project Manager

Report of Laboratory Analysis

Certificate No: FL E871106

ALS Group, USA

Date: 26-Aug-24

Client: ALS Environmental
Project: HS24080712
Work Order: **24080614**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
24080614-01	12604S24-MW-1R-080824	Groundwater	HS24080712-01	8/8/2024 11:15	8/16/2024 09:00	☐
24080614-02	12604S24-MW-2R-080824	Groundwater	HS24080712-02	8/8/2024 11:40	8/16/2024 09:00	☐
24080614-03	12604S24-MW-3R-080824	Groundwater	HS24080712-03	8/8/2024 12:20	8/16/2024 09:00	☐
24080614-04	12604S24-MW-4R-080824	Groundwater	HS24080712-04	8/8/2024 12:55	8/16/2024 09:00	☐
24080614-05	12604S24-MW-5R-080824	Groundwater	HS24080712-05	8/8/2024 13:40	8/16/2024 09:00	☐
24080614-06	12604S24-MW-7R-080824	Groundwater	HS24080712-06	8/8/2024 14:30	8/16/2024 09:00	☐
24080614-07	12604S24-MW-13R-080824	Groundwater	HS24080712-07	8/8/2024 13:00	8/16/2024 09:00	☐
24080614-08	12604S24-RW-14-080824	Groundwater	HS24080712-08	8/8/2024 14:50	8/16/2024 09:00	☐
24080614-09	12604S24-RW-15-080824	Groundwater	HS24080712-09	8/8/2024 15:35	8/16/2024 09:00	☐
24080614-10	12604S24-MW-18-080824	Groundwater	HS24080712-10	8/8/2024 14:05	8/16/2024 09:00	☐
24080614-11	12604S24-MW-8R-080924	Groundwater	HS24080712-11	8/9/2024 08:15	8/16/2024 09:00	☐
24080614-12	12604S24-MW-10R-080924	Groundwater	HS24080712-12	8/9/2024 08:55	8/16/2024 09:00	☐
24080614-13	12604S24-MW-11R-080924	Groundwater	HS24080712-13	8/9/2024 10:00	8/16/2024 09:00	☐
24080614-14	12604S24-MW-17-080924	Groundwater	HS24080712-14	8/9/2024 08:53	8/16/2024 09:00	☐
24080614-15	12604S24-RW-19-080924	Groundwater	HS24080712-15	8/9/2024 10:13	8/16/2024 09:00	☐
24080614-16	12604S24-RW-5R-080924	Groundwater	HS24080712-16	8/9/2024 08:28	8/16/2024 09:00	☐
24080614-17	12604S24-DUP-1-080824	Groundwater	HS24080712-17	8/8/2024	8/16/2024 09:00	☐
24080614-18	12604S24-DUP-2-080924	Groundwater	HS24080712-18	8/9/2024	8/16/2024 09:00	☐
24080614-19	Trip Blank	Groundwater	HS24080712-19	8/8/2024	8/16/2024 09:00	☐

ALS Group, USA

Date: 26-Aug-24

Client: ALS Environmental
Project: HS24080712
WorkOrder: **24080614**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Analyte accreditation is not offered
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

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

Units Reported	Description
mg/L	Milligrams per Liter

ALS Group, USA

Date: 26-Aug-24

Client: ALS Environmental
Project: HS24080712
Work Order: 24080614

Case Narrative

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

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

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

Volatile Organics:
No deviations or anomalies were noted.

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-1R-080824
Collection Date: 8/8/2024 11:15 AM

Work Order: 24080614
Lab ID: 24080614-01
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 02:53
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 02:53
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 02:53
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 02:53
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 02:53
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 02:53
Surr: 1,2-Dichloroethane-d4	*94.8*			*80-120*	*%REC*	1	8/20/2024 02:53
Surr: 4-Bromofluorobenzene	*97.8*			*80-120*	*%REC*	1	8/20/2024 02:53
Surr: Dibromofluoromethane	*105*			*80-120*	*%REC*	1	8/20/2024 02:53
Surr: Toluene-d8	*93.6*			*80-120*	*%REC*	1	8/20/2024 02:53

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-2R-080824
Collection Date: 8/8/2024 11:40 AM

Work Order: 24080614
Lab ID: 24080614-02
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 03:11
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 03:11
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 03:11
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 03:11
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 03:11
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 03:11
Surr: 1,2-Dichloroethane-d4	*99.0*			*80-120*	*%REC*	1	8/20/2024 03:11
Surr: 4-Bromofluorobenzene	*101*			*80-120*	*%REC*	1	8/20/2024 03:11
Surr: Dibromofluoromethane	*104*			*80-120*	*%REC*	1	8/20/2024 03:11
Surr: Toluene-d8	*94.6*			*80-120*	*%REC*	1	8/20/2024 03:11

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-3R-080824
Collection Date: 8/8/2024 12:20 PM

Work Order: 24080614
Lab ID: 24080614-03
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 03:30
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 03:30
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 03:30
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 03:30
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 03:30
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 03:30
Surr: 1,2-Dichloroethane-d4	*103*			*80-120*	*%REC*	1	8/20/2024 03:30
Surr: 4-Bromofluorobenzene	*103*			*80-120*	*%REC*	1	8/20/2024 03:30
Surr: Dibromofluoromethane	*108*			*80-120*	*%REC*	1	8/20/2024 03:30
Surr: Toluene-d8	*93.4*			*80-120*	*%REC*	1	8/20/2024 03:30

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-4R-080824
Collection Date: 8/8/2024 12:55 PM

Work Order: 24080614
Lab ID: 24080614-04
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 03:48
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 03:48
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 03:48
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 03:48
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 03:48
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 03:48
Surr: 1,2-Dichloroethane-d4	*106*			*80-120*	*%REC*	1	8/20/2024 03:48
Surr: 4-Bromofluorobenzene	*103*			*80-120*	*%REC*	1	8/20/2024 03:48
Surr: Dibromofluoromethane	*109*			*80-120*	*%REC*	1	8/20/2024 03:48
Surr: Toluene-d8	*96.2*			*80-120*	*%REC*	1	8/20/2024 03:48

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-5R-080824
Collection Date: 8/8/2024 01:40 PM

Work Order: 24080614
Lab ID: 24080614-05
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 04:06
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 04:06
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 04:06
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 04:06
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 04:06
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 04:06
Surr: 1,2-Dichloroethane-d4	*104*			*80-120*	*%REC*	1	8/20/2024 04:06
Surr: 4-Bromofluorobenzene	*104*			*80-120*	*%REC*	1	8/20/2024 04:06
Surr: Dibromofluoromethane	*108*			*80-120*	*%REC*	1	8/20/2024 04:06
Surr: Toluene-d8	*94.3*			*80-120*	*%REC*	1	8/20/2024 04:06

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-7R-080824
Collection Date: 8/8/2024 02:30 PM

Work Order: 24080614
Lab ID: 24080614-06
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 04:24
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 04:24
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 04:24
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 04:24
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 04:24
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 04:24
Surr: 1,2-Dichloroethane-d4	*103*			*80-120*	*%REC*	1	8/20/2024 04:24
Surr: 4-Bromofluorobenzene	*104*			*80-120*	*%REC*	1	8/20/2024 04:24
Surr: Dibromofluoromethane	*108*			*80-120*	*%REC*	1	8/20/2024 04:24
Surr: Toluene-d8	*93.0*			*80-120*	*%REC*	1	8/20/2024 04:24

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-13R-080824
Collection Date: 8/8/2024 01:00 PM

Work Order: 24080614
Lab ID: 24080614-07
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 04:42
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 04:42
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 04:42
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 04:42
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 04:42
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 04:42
Surr: 1,2-Dichloroethane-d4	*97.5*			*80-120*	*%REC*	1	8/20/2024 04:42
Surr: 4-Bromofluorobenzene	*101*			*80-120*	*%REC*	1	8/20/2024 04:42
Surr: Dibromofluoromethane	*103*			*80-120*	*%REC*	1	8/20/2024 04:42
Surr: Toluene-d8	*95.6*			*80-120*	*%REC*	1	8/20/2024 04:42

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-RW-14-080824
Collection Date: 8/8/2024 02:50 PM

Work Order: 24080614
Lab ID: 24080614-08
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 05:00
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 05:00
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 05:00
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 05:00
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 05:00
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 05:00
Surr: 1,2-Dichloroethane-d4	*102*			*80-120*	*%REC*	1	8/20/2024 05:00
Surr: 4-Bromofluorobenzene	*104*			*80-120*	*%REC*	1	8/20/2024 05:00
Surr: Dibromofluoromethane	*104*			*80-120*	*%REC*	1	8/20/2024 05:00
Surr: Toluene-d8	*94.1*			*80-120*	*%REC*	1	8/20/2024 05:00

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-RW-15-080824
Collection Date: 8/8/2024 03:35 PM

Work Order: 24080614
Lab ID: 24080614-09
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 05:18
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 05:18
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 05:18
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 05:18
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 05:18
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 05:18
Surr: 1,2-Dichloroethane-d4	*103*			*80-120*	*%REC*	1	8/20/2024 05:18
Surr: 4-Bromofluorobenzene	*101*			*80-120*	*%REC*	1	8/20/2024 05:18
Surr: Dibromofluoromethane	*106*			*80-120*	*%REC*	1	8/20/2024 05:18
Surr: Toluene-d8	*91.4*			*80-120*	*%REC*	1	8/20/2024 05:18

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-18-080824
Collection Date: 8/8/2024 02:05 PM

Work Order: 24080614
Lab ID: 24080614-10
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 05:36
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 05:36
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 05:36
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 05:36
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 05:36
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 05:36
Surr: 1,2-Dichloroethane-d4	*96.9*			*80-120*	*%REC*	1	8/20/2024 05:36
Surr: 4-Bromofluorobenzene	*104*			*80-120*	*%REC*	1	8/20/2024 05:36
Surr: Dibromofluoromethane	*107*			*80-120*	*%REC*	1	8/20/2024 05:36
Surr: Toluene-d8	*98.4*			*80-120*	*%REC*	1	8/20/2024 05:36

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-8R-080924
Collection Date: 8/9/2024 08:15 AM

Work Order: 24080614
Lab ID: 24080614-11
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 05:54
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 05:54
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 05:54
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 05:54
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 05:54
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 05:54
Surr: 1,2-Dichloroethane-d4	*101*			*80-120*	*%REC*	1	8/20/2024 05:54
Surr: 4-Bromofluorobenzene	*104*			*80-120*	*%REC*	1	8/20/2024 05:54
Surr: Dibromofluoromethane	*105*			*80-120*	*%REC*	1	8/20/2024 05:54
Surr: Toluene-d8	*95.4*			*80-120*	*%REC*	1	8/20/2024 05:54

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-10R-080924
Collection Date: 8/9/2024 08:55 AM

Work Order: 24080614
Lab ID: 24080614-12
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 06:12
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 06:12
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 06:12
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 06:12
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 06:12
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 06:12
Surr: 1,2-Dichloroethane-d4	*107*			*80-120*	*%REC*	1	8/20/2024 06:12
Surr: 4-Bromofluorobenzene	*106*			*80-120*	*%REC*	1	8/20/2024 06:12
Surr: Dibromofluoromethane	*104*			*80-120*	*%REC*	1	8/20/2024 06:12
Surr: Toluene-d8	*92.0*			*80-120*	*%REC*	1	8/20/2024 06:12

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-11R-080924
Collection Date: 8/9/2024 10:00 AM

Work Order: 24080614
Lab ID: 24080614-13
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 06:30
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 06:30
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 06:30
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 06:30
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 06:30
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 06:30
Surr: 1,2-Dichloroethane-d4	*100*			*80-120*	*%REC*	1	8/20/2024 06:30
Surr: 4-Bromofluorobenzene	*102*			*80-120*	*%REC*	1	8/20/2024 06:30
Surr: Dibromofluoromethane	*98.9*			*80-120*	*%REC*	1	8/20/2024 06:30
Surr: Toluene-d8	*95.4*			*80-120*	*%REC*	1	8/20/2024 06:30

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-MW-17-080924
Collection Date: 8/9/2024 08:53 AM

Work Order: 24080614
Lab ID: 24080614-14
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 06:48
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 06:48
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 06:48
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 06:48
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 06:48
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 06:48
Surr: 1,2-Dichloroethane-d4	*104*			*80-120*	*%REC*	1	8/20/2024 06:48
Surr: 4-Bromofluorobenzene	*106*			*80-120*	*%REC*	1	8/20/2024 06:48
Surr: Dibromofluoromethane	*106*			*80-120*	*%REC*	1	8/20/2024 06:48
Surr: Toluene-d8	*94.8*			*80-120*	*%REC*	1	8/20/2024 06:48

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-RW-19-080924
Collection Date: 8/9/2024 10:13 AM

Work Order: 24080614
Lab ID: 24080614-15
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 07:06
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 07:06
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 07:06
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 07:06
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 07:06
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 07:06
Surr: 1,2-Dichloroethane-d4	*101*			*80-120*	*%REC*	1	8/20/2024 07:06
Surr: 4-Bromofluorobenzene	*103*			*80-120*	*%REC*	1	8/20/2024 07:06
Surr: Dibromofluoromethane	*104*			*80-120*	*%REC*	1	8/20/2024 07:06
Surr: Toluene-d8	*95.3*			*80-120*	*%REC*	1	8/20/2024 07:06

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-RW-5R-080924
Collection Date: 8/9/2024 08:28 AM

Work Order: 24080614
Lab ID: 24080614-16
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **JGV**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 07:24
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 07:24
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 07:24
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 07:24
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 07:24
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 07:24
Surr: 1,2-Dichloroethane-d4	*101*			*80-120*	*%REC*	1	8/20/2024 07:24
Surr: 4-Bromofluorobenzene	*102*			*80-120*	*%REC*	1	8/20/2024 07:24
Surr: Dibromofluoromethane	*105*			*80-120*	*%REC*	1	8/20/2024 07:24
Surr: Toluene-d8	*92.3*			*80-120*	*%REC*	1	8/20/2024 07:24

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-DUP-1-080824
Collection Date: 8/8/2024

Work Order: 24080614
Lab ID: 24080614-17
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **ACK**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 03:21
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 03:21
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 03:21
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 03:21
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 03:21
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 03:21
Surr: 1,2-Dichloroethane-d4	*100*			*80-120*	*%REC*	1	8/20/2024 03:21
Surr: 4-Bromofluorobenzene	*97.2*			*80-120*	*%REC*	1	8/20/2024 03:21
Surr: Dibromofluoromethane	*103*			*80-120*	*%REC*	1	8/20/2024 03:21
Surr: Toluene-d8	*103*			*80-120*	*%REC*	1	8/20/2024 03:21

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: 12604S24-DUP-2-080924
Collection Date: 8/9/2024

Work Order: 24080614
Lab ID: 24080614-18
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **ACK**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 03:39
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 03:39
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 03:39
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 03:39
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 03:39
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 03:39
Surr: 1,2-Dichloroethane-d4	*100*			*80-120*	*%REC*	1	8/20/2024 03:39
Surr: 4-Bromofluorobenzene	*96.7*			*80-120*	*%REC*	1	8/20/2024 03:39
Surr: Dibromofluoromethane	*104*			*80-120*	*%REC*	1	8/20/2024 03:39
Surr: Toluene-d8	*102*			*80-120*	*%REC*	1	8/20/2024 03:39

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

ALS Group, USA

Date: *26-Aug-24*

Client: ALS Environmental
Project: HS24080712
Sample ID: Trip Blank
Collection Date: 8/8/2024

Work Order: 24080614
Lab ID: 24080614-19
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260D**					Analyst: **ACK**
Benzene	U		0.00046	0.0010	mg/L	1	8/20/2024 01:49
Ethylbenzene	U		0.00034	0.0010	mg/L	1	8/20/2024 01:49
m,p-Xylene	U		0.00081	0.0020	mg/L	1	8/20/2024 01:49
o-Xylene	U		0.00031	0.0010	mg/L	1	8/20/2024 01:49
Toluene	U		0.00045	0.0010	mg/L	1	8/20/2024 01:49
Xylenes, Total	U		0.00081	0.0030	mg/L	1	8/20/2024 01:49
Surr: 1,2-Dichloroethane-d4	*101*			*80-120*	*%REC*	1	8/20/2024 01:49
Surr: 4-Bromofluorobenzene	*97.6*			*80-120*	*%REC*	1	8/20/2024 01:49
Surr: Dibromofluoromethane	*102*			*80-120*	*%REC*	1	8/20/2024 01:49
Surr: Toluene-d8	*103*			*80-120*	*%REC*	1	8/20/2024 01:49

