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Your ref: 1RP-0234
Our ref: 12604436-Buchanan-2

August 7, 2025

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

2024 Annual Groundwater Monitoring Report
Denton Station
Plains All American Pipeline, L.P.
Lea County, New Mexico
New Mexico Oil Conservation Division Remediation Case No. 1RP-0234
Incident Number nAPP2108927757

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 contact the undersigned.

Regards,

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AC/mss/2

Encl.: 2024 Annual Groundwater Monitoring Report

2024 Annual Groundwater Monitoring Report

Denton Station
Lea County, New Mexico
NMOCD 1RP-0234
Incident ID #: nAPP2108927757

Plains All American

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) Denton Station release Site (Site) by GHD Services Inc. (GHD). The Site is located approximately 12 miles northeast of Lovington and in the SE ¼, NE ¼, Section 14, Township 15 South, Range 37 East in Lea County, New Mexico. The coordinates of this Site are 33.0176° N latitude and 103.1625° 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 Remediation Plan 1RP-0234 and is associated with incident number nAPP2108927757.

A release occurred from a former crude oil tank battery located to the northwest of the fenced facility located at the Site. The Site was formerly the responsibility of Shell Pipeline Corporation. Monitoring and remediation at the Site is currently the responsibility of Plains. Beginning on April 1, 2007, NOVA assumed 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 LNAPL recovery prior to May 2, 2011, were provided by Plains. GHD is relying on the provided information prior to May 2, 2011, to be accurate and true.

In September 2014, GHD provided oversight of the plugging and abandonment (P&A) of three monitoring wells (MW-1, MW-2, MW-3) and one out-of-service water well (WW-1), which had been gauged dry during previous monitoring events. In September and October 2014, GHD provided oversight on the installation of three monitoring wells (MW-1R, MW-2R, MW-3R) to replace the three respective P&A wells and maintain delineation. In February 2020, GHD provided oversight to the P&A of four monitoring wells (MW-11, MW-13, MW-14, MW-16). In March and April 2020, GHD provided oversight of the installation of three monitoring wells (MW-18, MW-19, MW-20) to further delineate groundwater conditions of the Site. All Site monitoring 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 sixteen groundwater monitoring wells which were monitored quarterly in 2024 to evaluate the concentrations of constituents of concern (COCs) in impacted groundwater and to delineate the extent of the light non-aqueous phase liquid (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 well locations is provided on Figure 2.

2. Groundwater Monitoring

Quarterly groundwater monitoring events were performed on February 13 – 14, May 10, August 12 – 13, and November 7, 2024. The monitoring program included quarterly groundwater gauging and sampling of monitoring wells.

2.1 Monitoring Well Gauging

On February 13, May 10, August 12, and November 7, 2024, GHD personnel measured the depth to groundwater in monitoring and recovery wells using an electronic oil/water interface probe (IP). The IP was cleaned with laboratory grade soap and purified water prior to gauging each monitoring or recovery well.

Based on the data collected in 2024, groundwater flow is generally southeast and is consistent with historical data for the Site. The groundwater gradient was calculated at 0.0018 foot per linear foot (ft/ft) in February, May, and November and 0.0028 ft/ft in August. The potentiometric surface indicates groundwater elevations declined an average of 0.89 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.

No LNAPL was detected in any of the sixteen monitoring wells at the Site during any quarterly monitoring events in 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 personnel 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 disposed into the Site's above-ground storage tank (AST) for later disposal. Purge water was periodically transported off-Site to 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 (ALS) in Houston, Texas in May, August, and November. Analyses of BTEX were performed according to the United States Environmental Protection Agency (USEPA) Method SW846-8021B for the February event and according to the USEPA Method SW846-8260 for the May, August, and November events.

On an annual basis, groundwater samples are analyzed for PAH by USEPA Method SW846-8270D for monitoring wells not having previously met the criteria of two (2) consecutive years of PAH concentrations being below the NMWQCC standards and below 0.001 milligram per Liter (mg/L) for PAH compounds with no NMWQCC standard as required by the NMOCD. Three samples were collected from monitoring wells MW-3R, MW-7, and MW-17 during the fourth quarterly event and submitted for PAH analysis.