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

ALS Group, USA

Client: ALS Environmental
Work Order: 24080614
Project: HS24080712

Date: 26-Aug-24

QC BATCH REPORT

Batch ID: **R409985** Instrument ID **VMS7** Method: **SW8260D**

MBLK Sample ID: **7V-BLKW2-240819-R409985** Units: **µg/L** Analysis Date: **8/20/2024 01:04 AM**
Client ID: Run ID: **VMS7_240819B** SeqNo: **11046810** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	0.46	1.0								
Ethylbenzene	U	0.34	1.0								
m,p-Xylene	U	0.81	2.0								
o-Xylene	U	0.31	1.0								
Toluene	U	0.45	1.0								
Xylenes, Total	U	0.81	3.0								
Surr: 1,2-Dichloroethane-d4	*19.68*	0	0	*20*	0	*98.4*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*20.59*	0	0	*20*	0	*103*	*80-120*	0			
Surr: Dibromofluoromethane	*19.75*	0	0	*20*	0	*98.8*	*80-120*	0			
Surr: Toluene-d8	*18.8*	0	0	*20*	0	*94*	*80-120*	0			

LCS Sample ID: **7V-LCSW2-240819-R409985** Units: **µg/L** Analysis Date: **8/20/2024 12:10 AM**
Client ID: Run ID: **VMS7_240819B** SeqNo: **11046808** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.76	0.46	1.0	20	0	98.8	78-120	0			
Ethylbenzene	17.77	0.34	1.0	20	0	88.8	76-116	0			
m,p-Xylene	34.86	0.81	2.0	40	0	87.2	76-119	0			
o-Xylene	17.64	0.31	1.0	20	0	88.2	77-116	0			
Toluene	18.26	0.45	1.0	20	0	91.3	78-116	0			
Xylenes, Total	52.5	0.81	3.0	60	0	87.5	77-119	0			
Surr: 1,2-Dichloroethane-d4	*19.46*	0	0	*20*	0	*97.3*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*19.83*	0	0	*20*	0	*99.2*	*80-120*	0			
Surr: Dibromofluoromethane	*20.46*	0	0	*20*	0	*102*	*80-120*	0			
Surr: Toluene-d8	*19.46*	0	0	*20*	0	*97.3*	*80-120*	0			

MS Sample ID: **24080430-02A MS** Units: **µg/L** Analysis Date: **8/20/2024 07:42 AM**
Client ID: Run ID: **VMS7_240819B** SeqNo: **11046832** Prep Date: DF: **10**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	192.5	4.6	10	200	0	96.2	78-120	0			
Ethylbenzene	172.2	3.4	10	200	0	86.1	76-116	0			
m,p-Xylene	335.9	8.1	20	400	0	84	76-119	0			
o-Xylene	172.1	3.1	10	200	0	86	77-116	0			
Toluene	174	4.5	10	200	0	87	78-116	0			
Xylenes, Total	508	8.1	30	600	0	84.7	77-119	0			
Surr: 1,2-Dichloroethane-d4	*204.9*	0	0	*200*	0	*102*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*211.2*	0	0	*200*	0	*106*	*80-120*	0			
Surr: Dibromofluoromethane	*212*	0	0	*200*	0	*106*	*80-120*	0			
Surr: Toluene-d8	*189.4*	0	0	*200*	0	*94.7*	*80-120*	0			

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

Client: ALS Environmental
Work Order: 24080614
Project: HS24080712

QC BATCH REPORT

Batch ID: **R409985** Instrument ID **VMS7** Method: **SW8260D**

MSD Sample ID: **24080430-02A MSD** Units: **µg/L** Analysis Date: **8/20/2024 08:00 AM**
Client ID: Run ID: **VMS7_240819B** SeqNo: **11046833** Prep Date: DF: **10**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	185.9	4.6	10	200	0	93	78-120	192.5	3.49	30	
Ethylbenzene	167.9	3.4	10	200	0	84	76-116	172.2	2.53	30	
m,p-Xylene	328.5	8.1	20	400	0	82.1	76-119	335.9	2.23	30	
o-Xylene	166.8	3.1	10	200	0	83.4	77-116	172.1	3.13	30	
Toluene	167.3	4.5	10	200	0	83.6	78-116	174	3.93	30	
Xylenes, Total	495.3	8.1	30	600	0	82.6	77-119	508	2.53	30	
Surr: 1,2-Dichloroethane-d4	*188.9*	0	0	*200*	0	*94.4*	*80-120*	204.9	*8.13*	*30*	
Surr: 4-Bromofluorobenzene	*206.4*	0	0	*200*	0	*103*	*80-120*	211.2	*2.3*	*30*	
Surr: Dibromofluoromethane	*197.5*	0	0	*200*	0	*98.8*	*80-120*	212	*7.08*	*30*	
Surr: Toluene-d8	*187.5*	0	0	*200*	0	*93.8*	*80-120*	189.4	*1.01*	*30*	

The following samples were analyzed in this batch:

24080614-01A	24080614-02A	24080614-03A
24080614-04A	24080614-05A	24080614-06A
24080614-07A	24080614-08A	24080614-09A
24080614-10A	24080614-11A	24080614-12A
24080614-13A	24080614-14A	24080614-15A
24080614-16A		

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

Client: ALS Environmental
Work Order: 24080614
Project: HS24080712

QC BATCH REPORT

Batch ID: **R409992e** Instrument ID **VMS8** Method: **SW8260D**

MBLK Sample ID: **8V-BLKW2-240819-R409992e** Units: **µg/L** Analysis Date: **8/20/2024 12:18 AM**
Client ID: Run ID: **VMS8_240819A** SeqNo: **11047550** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	0.46	1.0								
Ethylbenzene	U	0.34	1.0								
m,p-Xylene	U	0.81	2.0								
o-Xylene	U	0.31	1.0								
Toluene	U	0.45	1.0								
Xylenes, Total	U	0.81	3.0								
Surr: 1,2-Dichloroethane-d4	*19.95*	0	0	*20*	0	*99.8*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*19.25*	0	0	*20*	0	*96.2*	*80-120*	0			
Surr: Dibromofluoromethane	*19.9*	0	0	*20*	0	*99.5*	*80-120*	0			
Surr: Toluene-d8	*20.06*	0	0	*20*	0	*100*	*80-120*	0			

LCS Sample ID: **8V-LCSW1-240819-R409992e** Units: **µg/L** Analysis Date: **8/19/2024 11:23 PM**
Client ID: Run ID: **VMS8_240819A** SeqNo: **11047548** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.74	0.46	1.0	20	0	98.7	78-120	0			
Ethylbenzene	19.6	0.34	1.0	20	0	98	76-116	0			
m,p-Xylene	38.55	0.81	2.0	40	0	96.4	76-119	0			
o-Xylene	19.14	0.31	1.0	20	0	95.7	77-116	0			
Toluene	19.25	0.45	1.0	20	0	96.2	78-116	0			
Xylenes, Total	57.69	0.81	3.0	60	0	96.2	77-119	0			
Surr: 1,2-Dichloroethane-d4	*19.86*	0	0	*20*	0	*99.3*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*20.08*	0	0	*20*	0	*100*	*80-120*	0			
Surr: Dibromofluoromethane	*19.97*	0	0	*20*	0	*99.8*	*80-120*	0			
Surr: Toluene-d8	*20.53*	0	0	*20*	0	*103*	*80-120*	0			

MS Sample ID: **HN2405198-005 MS** Units: **µg/L** Analysis Date: **8/20/2024 06:59 AM**
Client ID: Run ID: **VMS8_240819A** SeqNo: **11047572** Prep Date: DF: **100**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	2313	46	100	2000	0	116	78-120	0			
Ethylbenzene	2236	34	100	2000	0	112	76-116	0			
m,p-Xylene	4386	81	200	4000	0	110	76-119	0			
o-Xylene	2110	31	100	2000	0	106	77-116	0			
Toluene	2253	45	100	2000	66	109	78-116	0			
Xylenes, Total	6496	81	300	6000	0	108	77-119	0			
Surr: 1,2-Dichloroethane-d4	*2021*	0	0	*2000*	0	*101*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*1994*	0	0	*2000*	0	*99.7*	*80-120*	0			
Surr: Dibromofluoromethane	*2066*	0	0	*2000*	0	*103*	*80-120*	0			
Surr: Toluene-d8	*2000*	0	0	*2000*	0	*100*	*80-120*	0			

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

Client: ALS Environmental
Work Order: 24080614
Project: HS24080712

QC BATCH REPORT

Batch ID: **R409992e** Instrument ID **VMS8** Method: **SW8260D**

MSD Sample ID: **HN2405198-005 MSD** Units: **µg/L** Analysis Date: **8/20/2024 07:17 AM**
Client ID: Run ID: **VMS8_240819A** SeqNo: **11047573** Prep Date: DF: **100**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	2244	46	100	2000	0	112	78-120	2313	3.03	30	
Ethylbenzene	2210	34	100	2000	0	110	76-116	2236	1.17	30	
m,p-Xylene	4406	81	200	4000	0	110	76-119	4386	0.455	30	
o-Xylene	2158	31	100	2000	0	108	77-116	2110	2.25	30	
Toluene	2228	45	100	2000	66	108	78-116	2253	1.12	30	
Xylenes, Total	6564	81	300	6000	0	109	77-119	6496	1.04	30	
Surr: 1,2-Dichloroethane-d4	*1953*	0	0	*2000*	0	*97.6*	*80-120*	2021	*3.42*	*30*	
Surr: 4-Bromofluorobenzene	*2006*	0	0	*2000*	0	*100*	*80-120*	1994	*0.6*	*30*	
Surr: Dibromofluoromethane	*2059*	0	0	*2000*	0	*103*	*80-120*	2066	*0.339*	*30*	
Surr: Toluene-d8	*1989*	0	0	*2000*	0	*99.4*	*80-120*	2000	*0.552*	*30*	

The following samples were analyzed in this batch: 24080614-17A 24080614-18A 24080614-19A

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

QC Page: 4 of 4

24080614

ALS - HOUSTON: ALS Environmental
Project: HS24080712

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Subcontract Chain of Custody

SAMPLING STATE: **New Mexico** **COC ID:** **26686**

SUBCONTRACT TO:

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INVOICE INFORMATION:

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Contact:	Accounts Payable
Address:	10450 Stancliff Rd, Ste 210
Phone:	+1 281 530 5656
Reference:	HS24080712
TSR:	Ron Martino

	LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	COLLECT DATE
	ANALYSIS REQUESTED			DUE DATE
1.	**HS24080712-01**	**12604S24-MW-1R-080824**	**Groundwater**	**08 Aug 2024 11:15**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
2.	**HS24080712-02**	**12604S24-MW-2R-080824**	**Groundwater**	**08 Aug 2024 11:40**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
3.	**HS24080712-03**	**12604S24-MW-3R-080824**	**Groundwater**	**08 Aug 2024 12:20**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
4.	**HS24080712-04**	**12604S24-MW-4R-080824**	**Groundwater**	**08 Aug 2024 12:55**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
5.	**HS24080712-05**	**12604S24-MW-5R-080824**	**Groundwater**	**08 Aug 2024 13:40**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
6.	**HS24080712-06**	**12604S24-MW-7R-080824**	**Groundwater**	**08 Aug 2024 14:30**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
7.	**HS24080712-07**	**12604S24-MW-13R-080824**	**Groundwater**	**08 Aug 2024 13:00**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
8.	**HS24080712-08**	**12604S24-RW-14-080824**	**Groundwater**	**08 Aug 2024 14:50**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
9.	**HS24080712-09**	**12604S24-RW-15-080824**	**Groundwater**	**08 Aug 2024 15:35**

Subcontract Chain of Custody

SAMPLING STATE: **New Mexico** **COC ID:** **26686**

	LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	COLLECT DATE
	ANALYSIS REQUESTED			DUE DATE
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
10.	**HS24080712-10**	**12604S24-MW-18-080824**	**Groundwater**	**08 Aug 2024 14:05**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
11.	**HS24080712-11**	**12604S24-MW-8R-080924**	**Groundwater**	**09 Aug 2024 08:15**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
12.	**HS24080712-12**	**12604S24-MW-10R-080924**	**Groundwater**	**09 Aug 2024 08:55**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
13.	**HS24080712-13**	**12604S24-MW-11R-080924**	**Groundwater**	**09 Aug 2024 10:00**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
14.	**HS24080712-14**	**12604S24-MW-17-080924**	**Groundwater**	**09 Aug 2024 08:53**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
15.	**HS24080712-15**	**12604S24-RW-19-080924**	**Groundwater**	**09 Aug 2024 10:13**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
16.	**HS24080712-16**	**12604S24-RW-5R-080924**	**Groundwater**	**09 Aug 2024 08:28**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
17.	**HS24080712-17**	**12604S24-DUP-1-080824**	**Groundwater**	**08 Aug 2024 00:00**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
18.	**HS24080712-18**	**12604S24-DUP-2-080824**	**Groundwater**	**09 Aug 2024 00:00**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
19.	**HS24080712-19**	**Trip Blank**	**Water**	**08 Aug 2024 00:00**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024

Comments: Please analyze for the analysis listed above.
Send report to the emails shown above.
Analyze for 8260 BTEX

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

Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: 8-16-24 0900

Cooler ID(s): _____ Temperature(s): 1.6 IR3

10450 Stancliff Rd, Ste 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887
www.alsglobal.com

Subcontract Chain of Custody

SAMPLING STATE: **New Mexico** **COC ID:** **26736**

SUBCONTRACT TO:

ALS Group USA, Corp.
3352 - 128th Ave
Holland, MI 494249263 **Phone:** +1 616 399 6070

CUSTOMER INFORMATION:

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

INVOICE INFORMATION:

Company:	ALS Houston
Contact:	Accounts Payable
Address:	10450 Stancliff Rd, Ste 210
Phone:	+1 281 530 5656
Reference:	HS24080712
TSR:	Ron Martino

	LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	COLLECT DATE
	ANALYSIS REQUESTED			DUE DATE
1.	**HS24080712-01**	**12604S24-MW-1R-080824**	**Groundwater**	**08 Aug 2024 11:15**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
2.	**HS24080712-02**	**12604S24-MW-2R-080824**	**Groundwater**	**08 Aug 2024 11:40**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
3.	**HS24080712-03**	**12604S24-MW-3R-080824**	**Groundwater**	**08 Aug 2024 12:20**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
4.	**HS24080712-04**	**12604S24-MW-4R-080824**	**Groundwater**	**08 Aug 2024 12:55**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
5.	**HS24080712-05**	**12604S24-MW-5R-080824**	**Groundwater**	**08 Aug 2024 13:40**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
6.	**HS24080712-06**	**12604S24-MW-7R-080824**	**Groundwater**	**08 Aug 2024 14:30**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
7.	**HS24080712-07**	**12604S24-MW-13R-080824**	**Groundwater**	**08 Aug 2024 13:00**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
8.	**HS24080712-08**	**12604S24-RW-14-080824**	**Groundwater**	**08 Aug 2024 14:50**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
9.	**HS24080712-09**	**12604S24-RW-15-080824**	**Groundwater**	**08 Aug 2024 15:35**

Subcontract Chain of Custody

SAMPLING STATE: **New Mexico** **COC ID: 26736**

	LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	COLLECT DATE
	ANALYSIS REQUESTED			DUE DATE
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
10.	**HS24080712-10**	**12604S24-MW-18-080824**	**Groundwater**	**08 Aug 2024 14:05**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
11.	**HS24080712-11**	**12604S24-MW-8R-080924**	**Groundwater**	**09 Aug 2024 08:15**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
12.	**HS24080712-12**	**12604S24-MW-10R-080924**	**Groundwater**	**09 Aug 2024 08:55**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
13.	**HS24080712-13**	**12604S24-MW-11R-080924**	**Groundwater**	**09 Aug 2024 10:00**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
14.	**HS24080712-14**	**12604S24-MW-17-080924**	**Groundwater**	**09 Aug 2024 08:53**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
15.	**HS24080712-15**	**12604S24-RW-19-080924**	**Groundwater**	**09 Aug 2024 10:13**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
16.	**HS24080712-16**	**12604S24-RW-5R-080924**	**Groundwater**	**09 Aug 2024 08:28**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
17.	**HS24080712-17**	**12604S24-DUP-1-080824**	**Groundwater**	**08 Aug 2024 00:00**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
18.	**HS24080712-18**	**12604S24-DUP-2-080924**	**Groundwater**	**09 Aug 2024 00:00**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024
19.	**HS24080712-19**	**Trip Blank**	**Water**	**08 Aug 2024 00:00**
	8260 BTEX; Lvl II, MDL report, mg/L units; CRAEF EFWEDD			26 Aug 2024

Comments: Please analyze for the analysis listed above.
Send report to the emails shown above.
Analyze for 8260 BTEX

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

Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Cooler ID(s): _____ Temperature(s): _____

ALS Group, USA
Holland, Michigan

Sample Receipt Checklist

Client Name: **ALS - HOUSTON** Date/Time Received: **16-Aug-24 09:00**

Work Order: **24080614** Received by: **JD**

Checklist completed by Jason Delinger (eSignature) 16-Aug-24 (Date) Reviewed by: Chelsey Cook (eSignature) 21-Aug-24 (Date)

Matrices: Water
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	1.6/2.6 c	ir3	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	8/16/2024 3:59:31 PM		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1

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

November 13, 2024

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

Work Order: **HS24110467**

Laboratory Results for: **Darr Angell No.4 SRS #2001-10876**

Dear Chris Knight,

ALS Environmental received 17 sample(s) on Nov 08, 2024 for the analysis presented in the following report.