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 accompanied each cooler submitted to the lab 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 and the groundwater PAH results are summarized in Table 3. The corresponding laboratory analytical reports from 2024 are included in Appendix A. COC concentration maps are presented as Figures 7 through 10. Analytical results are summarized as follows:

- Benzene concentrations exceeded the NMWQCC Groundwater Remediation and Delineation Limit in samples collected from monitoring wells MW-3R, MW-7, and MW-17 during all quarterly monitoring events in 2024.
- Ethylbenzene and toluene concentrations were below NMWQCC standards in all samples collected during all quarterly monitoring events in 2024.
- Xylenes concentrations exceeded the NMWQCC Groundwater Remediation and Delineation Limit in samples from monitoring well MW-3R in February and November 2024 and in samples from monitoring well MW-7 in November 2024.

– PAH analytical results of samples collected from monitoring wells MW-3R, MW-7, and MW-17 were below NMWQCC criteria for all analytes in 2024.

3. Remediation Activities

A Monitored Natural Attenuation (MNA) analysis was conducted using data collected from the Site in 2024. Oxidation-reduction (redox) parameters were measured during the third quarterly monitoring event in August 2024. Groundwater samples from select monitoring wells (MW-1R, MW-3R, MW-4, MW-6, MW-17, and MW-18) were analyzed for dissolved metals (iron and manganese) using USEPA Method SW-6020A, nitrate and sulfate using Method 300.0, chemical oxygen demand (COD) using Method 410.4, total organic carbon (TOC) using Method SM5310B-2011, and dissolved gases (ethane, methane, and ethene) using Method RSK-175. These data were used to assess whether natural attenuation (NA) is occurring and effectively mitigating BTEX migration.

Results confirm that NA of BTEX is actively occurring at the Site. BTEX concentrations are consistently decreasing in individual monitoring wells, the extent of the BTEX groundwater plume has diminished over time, LNAPL is no longer detected in monitoring wells, and Site conditions are highly conducive to aerobic biodegradation. These findings demonstrate that NA, primarily through biodegradation, is effectively limiting the downgradient migration of BTEX. Detailed results are provided in Appendix B.

4. Summary and Recommendations

4.1 Summary

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

– LNAPL was not detected in any monitoring wells during any of the quarterly monitoring events in 2024.
– The potentiometric surface indicates groundwater elevations have declined an average of 0.89 ft. between November 2023 and November 2024.
– PAH analytical results of samples collected from monitoring wells MW-3R, MW-7, and MW-17 were below NMWQCC and NMOCD criteria for all analytes in 2024. As of 2024, monitoring well MW-17 has demonstrated two consecutive years of PAH concentrations being below NMWQCC and NMOCD criteria.

4.2 Recommendations

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

– The *2023 Annual Groundwater Monitoring Report* recommended modifying the groundwater monitoring program from a quarterly to a semi-annual sampling schedule. However, due to the absence of NMOCD's response, this request is being resubmitted. Perform semi-annual groundwater monitoring events for sampling of groundwater and analysis of BTEX by USEPA Method SW846-8260 for all Site monitoring wells and annual sampling of groundwater for PAH analysis by EPA Method SW846-8270D on monitoring wells MW-3R and MW-7.
– Following two consecutive years of PAH concentrations being below NMWQCC and NMOCD criteria, remove MW-17 from the annual PAH sampling plan.

5. Scope and Limitations

This report: has been prepared by GHD for Plains All American and may only be used and relied on by Plains All American for the purpose agreed between GHD and Plains All American