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

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

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

Sincerely,

Alexis Dorenbosch

Generated By: DAYNA.FISHER
Alexis Dorenbosch

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Work Order: HS24110467

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24110467-01	12604524-MW-1R-20241106	Groundwater		06-Nov-2024 12:10	08-Nov-2024 09:20	☐
HS24110467-02	12604524-MW-2R-20241106	Groundwater		06-Nov-2024 13:24	08-Nov-2024 09:20	☐
HS24110467-03	12604524-MW-3R-20241106	Groundwater		06-Nov-2024 13:34	08-Nov-2024 09:20	☐
HS24110467-04	12604524-MW-4R-20241106	Groundwater		06-Nov-2024 13:47	08-Nov-2024 09:20	☐
HS24110467-05	12604524-MW-5R-20241106	Groundwater		06-Nov-2024 14:15	08-Nov-2024 09:20	☐
HS24110467-06	12604524-MW-7R-20241106	Groundwater		06-Nov-2024 14:35	08-Nov-2024 09:20	☐
HS24110467-07	12604524-MW-8R-20241106	Groundwater		06-Nov-2024 15:00	08-Nov-2024 09:20	☐
HS24110467-08	12604524-MW-10R-20241106	Groundwater		06-Nov-2024 11:11	08-Nov-2024 09:20	☐
HS24110467-09	12604524-MW-11R-20241106	Groundwater		06-Nov-2024 12:27	08-Nov-2024 09:20	☐
HS24110467-10	12604524-MW-13R-20241106	Groundwater		06-Nov-2024 13:00	08-Nov-2024 09:20	☐
HS24110467-11	12604524-RW-14-20241106	Groundwater		06-Nov-2024 13:35	08-Nov-2024 09:20	☐
HS24110467-12	12604524-RW-15-20241106	Groundwater		06-Nov-2024 14:10	08-Nov-2024 09:20	☐
HS24110467-13	12604524-RW-5R-20241106	Groundwater		06-Nov-2024 14:40	08-Nov-2024 09:20	☐
HS24110467-14	12604524-DUP-01-20241106	Groundwater		06-Nov-2024 00:00	08-Nov-2024 09:20	☐
HS24110467-15	12604524-DUP-02-20241106	Groundwater		06-Nov-2024 00:00	08-Nov-2024 09:20	☐
HS24110467-16	TRIP BLANK	Water		06-Nov-2024 00:00	08-Nov-2024 09:20	☐
HS24110467-17	12604524-RW-19-20241106	Groundwater		06-Nov-2024 15:50	08-Nov-2024 09:20	☐

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston **CASE NARRATIVE**
Project: Darr Angell No.4 SRS #2001-10876
Work Order: HS24110467

GCMS Volatiles by Method SW8260

Batch ID: R499684

Sample ID: VLCSW-241111

- Insufficient sample received to perform MS/MSD. An LCS/LCSD was performed as batch quality control.

Batch ID: R499676

Sample ID: VLCSW-241111

- Insufficient sample received to perform MS/MSD. An LCS/LCSD was performed as batch quality control.

Batch ID: R499675

Sample ID: HS24110466-02MS

- MS and MSD are for an unrelated sample

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-MW-1R-20241106
Collection Date: 06-Nov-2024 12:10

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-01
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: DP
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 11:46
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 11:46
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 11:46
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 11:46
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*12-Nov-2024 11:46*
Surr: 4-Bromofluorobenzene	*99.2*		*77-113*	*%REC*	*1*	*12-Nov-2024 11:46*
Surr: Dibromofluoromethane	*106*		*77-123*	*%REC*	*1*	*12-Nov-2024 11:46*
Surr: Toluene-d8	*99.7*		*82-127*	*%REC*	*1*	*12-Nov-2024 11:46*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-MW-2R-20241106
Collection Date: 06-Nov-2024 13:24

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: DP
Benzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 23:05
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 23:05
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 23:05
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 23:05
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*11-Nov-2024 23:05*
Surr: 4-Bromofluorobenzene	*97.1*		*77-113*	*%REC*	*1*	*11-Nov-2024 23:05*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*11-Nov-2024 23:05*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*11-Nov-2024 23:05*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-MW-3R-20241106
Collection Date: 06-Nov-2024 13:34

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: DP
Benzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 23:26
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 23:26
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 23:26
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 23:26
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*11-Nov-2024 23:26*
Surr: 4-Bromofluorobenzene	*97.1*		*77-113*	*%REC*	*1*	*11-Nov-2024 23:26*
Surr: Dibromofluoromethane	*106*		*77-123*	*%REC*	*1*	*11-Nov-2024 23:26*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*11-Nov-2024 23:26*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-MW-4R-20241106
Collection Date: 06-Nov-2024 13:47

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: DP
Benzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 23:47
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 23:47
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 23:47
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 23:47
Surr: 1,2-Dichloroethane-d4	*108*		*70-126*	*%REC*	*1*	*11-Nov-2024 23:47*
Surr: 4-Bromofluorobenzene	*98.3*		*77-113*	*%REC*	*1*	*11-Nov-2024 23:47*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*11-Nov-2024 23:47*
Surr: Toluene-d8	*103*		*82-127*	*%REC*	*1*	*11-Nov-2024 23:47*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-MW-5R-20241106
Collection Date: 06-Nov-2024 14:15

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: DP
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 00:09
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 00:09
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 00:09
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 00:09
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*12-Nov-2024 00:09*
Surr: 4-Bromofluorobenzene	*98.1*		*77-113*	*%REC*	*1*	*12-Nov-2024 00:09*
Surr: Dibromofluoromethane	*104*		*77-123*	*%REC*	*1*	*12-Nov-2024 00:09*
Surr: Toluene-d8	*98.7*		*82-127*	*%REC*	*1*	*12-Nov-2024 00:09*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-MW-7R-20241106
Collection Date: 06-Nov-2024 14:35

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: TS
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 05:03
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 05:03
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 05:03
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 05:03
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*12-Nov-2024 05:03*
Surr: 4-Bromofluorobenzene	*108*		*77-113*	*%REC*	*1*	*12-Nov-2024 05:03*
Surr: Dibromofluoromethane	*94.4*		*77-123*	*%REC*	*1*	*12-Nov-2024 05:03*
Surr: Toluene-d8	*106*		*82-127*	*%REC*	*1*	*12-Nov-2024 05:03*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-MW-8R-20241106
Collection Date: 06-Nov-2024 15:00

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: TS
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 05:25
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 05:25
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 05:25
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 05:25
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*12-Nov-2024 05:25*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*12-Nov-2024 05:25*
Surr: Dibromofluoromethane	*93.3*		*77-123*	*%REC*	*1*	*12-Nov-2024 05:25*
Surr: Toluene-d8	*105*		*82-127*	*%REC*	*1*	*12-Nov-2024 05:25*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-MW-10R-20241106
Collection Date: 06-Nov-2024 11:11

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: TS
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 05:46
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 05:46
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 05:46
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 05:46
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*12-Nov-2024 05:46*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*12-Nov-2024 05:46*
Surr: Dibromofluoromethane	*92.3*		*77-123*	*%REC*	*1*	*12-Nov-2024 05:46*
Surr: Toluene-d8	*105*		*82-127*	*%REC*	*1*	*12-Nov-2024 05:46*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-MW-11R-20241106
Collection Date: 06-Nov-2024 12:27

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: TS
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 06:08
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 06:08
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 06:08
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 06:08
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*12-Nov-2024 06:08*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*12-Nov-2024 06:08*
Surr: Dibromofluoromethane	*94.2*		*77-123*	*%REC*	*1*	*12-Nov-2024 06:08*
Surr: Toluene-d8	*106*		*82-127*	*%REC*	*1*	*12-Nov-2024 06:08*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-MW-13R-20241106
Collection Date: 06-Nov-2024 13:00

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-10
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: TS
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 06:29
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 06:29
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 06:29
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 06:29
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*12-Nov-2024 06:29*
Surr: 4-Bromofluorobenzene	*110*		*77-113*	*%REC*	*1*	*12-Nov-2024 06:29*
Surr: Dibromofluoromethane	*94.2*		*77-123*	*%REC*	*1*	*12-Nov-2024 06:29*
Surr: Toluene-d8	*107*		*82-127*	*%REC*	*1*	*12-Nov-2024 06:29*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-RW-14-20241106
Collection Date: 06-Nov-2024 13:35

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-11
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: TS
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 06:51
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 06:51
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 06:51
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 06:51
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*12-Nov-2024 06:51*
Surr: 4-Bromofluorobenzene	*107*		*77-113*	*%REC*	*1*	*12-Nov-2024 06:51*
Surr: Dibromofluoromethane	*95.4*		*77-123*	*%REC*	*1*	*12-Nov-2024 06:51*
Surr: Toluene-d8	*106*		*82-127*	*%REC*	*1*	*12-Nov-2024 06:51*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-RW-15-20241106
Collection Date: 06-Nov-2024 14:10

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: TS
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 07:13
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 07:13
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 07:13
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 07:13
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*12-Nov-2024 07:13*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*12-Nov-2024 07:13*
Surr: Dibromofluoromethane	*94.4*		*77-123*	*%REC*	*1*	*12-Nov-2024 07:13*
Surr: Toluene-d8	*107*		*82-127*	*%REC*	*1*	*12-Nov-2024 07:13*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-RW-5R-20241106
Collection Date: 06-Nov-2024 14:40

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-13
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: DP
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 12:08
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 12:08
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 12:08
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 12:08
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*12-Nov-2024 12:08*
Surr: 4-Bromofluorobenzene	*98.1*		*77-113*	*%REC*	*1*	*12-Nov-2024 12:08*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*12-Nov-2024 12:08*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*1*	*12-Nov-2024 12:08*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-DUP-01-20241106
Collection Date: 06-Nov-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: DP
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 12:29
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 12:29
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 12:29
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 12:29
Surr: 1,2-Dichloroethane-d4	*103*		*70-126*	*%REC*	*1*	*12-Nov-2024 12:29*
Surr: 4-Bromofluorobenzene	*98.9*		*77-113*	*%REC*	*1*	*12-Nov-2024 12:29*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*12-Nov-2024 12:29*
Surr: Toluene-d8	*98.5*		*82-127*	*%REC*	*1*	*12-Nov-2024 12:29*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-DUP-02-20241106
Collection Date: 06-Nov-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-15
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: DP
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 12:50
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 12:50
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 12:50
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 12:50
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*12-Nov-2024 12:50*
Surr: 4-Bromofluorobenzene	*101*		*77-113*	*%REC*	*1*	*12-Nov-2024 12:50*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*12-Nov-2024 12:50*
Surr: Toluene-d8	*96.8*		*82-127*	*%REC*	*1*	*12-Nov-2024 12:50*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: TRIP BLANK
Collection Date: 06-Nov-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-16
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: TS
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 04:41
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 04:41
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 04:41
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 04:41
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*12-Nov-2024 04:41*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*12-Nov-2024 04:41*
Surr: Dibromofluoromethane	*93.5*		*77-123*	*%REC*	*1*	*12-Nov-2024 04:41*
Surr: Toluene-d8	*104*		*82-127*	*%REC*	*1*	*12-Nov-2024 04:41*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
Sample ID: 12604524-RW-19-20241106
Collection Date: 06-Nov-2024 15:50

ANALYTICAL REPORT
WorkOrder:HS24110467
Lab ID:HS24110467-17
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: DP
Benzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 13:11
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 13:11
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 13:11
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 13:11
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*12-Nov-2024 13:11*
Surr: 4-Bromofluorobenzene	*99.0*		*77-113*	*%REC*	*1*	*12-Nov-2024 13:11*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*12-Nov-2024 13:11*
Surr: Toluene-d8	*99.6*		*82-127*	*%REC*	*1*	*12-Nov-2024 13:11*

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

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
WorkOrder: HS24110467

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R499675 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24110467-01	12604524-MW-1R-20241106	06 Nov 2024 12:10			12 Nov 2024 11:46	1
HS24110467-13	12604524-RW-5R-20241106	06 Nov 2024 14:40			12 Nov 2024 12:08	1
HS24110467-14	12604524-DUP-01-20241106	06 Nov 2024 00:00			12 Nov 2024 12:29	1
HS24110467-15	12604524-DUP-02-20241106	06 Nov 2024 00:00			12 Nov 2024 12:50	1
HS24110467-17	12604524-RW-19-20241106	06 Nov 2024 15:50			12 Nov 2024 13:11	1
Batch ID: R499676 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS24110467-16	TRIP BLANK	06 Nov 2024 00:00			12 Nov 2024 04:41	1
Batch ID: R499676 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24110467-06	12604524-MW-7R-20241106	06 Nov 2024 14:35			12 Nov 2024 05:03	1
HS24110467-07	12604524-MW-8R-20241106	06 Nov 2024 15:00			12 Nov 2024 05:25	1
HS24110467-08	12604524-MW-10R-20241106	06 Nov 2024 11:11			12 Nov 2024 05:46	1
HS24110467-09	12604524-MW-11R-20241106	06 Nov 2024 12:27			12 Nov 2024 06:08	1
HS24110467-10	12604524-MW-13R-20241106	06 Nov 2024 13:00			12 Nov 2024 06:29	1
HS24110467-11	12604524-RW-14-20241106	06 Nov 2024 13:35			12 Nov 2024 06:51	1
HS24110467-12	12604524-RW-15-20241106	06 Nov 2024 14:10			12 Nov 2024 07:13	1
Batch ID: R499684 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24110467-02	12604524-MW-2R-20241106	06 Nov 2024 13:24			11 Nov 2024 23:05	1
HS24110467-03	12604524-MW-3R-20241106	06 Nov 2024 13:34			11 Nov 2024 23:26	1
HS24110467-04	12604524-MW-4R-20241106	06 Nov 2024 13:47			11 Nov 2024 23:47	1
HS24110467-05	12604524-MW-5R-20241106	06 Nov 2024 14:15			12 Nov 2024 00:09	1

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
WorkOrder: HS24110467

QC BATCH REPORT

Batch ID: R499675 (0) **Instrument: VOA6** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-241112** Units: **ug/L** Analysis Date: **12-Nov-2024 10:21**
Client ID: Run ID: **VOA6_499675** SeqNo: **8517375** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	< 1.0	1.0								
Ethylbenzene	< 1.0	1.0								
Toluene	< 1.0	1.0								
Xylenes, Total	< 3.0	3.0								
Surr: 1,2-Dichloroethane-d4	*53.26*	*1.0*	*50*	*0*	*107*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*51.36*	*1.0*	*50*	*0*	*103*	*77 - 113*				
Surr: Dibromofluoromethane	*52.2*	*1.0*	*50*	*0*	*104*	*73 - 126*				
Surr: Toluene-d8	*48.5*	*1.0*	*50*	*0*	*97.0*	*81 - 120*				

LCS Sample ID: **VLCSW-241112** Units: **ug/L** Analysis Date: **12-Nov-2024 09:38**
Client ID: Run ID: **VOA6_499675** SeqNo: **8520433** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.54	1.0	20	0	97.7	74 - 120				
Ethylbenzene	19.61	1.0	20	0	98.0	77 - 117				
Toluene	19.35	1.0	20	0	96.7	77 - 118				
Xylenes, Total	58.45	3.0	60	0	97.4	75 - 122				
Surr: 1,2-Dichloroethane-d4	*53.67*	*1.0*	*50*	*0*	*107*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*48.71*	*1.0*	*50*	*0*	*97.4*	*77 - 113*				
Surr: Dibromofluoromethane	*54.31*	*1.0*	*50*	*0*	*109*	*73 - 126*				
Surr: Toluene-d8	*49.46*	*1.0*	*50*	*0*	*98.9*	*81 - 120*				

MS Sample ID: **HS24110466-02MS** Units: **ug/L** Analysis Date: **12-Nov-2024 15:40**
Client ID: Run ID: **VOA6_499675** SeqNo: **8520435** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	13.29	1.0	20	0	66.4	70 - 127				S
Ethylbenzene	13.1	1.0	20	0	65.5	70 - 124				S
Toluene	13.11	1.0	20	0	65.6	70 - 123				S
Xylenes, Total	38.81	3.0	60	0	64.7	70 - 130				S
Surr: 1,2-Dichloroethane-d4	*52.26*	*1.0*	*50*	*0*	*105*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*49.09*	*1.0*	*50*	*0*	*98.2*	*77 - 113*				
Surr: Dibromofluoromethane	*52.43*	*1.0*	*50*	*0*	*105*	*77 - 123*				
Surr: Toluene-d8	*49.97*	*1.0*	*50*	*0*	*99.9*	*82 - 127*				

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
WorkOrder: HS24110467

QC BATCH REPORT

Batch ID: R499675 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD Sample ID: **HS24110466-02MSD** Units: **ug/L** Analysis Date: **12-Nov-2024 16:02**
Client ID: Run ID: **VOA6_499675** SeqNo: **8520436** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	12.62	1.0	20	0	63.1	70 - 127	13.29	5.17	20	S
Ethylbenzene	12.63	1.0	20	0	63.1	70 - 124	13.1	3.67	20	S
Toluene	12.39	1.0	20	0	61.9	70 - 123	13.11	5.68	20	S
Xylenes, Total	36.75	3.0	60	0	61.2	70 - 130	38.81	5.45	20	S
Surr: 1,2-Dichloroethane-d4	*51.85*	*1.0*	*50*	*0*	*104*	*70 - 126*	*52.26*	*0.787*	*20*	
Surr: 4-Bromofluorobenzene	*47.95*	*1.0*	*50*	*0*	*95.9*	*77 - 113*	*49.09*	*2.34*	*20*	
Surr: Dibromofluoromethane	*52.3*	*1.0*	*50*	*0*	*105*	*77 - 123*	*52.43*	*0.249*	*20*	
Surr: Toluene-d8	*50.22*	*1.0*	*50*	*0*	*100*	*82 - 127*	*49.97*	*0.506*	*20*	

The following samples were analyzed in this batch: HS24110467-01 HS24110467-13 HS24110467-14 HS24110467-15 HS24110467-17

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
WorkOrder: HS24110467

QC BATCH REPORT

Batch ID: R499676 (0) **Instrument: VOA11** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-241111** Units: **ug/L** Analysis Date: **11-Nov-2024 23:24**
Client ID: Run ID: **VOA11_499676** SeqNo: **8517380** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	< 1.0	1.0								
Ethylbenzene	< 1.0	1.0								
Toluene	< 1.0	1.0								
Xylenes, Total	< 3.0	3.0								
Surr: 1,2-Dichloroethane-d4	*52.83*	*1.0*	*50*	*0*	*106*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*55.81*	*1.0*	*50*	*0*	*112*	*77 - 113*				
Surr: Dibromofluoromethane	*47.55*	*1.0*	*50*	*0*	*95.1*	*73 - 126*				
Surr: Toluene-d8	*53.59*	*1.0*	*50*	*0*	*107*	*81 - 120*				

LCS Sample ID: **VLCSW-241111** Units: **ug/L** Analysis Date: **11-Nov-2024 22:19**
Client ID: Run ID: **VOA11_499676** SeqNo: **8517378** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.33	1.0	20	0	91.6	74 - 120				
Ethylbenzene	17.87	1.0	20	0	89.4	77 - 117				
Toluene	18.27	1.0	20	0	91.4	77 - 118				
Xylenes, Total	54.31	3.0	60	0	90.5	75 - 122				
Surr: 1,2-Dichloroethane-d4	*50.47*	*1.0*	*50*	*0*	*101*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*54.38*	*1.0*	*50*	*0*	*109*	*77 - 113*				
Surr: Dibromofluoromethane	*47.43*	*1.0*	*50*	*0*	*94.9*	*73 - 126*				
Surr: Toluene-d8	*53.38*	*1.0*	*50*	*0*	*107*	*81 - 120*				

LCSD Sample ID: **VLCSDW-241111** Units: **ug/L** Analysis Date: **11-Nov-2024 22:41**
Client ID: Run ID: **VOA11_499676** SeqNo: **8517379** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	17.42	1.0	20	0	87.1	74 - 120	18.33	5.11	20	
Ethylbenzene	17.24	1.0	20	0	86.2	77 - 117	17.87	3.63	20	
Toluene	17.57	1.0	20	0	87.8	77 - 118	18.27	3.95	20	
Xylenes, Total	52.51	3.0	60	0	87.5	75 - 122	54.31	3.37	20	
Surr: 1,2-Dichloroethane-d4	*49.71*	*1.0*	*50*	*0*	*99.4*	*70 - 123*	*50.47*	*1.53*	*20*	
Surr: 4-Bromofluorobenzene	*50.36*	*1.0*	*50*	*0*	*101*	*77 - 113*	*54.38*	*7.67*	*20*	
Surr: Dibromofluoromethane	*46.22*	*1.0*	*50*	*0*	*92.4*	*73 - 126*	*47.43*	*2.58*	*20*	
Surr: Toluene-d8	*52.69*	*1.0*	*50*	*0*	*105*	*81 - 120*	*53.38*	*1.3*	*20*	

ALS Houston, US Date: 13-Nov-24

Client:	GHDHouston
Project:	Darr Angell No.4 SRS #2001-10876
WorkOrder:	HS24110467

QC BATCH REPORT

Batch ID: R499676 (0) **Instrument:** VOA11 **Method:** LOW LEVEL VOLATILES BY SW8260C

The following samples were analyzed in this batch:

HS24110467-06	HS24110467-07	HS24110467-08	HS24110467-09
HS24110467-10	HS24110467-11	HS24110467-12	HS24110467-16

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
WorkOrder: HS24110467

QC BATCH REPORT

Batch ID: R499684 (0) **Instrument: VOA6** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-241111** Units: **ug/L** Analysis Date: **11-Nov-2024 17:03**
Client ID: Run ID: **VOA6_499684** SeqNo: **8517512** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	< 1.0	1.0								
Ethylbenzene	< 1.0	1.0								
Toluene	< 1.0	1.0								
Xylenes, Total	< 3.0	3.0								
Surr: 1,2-Dichloroethane-d4	*53.51*	*1.0*	*50*	*0*	*107*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*49.41*	*1.0*	*50*	*0*	*98.8*	*77 - 113*				
Surr: Dibromofluoromethane	*53.05*	*1.0*	*50*	*0*	*106*	*73 - 126*				
Surr: Toluene-d8	*49.83*	*1.0*	*50*	*0*	*99.7*	*81 - 120*				

LCS Sample ID: **VLCSW-241111** Units: **ug/L** Analysis Date: **11-Nov-2024 15:59**
Client ID: Run ID: **VOA6_499684** SeqNo: **8517510** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	17.62	1.0	20	0	88.1	74 - 120				
Ethylbenzene	18.55	1.0	20	0	92.7	77 - 117				
Toluene	18.2	1.0	20	0	91.0	77 - 118				
Xylenes, Total	54.1	3.0	60	0	90.2	75 - 122				
Surr: 1,2-Dichloroethane-d4	*53.41*	*1.0*	*50*	*0*	*107*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*49.65*	*1.0*	*50*	*0*	*99.3*	*77 - 113*				
Surr: Dibromofluoromethane	*52.08*	*1.0*	*50*	*0*	*104*	*73 - 126*				
Surr: Toluene-d8	*50.77*	*1.0*	*50*	*0*	*102*	*81 - 120*				

LCSD Sample ID: **VLCSDW-241111** Units: **ug/L** Analysis Date: **11-Nov-2024 16:20**
Client ID: Run ID: **VOA6_499684** SeqNo: **8517511** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.89	1.0	20	0	99.5	74 - 120	17.62	12.1	20	
Ethylbenzene	19.65	1.0	20	0	98.3	77 - 117	18.55	5.79	20	
Toluene	19.53	1.0	20	0	97.7	77 - 118	18.2	7.04	20	
Xylenes, Total	57.8	3.0	60	0	96.3	75 - 122	54.1	6.61	20	
Surr: 1,2-Dichloroethane-d4	*51.89*	*1.0*	*50*	*0*	*104*	*70 - 123*	*53.41*	*2.88*	*20*	
Surr: 4-Bromofluorobenzene	*51.32*	*1.0*	*50*	*0*	*103*	*77 - 113*	*49.65*	*3.3*	*20*	
Surr: Dibromofluoromethane	*51.37*	*1.0*	*50*	*0*	*103*	*73 - 126*	*52.08*	*1.37*	*20*	
Surr: Toluene-d8	*48.42*	*1.0*	*50*	*0*	*96.8*	*81 - 120*	*50.77*	*4.73*	*20*	

ALS Houston, US Date: 13-Nov-24

Client:	GHDHouston
Project:	Darr Angell No.4 SRS #2001-10876
WorkOrder:	HS24110467

QC BATCH REPORT

Batch ID:	**R499684 (0)**	**Instrument:**	**VOA6**	**Method:**	**LOW LEVEL VOLATILES BY SW8260C**

The following samples were analyzed in this batch:	HS24110467-02	HS24110467-03	HS24110467-04	HS24110467-05

ALS Houston, US Date: 13-Nov-24

Client: GHDHouston
Project: Darr Angell No.4 SRS #2001-10876
WorkOrder: **HS24110467**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

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

Unit Reported	Description
mg/L	Milligrams per Liter

CERTIFICATIONS,ACCREDITATIONS & LICENSES

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

ALS Houston, US Date: 13-Nov-24

Sample Receipt Checklist

Work Order ID: HS24110467 **Date/Time Received:** 08-Nov-2024 09:20

Client Name: GHDHouston **Received by:** Nilesh D. Ranchod

Completed By:	/S/ Ruben Estrada-Jr	09-Nov-2024 13:22	**Reviewed by:**	/S/ Alexis Dorenbosch	11-Nov-2024 13:18
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **WATER** Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:329770/329769
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	1.3UC/1.3C	IR34
Cooler(s)/Kit(s):	52526	
Date/Time sample(s) sent to storage:	11/9/24 12:00	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070

Chain of Custody Form

Page 1 of 2

COC ID: 329770

HS24110467

GHDHouston

12604521 - Darr Angell No.4

, WV

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	SSOW-12604521-2023.1-2024-01	Project Name	Darr Angell No.4 SRS #2001-10876	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	SRS #2001-10876	B	
Company Name	GHDHouston	Bill To Company	Plains All American Pipeline, LP	C	
Send Report To	Chris Knight	Invoice Attn	Karolanne Hudgens	D	
Address	11451 Katy Freeway Suite 400	Address	c/o ENV-00, Accounts Payable P.O. Box 4648	E	
				F	
City/State/Zip	Houston, TX 77079	City/State/Zip	Houston TX 77210-4648	G	
Phone		Phone	(713) 646-4610	H	
Fax		Fax	(713) 646-4199	I	
e-Mail Address	Christopher.Knight@ghd.com	e-Mail Address	Karolanne.hudgens@plains.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12604524-MW-1R-20241106	11-06-24	12:10	GW	Ice	3	X										
2	12604524-MW-2R-20241106	11-06-24	13:24	GW	Ice	3	X										
3	12604524-MW-3R-20241106	11-06-24	13:34	GW	Ice	3	X										
4	12604524-MW-4R-20241106	11-06-24	13:47	GW	Ice	3	X										
5	12604524-MW-5R-20241106	11-06-24	14:15	GW	Ice	3	X										
6	12604524-MW-7R-20241106	11-06-24	14:35	GW	Ice	3	X										
7	12604524-MW-8R-20241106	11-06-24	15:00	GW	Ice	3	X										
8	12604524-MW-10R-20241106	11-06-24	11:11	GW	Ice	3	X										
9	12604524-MW-11R-20241106	11-06-24	12:27	GW	Ice	3	X										
10	12604524-MW-13R-20241106	11-06-24	13:00	GW	Ice	3	X										

Sampler(s) Please Print & Sign: Jairo Frias, Krystle Fitzwater KF

Shipment Method:

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other

Results Due Date:

Relinquished by:	Date: 11-7-24	Time: 15:00	Received by:	Notes: 12604524-Darr Angell No.4
Relinquished by:	Date: 11/8/24	Time: 09:20	Received by (Laboratory):	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.
52566	1.3

QC Package: (Check One Box Below)

- [X] Level II Std. QC
- [ ] Level II Std. QC/Raw Data
- [ ] Level IV SW846/CLP
- [ ] Other
- [ ] TRRP Checklist
- [ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

IRW 3-4

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

Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070

Chain of Custody Form

Page 2 of 2

COC ID: 329769

HS24110467

GHDHouston

12604521 - Darr Angell No.4

WV

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	SSOW-12604521-2023.1-2024-01	Project Name	Darr Angell No.4 SRS #2001-10876	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	SRS #2001-10876	B	
Company Name	GHDHouston	Bill To Company	Plains All American Pipeline, LP	C	
Send Report To	Chris Knight	Invoice Attn	Karolanne Hudgens	D	
Address	11451 Katy Freeway Suite 400	Address	c/o ENV-00, Accounts Payable P.O. Box 4648	E F	
City/State/Zip	Houston, TX 77079	City/State/Zip	Houston TX 77210-4648	G	
Phone		Phone	(713) 646-4610	H	
Fax		Fax	(713) 646-4199	I	
e-Mail Address	Christopher.Knight@ghd.com	e-Mail Address	Karolanne.hudgens@plains.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12604524-RW-14-20241106	11-06-24	13:35	GW	Ice	3	X										
2	12604524-RW-15-20241106	11-06-24	14:10	GW	Ice	3	X										
3	12604524-RW-5R-20241106	11-06-24	14:40	GW	Ice	3	X										
4	12604524-Dup-01-20241106	11-06-24	—	GW	Ice	3	X										
5	12604524-Dup-02-20241106	11-06-24	—	GW	Ice	3	X										
6	Trip Blank	—	—	—	Ice	2	X										
7	12604524-RW-19-20241106	11-06-24	15:50	GW	Ice	3	X										
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Jaro Flores, Krystle Fitzwater KB

Shipment Method:

Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hou [ ] Other

Results Due Date:

Relinquished by:		Date: 11-7-24	Time: 18:00	Received by:	
Relinquished by:		Date: 11/5/24	Time: 09.20	Received by (Laboratory):	
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):	

Notes: 12604524-Darr Angell No.4

Cooler ID	Cooler Temp.
5.C66	

QC Package: (Check One Box Below)

- [X] Level II Std QC
- [ ] Level III Std QC/Raw Data
- [ ] Level IV SW846/CLP
- [ ] Other
- [ ] TRRP Checklist
- [ ] TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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

ORIGIN ID:SGRA (713) 734-3090
JAIRO FLORES
GHD
2135 S LOOP 250 WEST

MIDLAND, TX 79703
UNITED STATES US

SHIP DATE: 28OCT24
ACTWGT: 1.00 LB MAN
CAD: 0221247/CAFE3855

TO SAMPLE RECEIVING
ALS GROUP USA,CORP
10450 STANCLIFF ROAD
SUITE 210
HOUSTON TX 77099
(281) 530-5656
REF: DENTON STATION - BO104137 - AD
RMA:

FedEx Express

FedEx
TRK# 0221 7386 7928 4137

FRI - 08 NOV 10:30A
PRIORITY OVERNIGHT

AB SGRA

77099
TX-US IAH

EXP 10/25

CUSTODY SEAL
Date: 11-7-24 Time: 18:18
Name: Jairo F.
Company: GHD
Seal Broken By:
Date:

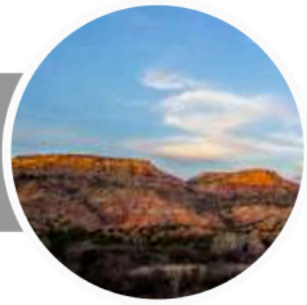
CUSTODY S
Date: 11-7-24 Time:
Name: Jairo F.
Company: GHD

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

11/9/24

Appendix C

MDPE Reports



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TALON LPE

Mobile Dual Phase Extraction (MDPE) Recovery Report

Plains All American Pipeline - Darr Angell #4
Lovington, New Mexico
September 11-13, 2024 MDPE Event

Prepared For:
GHD Services, Inc.
2135 S Loop 250 W
Midland, Texas 79703

Prepared By:
Talon/LPE, Ltd.
477 PR 4181
Decatur, Texas 76234

Distribution:
Copy 1 - GHD Services, Inc. - Midland, Texas

September 25, 2024

RE: Mobile Dual Phase Extraction (MDPE)
MDPE Event with Off-Gas Abatement at:
Plains All American Pipeline - Darr Angell #4
Lovington, New Mexico

The following summarizes the Mobile Dual Phase Extraction (MDPE) event conducted by Talon/ LPE, Ltd. at the Plains All American Pipeline - Darr Angell #4 site in Lovington, New Mexico. The event took place from September 11-13, 2024, and was aimed at extracting and destroying fuel hydrocarbons present in both liquid and vapor phases from the subsurface.

The MDPE system used in this project incorporated a modified Internal Combustion Engine (ICE) with a high vacuum knockout tank. Five (5) recovery wells (RW-3R, RW-9, RW-10R, RW-16, and RW-17) were selected based on site-specific conditions to maximize the recovery of hydrocarbons. Over the 48-hour extraction period, the ICE operated at an average of 1,800 revolutions per minute (RPM), ensuring efficient performance. Built-in programmable logic controllers, temperature and flow meters provided real-time monitoring, with data recorded every 15 minutes to track vapor recovery in British thermal units (BTU) per hour.

Prior to and immediately following the events, the recovery wells were gauged for liquid phase separated hydrocarbons (PSH) thickness levels. Depth to PSH ranges were measured in feet below the top of casing and are included within the attachments of this report.

During the course of the event, a total of 51.5 gallons of hydrocarbons were successfully extracted from the subsurface. This included approximately 25.0 gallons of PSH and 26.5 gallons recovered as vapor phase off-gas. In addition, a total of 1,534.0 gallons of hydrocarbon impacted groundwater were generated during the event. The extracted fluids were temporarily stored on-site before being transferred to an authorized disposal facility.

To further assess the types and concentrations of hydrocarbons recovered, three (3) influent air samples were collected and analyzed according to GPA 2261M standards for Total Gas Analysis. Hydrocarbon concentrations in the influent samples ranged from 12,890 to 20,300 parts per million by volume (ppmv). A detailed laboratory analytical report has been included for your review.

In summary, the MDPE event effectively removed 51.5 gallons of hydrocarbons and 1,534.0 gallons of impacted groundwater, contributing to the site's ongoing environmental remediation efforts while demonstrating a hydrocarbon destruction efficiency greater than 99.0%.

We greatly appreciate the opportunity to be of service to you on this project. If we can be of further assistance, please contact Talon/LPE at (940) 626-8088.

Respectfully Submitted,

John Hanley
Senior Project Manager
Talon/LPE, Ltd.

The following information is included as attachments to this report:

ATTACHMENT I TABLES

TABLE 1 – Cumulative Event Totals
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ATTACHMENT I

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TABLE 1 - Cumulative Event Totals

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - September 11-13, 2024

Duration (hours)	Date	Well Connections	LNAPL Recovery (gallons)	Vapor Recovery (gallons)	Total NAPL Recovery (gallons)	Average Well Flows (scfm)	Average Well Vacuum (inH_2O)	Groundwater Recovery (gallons)
Engine 1 48 hours	September 11-13, 2024	**RW-3R, 9, 10R, 16, 17**	25.0	26.5	51.5	24.1	173.4	1,534.0
48 Hours		**Totals**	**25.0**	**26.5**	**51.5**	**24.1**	**173.4**	**1,534.0**

TABLE 2 - Controller Datapoint Summary

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - September 11-13, 2024
Engine 1

Well Connections	Time Stamp	Air Flow (scfm)	Fuel Flow (scfm)	Well Flow (scfm)	Applied Vac (inH_2O)	Energy (BTU/Hr)	Eng Speed (RPM)	Vapor Recovery (gallons)
RW-3R / RW-17	9/11/2024 9:32	60	1.667	0	0	0	1806	0.0
	9/11/2024 9:47	38	1.6	22	4.3	10000	1796	0.0
	9/11/2024 10:01	52	1.333	17	178.55	96000	1815	0.2
	9/11/2024 10:16	52	0.733	24	146.28	230000	1809	0.7
	9/11/2024 10:31	53	0.733	24	122.62	226000	1799	1.2
	9/11/2024 10:46	51	1.333	21	148.43	128000	1814	1.4
	9/11/2024 11:01	54	1.667	23	152.74	86000	1803	1.6
	9/11/2024 11:16	48	1.733	26	126.92	72000	1810	1.8
	9/11/2024 11:31	48	1.733	27	131.22	72000	1787	1.9
	9/11/2024 11:46	46	1.733	30	161.34	72000	1809	2.1
	9/11/2024 12:01	45	1.8	30	159.19	68000	1781	2.2
	9/11/2024 12:16	45	1.8	30	154.89	66000	1773	2.3
	9/11/2024 12:31	46	1.8	30	152.74	70000	1812	2.5
	9/11/2024 12:46	46	1.8	29	152.74	68000	1802	2.6
	9/11/2024 13:01	46	1.8	29	148.43	70000	1821	2.8
	9/11/2024 13:16	45	1.8	29	150.58	68000	1808	2.9
	9/11/2024 13:31	45	1.8	29	150.58	68000	1790	3.1
	9/11/2024 13:46	46	1.8	29	146.28	70000	1788	3.2
	9/11/2024 14:01	46	1.8	29	148.43	70000	1785	3.4
	9/11/2024 14:16	47	1.733	29	148.43	72000	1810	3.5
	9/11/2024 14:31	46	1.8	29	150.58	70000	1792	3.7
	9/11/2024 14:46	46	1.8	29	148.43	70000	1809	3.8
	9/11/2024 15:01	46	1.8	29	148.43	70000	1774	3.9
	9/11/2024 15:16	47	1.8	29	148.43	70000	1796	4.1
	9/11/2024 15:31	47	1.733	28	150.58	72000	1782	4.2
	9/11/2024 15:46	47	1.8	29	148.43	72000	1810	4.4
	9/11/2024 16:01	45	1.733	29	150.58	72000	1809	4.5
	9/11/2024 16:16	46	1.8	29	154.89	70000	1782	4.7
	9/11/2024 16:31	46	1.8	29	154.89	70000	1774	4.8
	9/11/2024 16:46	46	1.8	29	152.74	72000	1786	5.0
	9/11/2024 17:01	46	1.8	29	154.89	72000	1832	5.1
	9/11/2024 17:15	45	1.733	29	159.19	72000	1812	5.3
	9/11/2024 17:30	45	1.733	29	159.19	70000	1809	5.4
	9/11/2024 17:45	45	1.733	29	163.49	72000	1820	5.6
	9/11/2024 18:00	44	1.8	30	165.64	70000	1795	5.7
	9/11/2024 18:15	44	1.733	30	165.64	72000	1770	5.9
	9/11/2024 18:30	44	1.733	30	167.79	70000	1780	6.0
	9/11/2024 18:45	45	1.8	30	169.94	68000	1799	6.2
	9/11/2024 19:00	43	1.8	30	172.1	66000	1794	6.3
	9/11/2024 19:15	43	1.8	30	174.25	66000	1819	6.4
	9/11/2024 19:30	43	1.8	30	178.55	68000	1797	6.6
	9/11/2024 19:45	44	1.8	30	176.4	66000	1800	6.7
	9/11/2024 20:00	43	1.733	31	180.7	68000	1818	6.9
	9/11/2024 20:15	43	1.8	31	180.7	68000	1787	7.0
	9/11/2024 20:30	41	1.8	31	185	66000	1817	7.1
	9/11/2024 20:45	43	1.733	31	182.85	68000	1813	7.3
	9/11/2024 21:00	42	1.8	31	185	66000	1813	7.4
	9/11/2024 21:15	43	1.733	31	182.85	66000	1833	7.6
	9/11/2024 21:30	43	1.8	31	185	68000	1799	7.7
	9/11/2024 21:45	42	1.8	31	189.31	66000	1760	7.8
	9/11/2024 22:00	44	1.8	31	187.15	66000	1823	8.0
	9/11/2024 22:15	42	1.8	31	189.31	66000	1816	8.1
	9/11/2024 22:30	42	1.733	31	189.31	66000	1775	8.2
	9/11/2024 22:45	42	1.8	31	187.15	66000	1810	8.4
	9/11/2024 23:00	42	1.8	31	191.46	64000	1795	8.5
	9/11/2024 23:15	42	1.8	31	193.61	66000	1770	8.7
	9/11/2024 23:30	42	1.8	31	191.46	64000	1799	8.8
	9/11/2024 23:45	43	1.8	31	191.46	64000	1798	8.9
	9/12/2024 0:00	42	1.8	31	195.76	60000	1789	9.0

TABLE 2 - Controller Datapoint Summary

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - September 11-13, 2024
Engine 1

Well Connections	Time Stamp	Air Flow (scfm)	Fuel Flow (scfm)	Well Flow (scfm)	Applied Vac (inH_2O)	Energy (BTU/Hr)	Eng Speed (RPM)	Vapor Recovery (gallons)
	9/12/2024 0:14	42	1.8	31	195.76	64000	1796	9.2
RW-3R / RW-17	9/12/2024 0:29	41	1.8	32	193.61	64000	1815	9.3
	9/12/2024 0:44	41	1.8	32	195.76	62000	1790	9.4
	9/12/2024 0:59	42	1.8	32	195.76	64000	1823	9.6
	9/12/2024 1:14	41	1.8	32	195.76	64000	1826	9.7
	9/12/2024 1:29	41	1.733	32	197.91	64000	1794	9.8
	9/12/2024 1:44	41	1.8	32	197.91	64000	1786	10.0
	9/12/2024 1:59	41	1.733	32	197.91	66000	1806	10.1
	9/12/2024 2:14	41	1.733	32	197.91	64000	1793	10.2
	9/12/2024 2:29	41	1.733	32	197.91	64000	1827	10.4
	9/12/2024 2:44	41	1.8	32	197.91	62000	1792	10.5
	9/12/2024 2:59	42	1.8	31	197.91	64000	1805	10.6
	9/12/2024 3:14	41	1.733	31	197.91	66000	1821	10.8
	9/12/2024 3:29	42	1.733	31	197.91	66000	1806	10.9
	9/12/2024 3:44	42	1.733	31	197.91	66000	1803	11.1
	9/12/2024 3:59	42	1.733	31	197.91	64000	1773	11.2
	9/12/2024 4:14	42	1.733	31	197.91	64000	1803	11.3
	9/12/2024 4:29	42	1.733	31	197.91	64000	1812	11.5
	9/12/2024 4:44	43	1.733	31	197.91	64000	1791	11.6
	9/12/2024 4:59	42	1.733	31	200.06	62000	1785	11.7
	9/12/2024 5:14	42	1.733	31	197.91	62000	1794	11.8
	9/12/2024 5:29	42	1.733	31	200.06	64000	1807	12.0
	9/12/2024 5:44	42	1.733	31	197.91	62000	1772	12.1
	9/12/2024 5:59	41	1.733	31	200.06	62000	1820	12.2
	9/12/2024 6:14	42	1.733	31	200.06	64000	1797	12.4
	9/12/2024 6:29	41	1.733	31	202.21	62000	1794	12.5
	9/12/2024 6:44	42	1.8	31	200.06	64000	1804	12.6
	9/12/2024 6:59	41	1.733	31	200.06	62000	1776	12.8
	9/12/2024 7:14	41	1.733	31	200.06	62000	1773	12.9
	9/12/2024 7:28	43	1.733	30	197.91	68000	1840	13.0
	9/12/2024 7:43	41	1.733	32	197.91	66000	1808	13.2
	9/12/2024 7:58	24	1.667	44	206.52	40000	1804	13.3
	9/12/2024 8:02	45	1.6	8	0	6000	1695	**13.3**
RW-3R / RW-17	**AVERAGES**		**1.7**	**29.9**	**174.8**	**70,667**		

TABLE 2 - Controller Datapoint Summary

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - September 11-13, 2024
Engine 1

Well Connections	Time Stamp	Air Flow (scfm)	Fuel Flow (scfm)	Well Flow (scfm)	Applied Vac (inH_2O)	Energy (BTU/Hr)	Eng Speed (RPM)	Vapor Recovery (gallons)
RW-10R / RW-16	9/12/2024 9:18	60	1.667	0	0	6000	1821	0.0
	9/12/2024 9:32	49	0.133	19	163.49	234000	1809	0.5
	9/12/2024 9:47	50	1.533	20	176.4	66000	1818	0.6
	9/12/2024 10:02	52	1.667	20	176.4	66000	1821	0.8
	9/12/2024 10:17	54	1.667	20	178.55	70000	1785	0.9
	9/12/2024 10:32	55	1.733	20	178.55	70000	1825	1.1
	9/12/2024 10:47	56	1.733	20	178.55	68000	1817	1.2
	9/12/2024 11:02	54	1.667	19	189.31	66000	1787	1.3
	9/12/2024 11:17	54	1.667	19	193.61	66000	1823	1.5
	9/12/2024 11:32	54	1.733	19	193.61	64000	1787	1.6
	9/12/2024 11:47	54	1.733	20	191.46	68000	1812	1.7
	9/12/2024 12:02	53	1.733	20	193.61	68000	1783	1.9
	9/12/2024 12:17	55	1.733	20	189.31	70000	1790	2.0
	9/12/2024 12:32	53	1.733	20	191.46	70000	1815	2.2
	9/12/2024 12:47	54	1.733	20	191.46	68000	1818	2.3
	9/12/2024 13:02	55	1.733	20	189.31	70000	1788	2.5
	9/12/2024 13:17	56	1.733	20	189.31	70000	1821	2.6
	9/12/2024 13:32	55	1.733	20	187.15	70000	1795	2.8
	9/12/2024 13:47	54	1.733	20	189.31	70000	1800	2.9
	9/12/2024 14:02	56	1.733	20	187.15	70000	1793	3.1
	9/12/2024 14:17	56	1.733	20	187.15	72000	1781	3.2
	9/12/2024 14:32	55	1.733	20	189.31	72000	1790	3.4
	9/12/2024 14:47	56	1.733	20	185	72000	1819	3.5
	9/12/2024 15:02	54	1.733	20	187.15	72000	1822	3.7
	9/12/2024 15:17	56	1.733	20	187.15	70000	1790	3.8
	9/12/2024 15:32	55	1.733	20	187.15	72000	1786	3.9
	9/12/2024 15:47	55	1.733	20	187.15	72000	1780	4.1
	9/12/2024 16:02	56	1.733	20	185	72000	1781	4.2
	9/12/2024 16:17	56	1.733	20	185	72000	1772	4.4
	9/12/2024 16:31	55	1.733	20	185	72000	1805	4.5
	9/12/2024 16:46	55	1.733	20	187.15	72000	1770	4.7
	9/12/2024 17:01	56	1.667	20	187.15	72000	1820	4.8
	9/12/2024 17:16	54	1.667	20	187.15	74000	1824	5.0
	9/12/2024 17:31	55	1.667	20	187.15	74000	1799	5.2
	9/12/2024 17:46	55	1.667	20	187.15	74000	1823	5.3
	9/12/2024 18:01	56	1.733	19	187.15	72000	1803	5.5
	9/12/2024 18:16	55	1.733	20	189.31	70000	1774	5.6
	9/12/2024 18:31	54	1.733	20	191.46	70000	1784	5.8
	9/12/2024 18:46	55	1.733	20	191.46	70000	1811	5.9
	9/12/2024 19:01	54	1.733	20	191.46	66000	1817	6.0
	9/12/2024 19:16	54	1.733	20	195.76	68000	1794	6.2
	9/12/2024 19:31	54	1.733	20	193.61	68000	1815	6.3
	9/12/2024 19:46	54	1.733	20	195.76	66000	1798	6.5
	9/12/2024 20:01	54	1.733	20	195.76	66000	1783	6.6
	9/12/2024 20:16	54	1.733	20	195.76	66000	1817	6.7
	9/12/2024 20:31	53	1.733	20	197.91	66000	1791	6.9
	9/12/2024 20:46	53	1.733	20	197.91	66000	1788	7.0
	9/12/2024 21:01	52	1.733	20	200.06	64000	1823	7.1
	9/12/2024 21:16	54	1.733	20	200.06	64000	1816	7.3
	9/12/2024 21:31	53	1.733	20	200.06	64000	1785	7.4
	9/12/2024 21:46	52	1.733	20	202.21	64000	1824	7.5
	9/12/2024 22:01	53	1.733	20	202.21	62000	1817	7.7
	9/12/2024 22:16	53	1.733	20	202.21	62000	1818	7.8
	9/12/2024 22:31	53	1.733	20	202.21	64000	1774	7.9
	9/12/2024 22:46	53	1.733	20	202.21	62000	1796	8.1
	9/12/2024 23:01	53	1.733	20	202.21	60000	1781	8.2
	9/12/2024 23:16	53	1.733	20	200.06	62000	1785	8.3
	9/12/2024 23:31	53	1.733	20	202.21	60000	1819	8.4
	9/12/2024 23:45	52	1.733	20	202.21	60000	1816	8.6

TABLE 2 - Controller Datapoint Summary

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - September 11-13, 2024
Engine 1

Well Connections	Time Stamp	Air Flow (scfm)	Fuel Flow (scfm)	Well Flow (scfm)	Applied Vac (inH_2O)	Energy (BTU/Hr)	Eng Speed (RPM)	Vapor Recovery (gallons)
	9/13/2024 0:00	52	1.733	20	204.36	56000	1781	8.7
RW-10R / RW-16	9/13/2024 0:15	53	1.733	20	202.21	58000	1793	8.8
	9/13/2024 0:30	52	1.733	20	204.36	58000	1817	8.9
	9/13/2024 0:45	53	1.733	19	202.21	60000	1819	9.0
	9/13/2024 1:00	52	1.733	20	206.52	58000	1787	9.2
	9/13/2024 1:15	52	1.733	20	204.36	58000	1817	9.3
	9/13/2024 1:30	53	1.733	19	202.21	58000	1817	9.4
	9/13/2024 1:45	52	1.733	20	202.21	58000	1784	9.5
	9/13/2024 2:00	53	1.733	20	204.36	56000	1779	9.6
	9/13/2024 2:15	52	1.733	20	204.36	54000	1812	9.8
	9/13/2024 2:30	52	1.733	20	204.36	56000	1821	9.9
	9/13/2024 2:45	51	1.733	20	206.52	56000	1821	10.0
	9/13/2024 3:00	51	1.733	20	208.67	56000	1819	10.1
	9/13/2024 3:15	52	1.733	20	204.36	56000	1772	10.2
	9/13/2024 3:30	51	1.733	20	206.52	56000	1799	10.3
	9/13/2024 3:45	52	1.733	20	204.36	58000	1805	10.5
	9/13/2024 4:00	53	1.733	20	204.36	56000	1823	10.6
	9/13/2024 4:15	52	1.733	20	206.52	60000	1788	10.7
	9/13/2024 4:30	52	1.733	20	202.21	58000	1779	10.8
	9/13/2024 4:45	53	1.733	20	204.36	60000	1819	11.0
	9/13/2024 5:00	52	1.733	20	204.36	56000	1795	11.1
	9/13/2024 5:15	52	1.733	20	204.36	58000	1790	11.2
	9/13/2024 5:30	53	1.733	20	204.36	58000	1793	11.3
	9/13/2024 5:45	53	1.733	20	202.21	56000	1808	11.4
	9/13/2024 6:00	52	1.733	20	204.36	56000	1801	11.5
	9/13/2024 6:15	51	1.733	20	206.52	56000	1796	11.7
	9/13/2024 6:30	52	1.733	20	204.36	56000	1797	11.8
	9/13/2024 6:44	52	1.733	20	206.52	56000	1820	11.9
	9/13/2024 6:59	51	1.733	20	204.36	54000	1797	12.0
	9/13/2024 7:14	52	1.733	20	204.36	56000	1793	12.1
	9/13/2024 7:29	52	1.733	20	204.36	60000	1780	12.2
	9/13/2024 7:39	48	1.667	7	0	0	1728	**12.2**
RW-10R / RW-16	**AVERAGES**		**1.7**	**19.9**	**195.6**	**66,045**		

TABLE 2 - Controller Datapoint Summary

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - September 11-13, 2024
Engine 1

Well Connections	Time Stamp	Air Flow (scfm)	Fuel Flow (scfm)	Well Flow (scfm)	Applied Vac (inH_2O)	Energy (BTU/Hr)	Eng Speed (RPM)	Vapor Recovery (gallons)
RW-9	9/13/2024 7:59	58	1.6	0	0	0	1784	0.0
	9/13/2024 8:14	60	1.8	15	51.63	48000	1782	0.1
	9/13/2024 8:29	61	1.8	15	43.02	50000	1782	0.2
	9/13/2024 8:44	43	1.533	16	38.72	2000	1795	0.2
	9/13/2024 8:59	34	1.6	26	73.14	0	1825	0.2
	9/13/2024 9:14	61	1.8	14	36.57	50000	1823	0.3
	9/13/2024 9:29	57	1.8	18	45.18	52000	1777	0.4
	9/13/2024 9:44	58	1.8	17	43.02	52000	1778	0.5
	9/13/2024 9:59	59	1.8	17	43.02	56000	1777	0.6
	9/13/2024 10:14	58	1.733	17	43.02	56000	1769	0.8
	9/13/2024 10:29	58	1.733	17	43.02	54000	1824	0.9
	9/13/2024 10:44	59	1.733	17	40.87	58000	1795	1.0
	9/13/2024 10:46	48	1.6	6	0	4000	1679	**1.0**
RW-9	**AVERAGES**		**1.7**	**17.2**	**45.6**	**43,455**		

TABLE 3 - Groundwater Elevations

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - September 11-13, 2024

Well	Date	Event Duration on Well	Depth to LNAPL (feet)	Depth to Groundwater (feet)	LNAPL Thickness (feet)	Stinger Depth (feet)
RW-17	9/11/2024		78.81	79.55	**0.74**	
	9/12/2024	23 hours	---	78.75	0.00	78.80
RW-3R	9/11/2024		78.53	82.22	**3.69**	
	9/12/2024	23 hours	---	79.00	0.00	35.50
RW-10R	9/12/2024		79.20	80.58	**1.38**	
	9/13/2024	23 hours	---	79.21	0.00	35.50
RW-16R	9/12/2024		79.15	79.46	**0.31**	
	9/13/2024	23 hours	---	79.14	0.00	35.50
RW-9	9/13/2024		74.35	74.39	**0.04**	
	9/13/2024	3 hours	---	DRY	0.00	35.50

TABLE 4 - Hydrocarbon Calculations (Laboratory)

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - September 11-13, 2024

% Vol. Hydrocarbon to ppmv - RW-3R / RW-17 Influent #1				
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv
Methane (CH4)	16.04	0.080		800
Ethane (C2H6)	30.07	0.004		40
Propane (C3H8)	44.10	0.005		50
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.000		0
N-Pentane (C5H12)	72.15	0.000		0
Hexane+ (C6H14)	93.19	1.200		12000
			Total	**12,890**
*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes				

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	94.514
Methane (CH4)	16.0425	0.144
Carbon Dioxide (CO2)	44.011	4.961
Ethane (C2H6)	30.069	0.004
Propane (C3H8)	44.0956	0.003
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.000
N-Pentane (C5H12)	72.1488	0.000
Hexane+ (C6H14)	93.1887	0.374
	Total	100
	Calculated MW	**29.0366**

Pounds of recovered hydrocarbon per day = flow rate (cfm) X (ppmv)

where: CFM = cubic feet per minute
*PPM = parts per million

Well Flow Rate (cfm):	29.9	cfm (**All Engines**)
Concentration (ppm):	**12,890**	ppmv
Unit Conversion (constant):	0.00036	{[(0.25 lb/cubic ft) X (1440 min/day)]/10}
Recovery Rate:	**138.748**	lbs/day
Recovery Period:	23.00	hours
Product Recovery Total:	**132.97**	lbs
Product Recovery Total:	**22.16**	gallons [6.00 lbs. / gal.)

TABLE 4 - Hydrocarbon Calculations (Laboratory)

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - September 11-13, 2024

% Vol. Hydrocarbon to ppmv - RW-10R / RW-16 Influent #2				
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv
Methane (CH4)	16.04	0.176		1760
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.000		0
N-Pentane (C5H12)	72.15	0.000		0
Hexane+ (C6H14)	93.19	1.854		18540
			Total	**20,300**
*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes				

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	92.498
Methane (CH4)	16.0425	0.322
Carbon Dioxide (CO2)	44.011	6.595
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.000
N-Pentane (C5H12)	72.1488	0.000
Hexane+ (C6H14)	93.1887	0.585
	Total	100
	Calculated MW	**29.4136**

Pounds of recovered hydrocarbon per day = flow rate (cfm) X (ppmv)

where: CFM = cubic feet per minute
*PPM = parts per million

Well Flow Rate (cfm):	19.9	cfm (**All Engines**)
Concentration (ppm):	**20,300**	ppmv
Unit Conversion (constant):	0.00036	{[(0.25 lb/cubic ft) X (1440 min/day)]/10}
Recovery Rate:	**145.429**	lbs/day
Recovery Period:	23.00	hours
Product Recovery Total:	**139.37**	lbs
Product Recovery Total:	**23.23**	gallons [6.00 lbs. / gal.)

TABLE 4 - Hydrocarbon Calculations (Laboratory)

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - September 11-13, 2024

% Vol. Hydrocarbon to ppmv - RW-9 Influent #3

Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv
Methane (CH4)	16.04	0.012		120
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.000		0
N-Pentane (C5H12)	72.15	0.000		0
Hexane+ (C6H14)	93.19	1.906		19060
			Total	**19,180**

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

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	90.484
Methane (CH4)	16.0425	0.023
Carbon Dioxide (CO2)	44.011	8.883
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.000
N-Pentane (C5H12)	72.1488	0.000
Hexane+ (C6H14)	93.1887	0.610
	Total	100
	Calculated MW	**29.8316**

Pounds of recovered hydrocarbon per day = flow rate (cfm) X (ppmv)

where: CFM = cubic feet per minute
*PPM = parts per million

Well Flow Rate (cfm):	17.2	cfm (**All Engines**)
Concentration (ppm):	**19,180**	ppmv
Unit Conversion (constant):	0.00036	{[(0.25 lb/cubic ft) X (1440 min/day)]/10}
Recovery Rate:	**118.763**	lbs/day
Recovery Period:	3.00	hours
Product Recovery Total:	**14.85**	lbs
Product Recovery Total:	**2.47**	gallons [6.00 lbs. / gal.)

Product Recovery Total: **47.86** gallons (vapor - lab calculated)

ATTACHMENT II

Laboratory Analytical Report

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-24090570-001A

Jason Shubert
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent # 1	Report Date:	09/24/2024
Station Number:	700376.272.02	Sampled By:	
Station Location:	Lovington, NM	Sample Of:	Gas Spot
Sample Point:	Darr Argell #4	Sample Date:	09/11/2024 11:25
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	09/17/2024
Analyzed:	09/19/2024 19:59:11 by EKK	Login Date:	09/17/2024

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	94.514	91.191		GPM TOTAL C2+	0.164
Methane	0.144	0.080		GPM TOTAL C3+	0.163
Carbon Dioxide	4.961	7.520		GPM TOTAL iC5+	0.162
Ethane	0.004	0.004	0.001		
Propane	0.003	0.005	0.001		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	NIL	NIL	NIL		
n-Pentane	NIL	NIL	NIL		
Hexanes Plus	0.374	1.200	0.162		
	100.000	100.000	0.164		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0025	3.2176
Calculated Molecular Weight	29.03	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	21	5113
Water Sat. Gas Base BTU	20	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-24090570-002A

Jason Shubert
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent # 2	Report Date:	09/24/2024
Station Number:	700376.272.02	Sampled By:	
Station Location:	Lovington, NM	Sample Of:	Gas Spot
Sample Point:	Darr Argell #4	Sample Date:	09/12/2024 10:45
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	09/17/2024
Analyzed:	09/19/2024 20:33:57 by EKK	Login Date:	09/17/2024

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	92.498	88.102		GPM TOTAL C2+	0.254
Methane	0.322	0.176		GPM TOTAL C3+	0.254
Carbon Dioxide	6.595	9.868		GPM TOTAL iC5+	0.254
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	NIL	NIL	NIL		
n-Pentane	NIL	NIL	NIL		
Hexanes Plus	0.585	1.854	0.254		
	100.000	100.000	0.254		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0156	3.2176
Calculated Molecular Weight	29.41	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	33	5113
Water Sat. Gas Base BTU	33	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-24090570-003A

Jason Shubert
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent # 3	Report Date:	09/24/2024
Station Number:	700376.272.02	Sampled By:	
Station Location:	Lovington, NM	Sample Of:	Gas Spot
Sample Point:	Darr Argell #4	Sample Date:	09/13/2024 09:10
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	09/17/2024
Analyzed:	09/19/2024 21:02:28 by EKK	Login Date:	09/17/2024

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	90.484	84.976		GPM TOTAL C2+	0.265
Methane	0.023	0.012		GPM TOTAL C3+	0.265
Carbon Dioxide	8.883	13.106		GPM TOTAL iC5+	0.265
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	NIL	NIL	NIL		
n-Pentane	NIL	NIL	NIL		
Hexanes Plus	0.610	1.906	0.265		
	100.000	100.000	0.265		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0301	3.2176
Calculated Molecular Weight	29.83	93.19
Compressibility Factor	0.9994	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	31	5113
Water Sat. Gas Base BTU	31	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Certificate of Analysis

Number: 1030-24090570-004A

Jason Shubert
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Effluent	Report Date:	09/24/2024
Station Number:	700376.272.02	Sampled By:	
Station Location:	Lovington, NM	Sample Of:	Gas Spot
Sample Point:	Darr Argell #4	Sample Date:	09/13/2024 09:15
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	09/17/2024
Analyzed:	09/19/2024 21:24:57 by EKK	Login Date:	09/17/2024

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia
Nitrogen	89.080	83.867	
Methane	0.019	0.010	
Carbon Dioxide	10.882	16.095	
Ethane	NIL	NIL	NIL
Propane	0.019	0.028	0.005
Iso-butane	NIL	NIL	NIL
n-Butane	NIL	NIL	NIL
Iso-pentane	NIL	NIL	NIL
n-Pentane	NIL	NIL	NIL
Hexanes Plus	NIL	NIL	NIL
	100.000	100.000	0.005

GPM TOTAL C2+	0.005
GPM TOTAL C3+	0.005
GPM TOTAL iC5+	0.000

Calculated Physical Properties	**Total**
Relative Density Real Gas	1.0275
Calculated Molecular Weight	29.75
Compressibility Factor	0.9995
GPA 2172 Calculation:	
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F	
Real Gas Dry BTU	1
Water Sat. Gas Base BTU	1

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.

Analysis Request Chain of Custody Record

SPL Work Order No.:	SPL Work Order No.:	Acct. Mate Code:	Dept. Code	SPL		
				Page 1 of 1		
Report To: (Company Name):	Talon LPE	Project/Station Name: Darr Angell #4	Project/Station Number:	Project/Station Location: Lovington, NM	Requested TAT	
Address	921 N. Bivins				☐ 24hr *	
City/State/Zip	Amarillo, Texas 79107	Special Instructions: 700376.272.02			☐ 48hr *	
Contact:	Jason Shubert				☐ 72hr *	
Phone:	806-467-0607 Fax: 806-467-0622					
Invoice To: (Company Name):	Talon LPE	Indicate Billing Type. Net 30 day Acct. ☐	Check #	Cash Recv'd $	☐ Standard	
Address	921 N Bivins	Credit Card ☐	Contact SPL. Inc for CC payment arrangements.		☐ Other Indicate Below	
City/State/Zip	Amarillo, Texas 79107	* Terms: Cylinders will be rented for $10/cyl. All cylinders checked out are to be returned within 21 days. whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.				
Contact:	Jason Shubert					
Phone:	806-467-0607 Fax: 806-467-0622					
PO / Ref. No.:	700376.272.02					
Contract/Proposal #:						

RECEIVED
SEP 17 2024
BY:

Sample ID & Point	Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder Tracking Info * Cylinder #	Date Out	Date In	Requested Analysis C6+	Comments
Influent #1	9-11-24	1125	Gas							X	
Influent #2	9-12-24	1045	"							X	
Influent #3	9-13-24	0910	"							X	
Effluent	9-13-24	0915	"							X	

* Surcharges May Apply

Sampled By-Print Name: John Hanley			Company Name: Talon LPE		
Signature:					
Relinquished By-Print Name: John Hanley	Date: 9.16.24	Time: 2:00p	Received By-Print Name:	Date:	Time:
Signature:			Signature:		
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name:	Date:	Time:
Signature:			Signature:		
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name:	Date:	Time:
Signature:			Signature:		

☐ 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901
☐ 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337
☐ P.O. Box 3079 Laurel, MS 39442 (601) 428-0842
☐ 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775
☐ 1595 US 79 South Carthage, TX 75633 (903) 693-6242
☐ 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

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

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TALON LPE

Mobile Dual Phase Extraction (MDPE) Recovery Report

Plains All American Pipeline - Darr Angell #4
Lovington, New Mexico
November 25-27, 2024 MDPE Event

Prepared For:
GHD Services, Inc.
2135 S Loop 250 W
Midland, Texas 79703

Prepared By:
Talon/LPE, Ltd.
477 PR 4181
Decatur, Texas 76234

Distribution:
Copy 1 - GHD Services, Inc. - Midland, Texas

December 16, 2024

RE: Mobile Dual Phase Extraction (MDPE)
MDPE Event with Off-Gas Abatement at:
Plains All American Pipeline - Darr Angell #4
Lovington, New Mexico

The following summarizes the Mobile Dual Phase Extraction (MDPE) event conducted by Talon/ LPE, Ltd. at the Plains All American Pipeline - Darr Angell #4 site in Lovington, New Mexico. The event took place from November 25-27, 2024, and was aimed at extracting and destroying fuel hydrocarbons present in both liquid and vapor phases from the subsurface.

The MDPE system used in this project incorporated a modified Internal Combustion Engine (ICE) with a high vacuum knockout tank. Five (5) recovery wells (RW-3R, RW-9, RW-10R, RW-16, and RW-17) were selected based on site-specific conditions to maximize the recovery of hydrocarbons. Over the 48-hour extraction period, the ICE operated at an average of 1,800 revolutions per minute (RPM), ensuring efficient performance. Built-in programmable logic controllers equipped with temperature and flow meters provided real-time monitoring, with data recorded every 15 minutes to track vapor recovery displayed in British thermal units (BTU) per hour.

Prior to and immediately following the events, the recovery wells were gauged for liquid phase separated hydrocarbons (PSH) thickness levels. Depth to PSH ranges were measured in feet below the top of casing and are included within the attachments of this report.

During the course of the event, a total of 34.9 gallons of hydrocarbons were successfully extracted from the subsurface. This included approximately 7.0 gallons of PSH and 27.9 gallons recovered as vapor phase off-gas. In addition, a total of 2,005.0 gallons of hydrocarbon impacted groundwater were generated during the event. The extracted fluids were temporarily stored on-site before being transferred to an authorized disposal facility.

To further assess the types and concentrations of hydrocarbons recovered, two (2) influent air samples were collected and analyzed according to GPA 2261M standards for Total Gas Analysis. Hydrocarbon concentrations in the influent samples ranged from 10,750 to 17,040 parts per million by volume (ppmv). A detailed laboratory analytical report has been included for your review.

In summary, the MDPE event effectively removed 34.9 gallons of hydrocarbons and 2,005.0 gallons of impacted groundwater, contributing to the site's ongoing environmental remediation efforts while demonstrating a hydrocarbon destruction efficiency greater than 99.0%.

We greatly appreciate the opportunity to be of service to you on this project. If we can be of further assistance, please contact Talon/LPE at (940) 626-8088.

Respectfully Submitted,

John Hanley
Senior Project Manager
Talon/LPE, Ltd.

The following information is included as attachments to this report:

ATTACHMENT I TABLES

TABLE 1 – Cumulative Event Totals
TABLE 2 – Engine 1 Controller Datapoint Summary
TABLE 3 – Groundwater Elevations
TABLE 4 – Hydrocarbon Calculations (Laboratory)

ATTACHMENT II LABORATORY ANALYTICAL REPORT

ATTACHMENT I

Tables

TABLE 1 - Cumulative Event Totals

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - November 25-27, 2024

Duration (hours)	Date	Well Connections	LNAPL Recovery (gallons)	Vapor Recovery (gallons)	Total NAPL Recovery (gallons)	Average Well Flows (scfm)	Average Well Vacuum (inH_2O)	Groundwater Recovery (gallons)
Engine 1 48 hours	November 25-27, 2024	**RW-3R, 9, 10R, 16, 17**	7.0	27.9	34.9	15.9	219.2	2,005.0
48 Hours		**Totals**	**7.0**	**27.9**	**34.9**	**15.9**	**219.2**	**2,005.0**

TABLE 2 - Engine 1 Controller Datapoint Summary

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - November 25-27, 2024
Engine 1

Well Connections	Time Stamp	Air Flow (scfm)	Fuel Flow (scfm)	Well Flow (scfm)	Applied Vac (inH_2O)	Energy (BTU/Hr)	Eng Speed (RPM)	Vapor Recovery (gallons)
RW-3R / RW-17	11/25/2024 10:42	55	1.8	0	0	0	1799	0.0
	11/25/2024 10:57	47	1.067	10	225.88	106000	1779	0.2
	11/25/2024 11:12	45	1.267	21	167.79	136000	1832	0.5
	11/25/2024 11:27	49	1.6	20	187.15	108000	1785	0.7
	11/25/2024 11:42	48	1.667	18	202.21	98000	1783	0.9
	11/25/2024 11:57	50	1.667	16	217.27	80000	1777	1.1
	11/25/2024 12:12	50	1.667	16	217.27	80000	1817	1.3
	11/25/2024 12:27	49	1.667	16	221.57	80000	1803	1.4
	11/25/2024 12:42	51	1.667	15	223.72	80000	1778	1.6
	11/25/2024 12:57	51	1.667	15	223.72	80000	1807	1.8
	11/25/2024 13:12	52	1.667	15	221.57	84000	1812	1.9
	11/25/2024 13:27	50	1.667	16	223.72	84000	1822	2.1
	11/25/2024 13:42	52	1.667	15	221.57	84000	1800	2.3
	11/25/2024 13:56	51	1.667	15	219.42	84000	1762	2.5
	11/25/2024 14:11	50	1.667	16	221.57	86000	1798	2.6
	11/25/2024 14:26	52	1.667	15	221.57	86000	1803	2.8
	11/25/2024 14:41	51	1.667	15	223.72	86000	1829	3.0
	11/25/2024 14:56	51	1.667	15	221.57	84000	1808	3.2
	11/25/2024 15:11	52	1.667	15	223.72	84000	1817	3.4
	11/25/2024 15:26	51	1.667	15	223.72	86000	1783	3.5
	11/25/2024 15:41	50	1.667	15	225.88	82000	1782	3.7
	11/25/2024 15:56	51	1.667	15	225.88	80000	1783	3.9
	11/25/2024 16:11	51	1.667	15	223.72	84000	1816	4.0
	11/25/2024 16:26	51	1.667	15	223.72	80000	1783	4.2
	11/25/2024 16:41	47	1.667	17	225.88	78000	1794	4.4
	11/25/2024 16:56	50	1.667	16	223.72	82000	1802	4.5
	11/25/2024 17:11	50	1.667	16	223.72	80000	1793	4.7
	11/25/2024 17:26	49	1.667	16	225.88	78000	1787	4.9
	11/25/2024 17:41	49	1.667	16	223.72	74000	1791	5.0
	11/25/2024 17:56	48	1.733	18	221.57	78000	1806	5.2
	11/25/2024 18:11	49	1.733	18	219.42	80000	1789	5.4
	11/25/2024 18:26	50	1.733	17	221.57	80000	1808	5.5
	11/25/2024 18:41	48	1.733	18	223.72	76000	1789	5.7
	11/25/2024 18:56	50	1.733	18	219.42	76000	1809	5.8
	11/25/2024 19:11	49	1.733	18	221.57	78000	1795	6.0
	11/25/2024 19:26	49	1.733	18	223.72	74000	1791	6.2
	11/25/2024 19:41	48	1.733	18	223.72	76000	1791	6.3
	11/25/2024 19:56	48	1.733	18	223.72	74000	1829	6.5
	11/25/2024 20:11	48	1.733	18	223.72	76000	1804	6.6
	11/25/2024 20:26	49	1.733	18	221.57	74000	1771	6.8
	11/25/2024 20:41	48	1.733	18	221.57	74000	1816	6.9
	11/25/2024 20:55	48	1.733	18	223.72	74000	1805	7.1
	11/25/2024 21:10	48	1.733	18	223.72	74000	1785	7.2
	11/25/2024 21:25	49	1.733	17	223.72	74000	1778	7.4
	11/25/2024 21:40	47	1.733	17	225.88	74000	1801	7.6
	11/25/2024 21:55	49	1.733	17	223.72	74000	1820	7.7
	11/25/2024 22:10	49	1.733	17	223.72	74000	1794	7.9
	11/25/2024 22:25	48	1.733	17	228.03	70000	1785	8.0
	11/25/2024 22:40	47	1.733	18	228.03	70000	1770	8.2
	11/25/2024 22:55	50	1.733	17	225.88	70000	1789	8.3
	11/25/2024 23:10	48	1.733	18	225.88	70000	1809	8.4
	11/25/2024 23:25	49	1.733	17	228.03	68000	1831	8.6
	11/25/2024 23:40	48	1.733	17	225.88	66000	1773	8.7
	11/25/2024 23:55	48	1.733	17	228.03	68000	1778	8.9
	11/26/2024 0:10	47	1.733	17	228.03	66000	1798	9.0
	11/26/2024 0:25	49	1.733	17	228.03	68000	1780	9.1
	11/26/2024 0:40	49	1.733	17	228.03	66000	1822	9.3
	11/26/2024 0:55	48	1.733	17	228.03	66000	1815	9.4
	11/26/2024 1:10	48	1.733	17	228.03	68000	1815	9.6

TABLE 2 - Engine 1 Controller Datapoint Summary

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - November 25-27, 2024
Engine 1

Well Connections	Time Stamp	Air Flow (scfm)	Fuel Flow (scfm)	Well Flow (scfm)	Applied Vac (inH_2O)	Energy (BTU/Hr)	Eng Speed (RPM)	Vapor Recovery (gallons)
	11/26/2024 1:25	49	1.733	17	225.88	68000	1780	9.7
RW-3R / RW-17	11/26/2024 1:40	49	1.733	17	225.88	66000	1816	9.8
	11/26/2024 1:55	47	1.733	17	228.03	68000	1789	10.0
	11/26/2024 2:10	49	1.733	17	225.88	66000	1796	10.1
	11/26/2024 2:25	48	1.733	17	230.18	66000	1820	10.3
	11/26/2024 2:40	47	1.733	17	230.18	64000	1815	10.4
	11/26/2024 2:55	48	1.733	17	230.18	68000	1805	10.5
	11/26/2024 3:10	48	1.733	17	230.18	64000	1798	10.7
	11/26/2024 3:25	47	1.733	17	230.18	62000	1785	10.8
	11/26/2024 3:40	47	1.733	17	230.18	62000	1784	10.9
	11/26/2024 3:54	48	1.733	17	228.03	64000	1779	11.1
	11/26/2024 4:09	48	1.733	16	228.03	64000	1820	11.2
	11/26/2024 4:24	48	1.733	17	228.03	66000	1818	11.3
	11/26/2024 4:39	48	1.733	17	230.18	66000	1787	11.5
	11/26/2024 4:54	47	1.733	17	230.18	66000	1805	11.6
	11/26/2024 5:09	48	1.733	17	230.18	62000	1792	11.7
	11/26/2024 5:24	48	1.733	17	230.18	66000	1811	11.9
	11/26/2024 5:39	47	1.733	17	230.18	66000	1798	12.0
	11/26/2024 5:54	47	1.733	17	230.18	62000	1785	12.1
	11/26/2024 6:09	47	1.733	17	230.18	64000	1807	12.3
	11/26/2024 6:24	48	1.733	17	230.18	64000	1826	12.4
	11/26/2024 6:39	46	1.733	16	232.33	60000	1772	12.5
	11/26/2024 6:54	47	1.733	17	230.18	64000	1810	12.7
	11/26/2024 7:09	47	1.733	17	230.18	64000	1831	12.8
	11/26/2024 7:24	48	1.733	17	228.03	64000	1791	12.9
	11/26/2024 7:39	47	1.733	17	232.33	62000	1806	13.1
	11/26/2024 7:54	47	1.667	17	232.33	62000	1767	13.2
	11/26/2024 8:09	49	1.667	16	230.18	64000	1788	13.3
	11/26/2024 8:24	49	1.667	16	228.03	68000	1786	13.5
	11/26/2024 8:39	48	1.667	16	228.03	70000	1799	13.6
	11/26/2024 8:54	50	1.667	16	225.88	74000	1787	13.8
	11/26/2024 9:09	50	1.733	16	228.03	72000	1789	13.9
	11/26/2024 9:24	50	1.667	16	225.88	76000	1824	14.1
	11/26/2024 9:39	51	1.667	16	221.57	82000	1809	14.2
	11/26/2024 9:54	51	1.667	16	221.57	82000	1817	14.4
	11/26/2024 10:09	24	1.6	33	131.22	24000	1783	14.5
	11/26/2024 10:10	42	1.6	8	0	26000	1656	**14.5**
RW-3R / RW-17	**AVERAGES**		**1.7**	**16.8**	**223.5**	**73,851**		

TABLE 2 - Engine 1 Controller Datapoint Summary

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - November 25-27, 2024
Engine 1

Well Connections	Time Stamp	Air Flow (scfm)	Fuel Flow (scfm)	Well Flow (scfm)	Applied Vac (inH_2O)	Energy (BTU/Hr)	Eng Speed (RPM)	Vapor Recovery (gallons)
RW-10R / RW-16	11/26/2024 11:38	56	1.667	0	0	26000	1781	0.0
	11/26/2024 11:53	51	1.6	11	221.57	34000	1786	0.1
	11/26/2024 12:08	50	1.667	16	210.82	50000	1789	0.2
	11/26/2024 12:23	53	1.733	15	212.97	56000	1787	0.3
	11/26/2024 12:38	52	1.667	16	212.97	60000	1804	0.4
	11/26/2024 12:53	53	1.667	16	215.12	64000	1793	0.6
	11/26/2024 13:08	52	1.667	16	212.97	64000	1817	0.7
	11/26/2024 13:23	52	1.667	16	217.27	68000	1799	0.8
	11/26/2024 13:38	53	1.667	16	212.97	70000	1813	1.0
	11/26/2024 13:53	53	1.667	16	215.12	70000	1795	1.1
	11/26/2024 14:08	51	1.667	17	215.12	72000	1778	1.3
	11/26/2024 14:23	53	1.667	16	215.12	72000	1801	1.4
	11/26/2024 14:38	53	1.667	16	212.97	74000	1810	1.6
	11/26/2024 14:53	53	1.667	16	212.97	74000	1775	1.7
	11/26/2024 15:08	53	1.667	16	212.97	74000	1804	1.9
	11/26/2024 15:23	55	1.667	15	212.97	76000	1788	2.0
	11/26/2024 15:38	54	1.667	16	210.82	76000	1804	2.2
	11/26/2024 15:53	54	1.667	16	210.82	78000	1773	2.4
	11/26/2024 16:08	53	1.667	16	212.97	74000	1802	2.5
	11/26/2024 16:23	54	1.667	16	210.82	74000	1812	2.7
	11/26/2024 16:38	54	1.667	16	212.97	76000	1806	2.8
	11/26/2024 16:53	54	1.667	16	212.97	76000	1796	3.0
	11/26/2024 17:08	54	1.667	16	212.97	72000	1810	3.1
	11/26/2024 17:23	53	1.667	16	212.97	72000	1794	3.3
	11/26/2024 17:37	54	1.667	16	212.97	72000	1812	3.4
	11/26/2024 17:52	53	1.667	16	212.97	70000	1799	3.6
	11/26/2024 18:07	54	1.667	16	215.12	68000	1803	3.7
	11/26/2024 18:22	52	1.667	16	217.27	66000	1793	3.9
	11/26/2024 18:37	52	1.667	16	217.27	66000	1812	4.0
	11/26/2024 18:52	52	1.667	16	219.42	64000	1827	4.1
	11/26/2024 19:07	52	1.667	16	215.12	64000	1787	4.3
	11/26/2024 19:22	52	1.667	16	217.27	62000	1818	4.4
	11/26/2024 19:37	52	1.667	16	217.27	62000	1800	4.5
	11/26/2024 19:52	51	1.667	16	217.27	64000	1803	4.7
	11/26/2024 20:07	53	1.667	16	217.27	64000	1795	4.8
	11/26/2024 20:22	52	1.667	16	217.27	64000	1814	4.9
	11/26/2024 20:37	51	1.667	16	219.42	62000	1772	5.1
	11/26/2024 20:52	51	1.667	16	219.42	62000	1810	5.2
	11/26/2024 21:07	52	1.733	16	217.27	62000	1785	5.3
	11/26/2024 21:22	52	1.667	16	217.27	62000	1797	5.4
	11/26/2024 21:37	52	1.733	16	217.27	60000	1818	5.6
	11/26/2024 21:52	51	1.667	16	219.42	58000	1793	5.7
	11/26/2024 22:07	51	1.667	16	219.42	56000	1796	5.8
	11/26/2024 22:22	51	1.667	16	219.42	56000	1807	5.9
	11/26/2024 22:37	51	1.667	16	221.57	56000	1787	6.0
	11/26/2024 22:52	52	1.733	16	219.42	58000	1783	6.2
	11/26/2024 23:07	52	1.667	16	217.27	62000	1822	6.3
	11/26/2024 23:22	52	1.667	16	219.42	64000	1822	6.4
	11/26/2024 23:37	52	1.667	16	219.42	64000	1796	6.6
	11/26/2024 23:52	52	1.667	16	219.42	62000	1782	6.7
	11/27/2024 0:07	51	1.667	16	219.42	62000	1808	6.8
	11/27/2024 0:22	53	1.667	16	217.27	66000	1802	6.9
	11/27/2024 0:36	51	1.667	16	219.42	64000	1800	7.1
	11/27/2024 0:51	52	1.667	16	217.27	64000	1811	7.2
	11/27/2024 1:06	51	1.667	16	219.42	64000	1801	7.3
	11/27/2024 1:21	52	1.667	16	217.27	64000	1808	7.5
	11/27/2024 1:36	53	1.667	16	215.12	66000	1778	7.6
	11/27/2024 1:51	53	1.667	15	217.27	68000	1792	7.8
	11/27/2024 2:06	53	1.667	16	217.27	68000	1800	7.9

TABLE 2 - Engine 1 Controller Datapoint Summary

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - November 25-27, 2024
Engine 1

Well Connections	Time Stamp	Air Flow (scfm)	Fuel Flow (scfm)	Well Flow (scfm)	Applied Vac (inH_2O)	Energy (BTU/Hr)	Eng Speed (RPM)	Vapor Recovery (gallons)
	11/27/2024 2:21	52	1.667	16	217.27	66000	1792	8.0
RW-10R / RW-16	11/27/2024 2:36	53	1.667	16	217.27	70000	1815	8.2
	11/27/2024 2:51	53	1.667	16	215.12	68000	1760	8.3
	11/27/2024 3:06	53	1.667	15	217.27	66000	1823	8.5
	11/27/2024 3:21	53	1.667	15	215.12	66000	1800	8.6
	11/27/2024 3:36	51	1.667	15	217.27	66000	1790	8.7
	11/27/2024 3:51	54	1.667	15	217.27	68000	1825	8.9
	11/27/2024 4:06	52	1.667	15	219.42	68000	1781	9.0
	11/27/2024 4:21	53	1.667	15	217.27	68000	1806	9.2
	11/27/2024 4:36	53	1.667	15	217.27	68000	1819	9.3
	11/27/2024 4:51	54	1.667	15	215.12	68000	1821	9.4
	11/27/2024 5:06	53	1.667	15	219.42	68000	1793	9.6
	11/27/2024 5:21	52	1.667	15	217.27	68000	1808	9.7
	11/27/2024 5:36	53	1.667	15	217.27	70000	1809	9.9
	11/27/2024 5:51	54	1.667	15	217.27	68000	1835	10.0
	11/27/2024 6:06	53	1.667	15	217.27	66000	1801	10.2
	11/27/2024 6:21	53	1.667	15	217.27	64000	1807	10.3
	11/27/2024 6:36	52	1.667	15	219.42	68000	1779	10.4
	11/27/2024 6:51	52	1.667	15	219.42	68000	1787	10.6
	11/27/2024 7:06	53	1.667	15	215.12	68000	1815	10.7
	11/27/2024 7:21	53	1.667	15	217.27	70000	1813	10.9
	11/27/2024 7:35	53	1.667	15	217.27	70000	1790	11.0
	11/27/2024 7:50	53	1.667	15	217.27	70000	1815	11.2
	11/27/2024 8:05	53	1.667	15	217.27	64000	1793	11.3
	11/27/2024 8:20	53	1.667	15	217.27	68000	1824	11.4
	11/27/2024 8:35	53	1.667	15	217.27	70000	1815	11.6
	11/27/2024 8:50	54	1.667	15	215.12	72000	1788	11.7
	11/27/2024 9:05	54	1.667	15	215.12	74000	1821	11.9
	11/27/2024 9:20	54	1.667	15	215.12	74000	1792	12.0
	11/27/2024 9:35	54	1.6	15	212.97	76000	1815	12.2
	11/27/2024 9:50	54	1.6	15	212.97	78000	1798	12.4
	11/27/2024 10:05	55	1.6	13	206.52	66000	1775	12.5
	11/27/2024 10:20	26	1.6	33	83.9	22000	1769	12.5
	11/27/2024 10:21	46	1.6	7	0	22000	1706	**12.6**
RW-10R / RW-16	**AVERAGES**		**1.7**	**15.8**	**214.8**	**66,110**		

TABLE 2 - Engine 1 Controller Datapoint Summary

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - November 25-27, 2024
Engine 1

Well Connections	Time Stamp	Air Flow (scfm)	Fuel Flow (scfm)	Well Flow (scfm)	Applied Vac (inH_2O)	Energy (BTU/Hr)	Eng Speed (RPM)	Vapor Recovery (gallons)
RW-9	11/27/2024 10:35	58	1.6	0	0	22000	1815	0.1
	11/27/2024 10:50	59	1.8	16	36.57	52000	1794	0.2
	11/27/2024 11:05	59	1.8	15	38.72	52000	1799	0.4
	11/27/2024 11:20	60	1.8	15	36.57	54000	1826	0.5
	11/27/2024 11:35	61	1.8	15	34.42	56000	1803	0.6
	11/27/2024 11:50	59	1.733	15	36.57	58000	1786	0.7
	11/27/2024 12:05	59	1.733	15	34.42	60000	1826	0.8
	11/27/2024 12:09	48	1.6	6	0	0	1688	**0.8**
RW-9	**AVERAGES**		**1.8**	**15.2**	**36.2**	**55,333**		

TABLE 3 - Groundwater Elevations

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - November 25-27, 2024

Well	Date	Event Duration on Well	Depth to LNAPL (feet)	Depth to Groundwater (feet)	LNAPL Thickness (feet)	Stinger Depth (feet)
RW-17	11/25/2024		79.15	79.26	**0.11**	
	11/26/2024	23.5 hours	---	78.95	0.00	79.00
RW-3R	11/25/2024		79.13	80.70	**1.57**	
	11/26/2024	23.5 hours	---	79.30	0.00	79.50
RW-10R	11/26/2024		79.63	79.72	**0.09**	
	11/27/2024	23 hours	---	79.50	0.00	79.50
RW-16R	11/26/2024		79.40	79.42	**0.02**	
	11/27/2024	23 hours	---	79.40	0.00	79.50
RW-9	11/27/2024		DRY	DRY	DRY	
	11/27/2024	1.5 hours	---	DRY	DRY	74.50

TABLE 4 - Hydrocarbon Calculations (Laboratory)

Darr Angell #4
Plains Pipeline, L.P. and GHD Services, Inc.
Lovington, New Mexico

MDPE Event Summary - November 25-27, 2024

% Vol. Hydrocarbon to ppmv - RW-3R / RW-17 Influent #1				
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv
Methane (CH4)	16.04	0.041		410
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.000		0
N-Pentane (C5H12)	72.15	0.000		0
Hexane+ (C6H14)	93.19	1.663		16630
			Total	**17,040**
*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes				

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	93.022
Methane (CH4)	16.0425	0.075
Carbon Dioxide (CO2)	44.011	6.379
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.000
N-Pentane (C5H12)	72.1488	0.000
Hexane+ (C6H14)	93.1887	0.524
	Total	100
	Calculated MW	**29.3688**

% Vol. Hydrocarbon to ppmv - RW-10R / RW-16 Influent #2				
Compound	Molecular Weight (g/mol)	Wt. %	=	ppmv
Methane (CH4)	16.04	0.039		390
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.000		0
N-Pentane (C5H12)	72.15	0.000		0
Hexane+ (C6H14)	93.19	1.036		10360
			Total	**10,750**
*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes				

Molecular Weight Calculations		
Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	94.934
Methane (CH4)	16.0425	0.070
Carbon Dioxide (CO2)	44.011	4.674
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.000
N-Pentane (C5H12)	72.1488	0.000
Hexane+ (C6H14)	93.1887	0.322
	Total	100
	Calculated MW	**28.9651**

ATTACHMENT II

Laboratory Analytical Report

Certificate of Analysis

Number: 1030-24120197-001A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Jason Shubert
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	RW-3R/17 Influent	Report Date:	12/06/2024
Station Number:	700376.272.02	Sampled By:	JH
Station Location:	Lovington, MN	Sample Of:	Gas Spot
Sample Point:	Darr Argell #4	Sample Date:	11/25/2024 11:55
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	12/03/2024
Analyzed:	12/05/2024 11:17:48 by PTW	Login Date:	12/04/2024

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	93.022	88.736		GPM TOTAL C2+	0.227
Methane	0.075	0.041		GPM TOTAL C3+	0.227
Carbon Dioxide	6.379	9.560		GPM TOTAL iC5+	0.227
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	NIL	NIL	NIL		
n-Pentane	NIL	NIL	NIL		
Hexanes Plus	0.524	1.663	0.227		
	100.000	100.000	0.227		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0140	3.2176
Calculated Molecular Weight	29.37	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	28	5113
Water Sat. Gas Base BTU	27	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Certificate of Analysis

Number: 1030-24120197-002A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Jason Shubert
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	RW-10R/16 Influent	Report Date:	12/06/2024
Station Number:	700376.272.02	Sampled By:	JH
Station Location:	Lovington, MN	Sample Of:	Gas Spot
Sample Point:	Darr Argell #4	Sample Date:	11/26/2024 12:15
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	12/03/2024
Analyzed:	12/05/2024 12:08:35 by PTW	Login Date:	12/04/2024

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	94.934	91.823		GPM TOTAL C2+	0.140
Methane	0.070	0.039		GPM TOTAL C3+	0.140
Carbon Dioxide	4.674	7.102		GPM TOTAL iC5+	0.140
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	NIL	NIL	NIL		
n-Pentane	NIL	NIL	NIL		
Hexanes Plus	0.322	1.036	0.140		
	100.000	100.000	0.140		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0000	3.2176
Calculated Molecular Weight	28.96	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	17	5113
Water Sat. Gas Base BTU	17	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.

Analysis Request Chain of Custody Record

SPL Work Order No.:		SPL Work Order No.:		Acct. Mate Code:	Dept. Code	SPL
						Page 1 of 1

Report To: (Company Name):	Talon LPE		Project/Station Name:	Project/Station Number:	Project/Station Location:				Requested TAT
Address	921 N. Bivins		Darr Angell #4	700376.272.02	Lovington, NM				☐ 24hr *
City/State/Zip	Amarillo, Texas 79107		Special Instructions:						☐ 48hr *
Contact:	Jason Shubert								☐ 72hr *
Phone:	806-467-0607	Fax: 806-467-0622							☒ Standard
Invoice To: (Company Name):	Talon LPE		Indicate Billing Type.	Net 30 day Acct. ☐	Check #	Cash Recv'd	$		☐ Other Indicate Below
Address	921 N Bivins			Credit Card ☐	Contact SPL, Inc for CC payment arrangements.				
City/State/Zip	Amarillo, Texas 79107		* Terms: Cylinders will be rented for $10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.						
Contact:	Jason Shubert								
Phone:	806-467-0607	Fax: 806-467-0622							
PO / Ref. No.:									
Contract/Proposal #:									

Sample ID & Point	Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder Tracking Info * Cylinder #	Date Out	Date In	COC	Requested Analysis	Comments
RW-3R/17 Influent	11-25-24	1155	Gas							X		
RW-10R/16 Influent	11-26-24	1215p	1							X		

* Surcharges May Apply

Sampled By-Print Name: John Hanley			Company Name: Talon LPE		
Signature:					
Relinquished By-Print Name: John Hanley	Date: 12-2-24	Time: 11:15am	Received By-Print Name:	Date:	Time:
Signature:			Signature:		
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name:	Date:	Time:
Signature:			Signature:		
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name:	Date: 12/03/24	Time: 11:15
Signature:			Signature:		

☒ 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901
☐ 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337
☐ P.O. Box 3079 Laurel, MS 39442 (601) 428-0842
☐ 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775
☐ 1595 US 79 South Carthage, TX 75633 (903) 693-6242
☐ 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID: 34053
	Action Number: 498844
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	Pursuant to 19.15.30 NMAC, update Stage 2 Abatement Plan dated July 2002. Plan will be submitted as a report by October 24, 2025.	9/26/2025
shanna.smith	8 monitor/recovery wells out of 30 are dry. 6 wells have been dry since 2021.	9/26/2025
shanna.smith	Pursuant to 19.15.30.11 Subsection A states “Unless otherwise provided by 19.15.30 NMAC responsible persons who are abating, or who are required to abate, water pollution in excess of the standards and requirements set forth in 19.15.30.9 NMAC shall do so pursuant to an abatement plan the director approves. When the director has approved an abatement plan, the responsible person’s actions leading to and including abatement shall be consistent with the abatement plan’s terms and conditions.”	9/26/2025
shanna.smith	Pursuant to 19.15.30.11 Subsection B paragraph 3 states “If the director determines that the designated responsible person has failed to conduct the actions 19.15.30 NMAC requires, the director shall notify all responsible persons of this failure in writing and allow them 30 days, or longer for good cause shown, to conduct the required actions before setting a show cause hearing requiring those responsible persons to appear and show cause why they should not be ordered to comply, a penalty should not be assessed, a civil action should not be commenced in district court or the division should not take other appropriate action.”	9/26/2025
shanna.smith	OCD previous July 29, 2024, approval of semi-annual groundwater monitoring and sampling events has been rescinded. Submit quarterly monitoring and sampling reports.	9/26/2025
shanna.smith	Continue to passively recover residual LNAPL.	9/26/2025
shanna.smith	Continue to sample for BTEX EPA Method 8260 and add Total Dissolved Solids (TDS) and pH to sampling events/plan for all wells applicable.	9/26/2025
shanna.smith	OCD rejects the request to remove RW-5R, RE-14, RW-15, and MW-3R from the sampling schedule. These wells, due to drop in groundwater elevations, affect the smear zone, locations of dry wells, and direction of gradient are pertinent to early detection of contaminant migration.	9/26/2025
shanna.smith	2024 AGWMR approval does not relieve the owner/operator of responsibility for compliance with OCD, federal, state, or local laws and/or regulations.	9/26/2025