GHD otherwise disclaims responsibility to any person other than Plains All American 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.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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		3782.75	66.04	--	--	3716.71	--
MW-1R	2/8/21		3782.75	66.07	--	--	3716.68	69.85
MW-1R	3/23/21		3782.75	66.11	--	--	3716.64	--
MW-1R	4/26/21		3782.75	66.18	--	--	3716.57	--
MW-1R	5/10/21		3782.75	66.22	--	--	3716.53	--
MW-1R	7/28/21		3782.75	66.39	--	--	3716.36	--
MW-1R	8/11/21		3782.75	66.41	--	--	3716.34	--
MW-1R	9/27/21		3782.75	66.47	--	--	3716.28	69.85
MW-1R	10/26/21		3782.75	66.52	--	--	3716.23	69.85
MW-1R	11/8/21		3782.75	66.54	--	--	3716.21	69.85
MW-1R	1/25/22		3782.75	--	--	--	--	69.85
MW-1R	2/8/22		3782.75	66.75	--	--	3716	70.1
MW-1R	3/14/22		3782.75	66.82	--	--	3715.93	70.1
MW-1R	4/15/22		3782.75	66.95	--	--	3715.8	70.1
MW-1R	5/3/22		3782.75	66.91	--	--	3715.84	70.1
MW-1R	6/13/22		3782.75	66.98	--	--	3715.77	70.1
MW-1R	7/25/22		3782.75	67.06	--	--	3715.69	70.1
MW-1R	8/22/22		3782.75	67.12	--	--	3715.63	70.1
MW-1R	11/11/22		3782.75	67.26	--	--	3715.49	70.1
MW-1R	2/6/23		3782.75	67.49	--	--	3715.26	70.4
MW-1R	5/1/23		3782.75	67.61	--	--	3715.14	70.4
MW-1R	8/7/23		3782.75	67.8	--	--	3714.95	70.4
MW-1R	8/21/23		3782.75	68.01	--	--	3714.74	--
MW-1R	11/6/23		3782.75	66.37	--	--	3716.38	--
MW-1R	2/13/24		3782.75	68.13	--	--	3714.62	--
MW-1R	5/10/24		3782.75	68.36	--	--	3714.39	--
MW-1R	8/13/24		3782.75	68.57	--	--	3714.18	72.05
MW-1R	11/7/24		3782.75	68.82	--	--	3713.93	69.52
MW-2R	1/26/21		3784.17	67.64	--	--	3716.53	--
MW-2R	2/8/21		3784.17	67.63	--	--	3716.54	79.78
MW-2R	3/23/21		3784.17	67.72	--	--	3716.45	--
MW-2R	4/26/21		3784.17	67.78	--	--	3716.39	--
MW-2R	5/10/21		3784.17	67.83	--	--	3716.34	--
MW-2R	7/28/21		3784.17	67.97	--	--	3716.2	--
MW-2R	8/11/21		3784.17	68	--	--	3716.17	--
MW-2R	9/27/21		3784.17	68.08	--	--	3716.09	79.78
MW-2R	10/26/21		3784.17	68.12	--	--	3716.05	79.78
MW-2R	11/8/21		3784.17	68.14	--	--	3716.03	79.78
MW-2R	1/25/22		3784.17	68.32	--	--	3715.85	79.78
MW-2R	2/8/22		3784.17	68.33	--	--	3715.84	79.85
MW-2R	3/14/22		3784.17	68.9	--	--	3715.27	79.85
MW-2R	4/15/22		3784.17	68.52	--	--	3715.65	79.85
MW-2R	5/3/22		3784.17	68.5	--	--	3715.67	79.85
MW-2R	6/3/22		3784.17	68.59	--	--	3715.58	79.85
MW-2R	7/25/22		3784.17	68.66	--	--	3715.51	79.85
MW-2R	8/22/22		3784.17	68.73	--	--	3715.44	79.85
MW-2R	11/11/22		3784.17	68.87	--	--	3715.3	79.85
MW-2R	2/6/23		3784.17	69.12	--	--	3715.05	79.76
MW-2R	5/1/23		3784.17	69.27	--	--	3714.9	79.76

Table 1a

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Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-2R	8/7/23		3784.17	69.43	--	--	3714.74	79.46
MW-2R	11/6/23		3784.17	69.55	--	--	3714.62	--
MW-2R	2/13/24		3784.17	69.74	--	--	3714.43	--
MW-2R	5/10/24		3784.17	69.95	--	--	3714.22	--
MW-2R	8/14/24		3784.17	70.28	--	--	3713.89	82.59
MW-2R	11/7/24		3784.17	70.36	--	--	3713.81	79.8
MW-3R	1/26/21	LNAPL	3786	69.24	68.96	0.28	3716.987	--
MW-3R	2/8/21	LNAPL	3786	69.26	68.93	0.33	3717.007	80.15
MW-3R	3/5/21	LNAPL	3786	69.38	69.01	0.37	3716.92	--
MW-3R	3/23/21	LNAPL	3786	69.25	69.06	0.19	3716.904	--
MW-3R	4/26/21	LNAPL	3786	69.32	69.1	0.22	3716.858	--
MW-3R	5/10/21	LNAPL	3786	69.42	69.13	0.29	3716.815	--
MW-3R	5/14/21	LNAPL	3786	69.42	69.12	0.3	3716.823	--
MW-3R	5/14/21		3786	69.15	--	--	3716.85	--
MW-3R	7/28/21	LNAPL	3786	69.55	69.28	0.27	3716.669	--
MW-3R	8/6/21	LNAPL	3786	69.93	69.31	0.62	3716.572	--
MW-3R	8/6/21		3786	69.03	--	--	3716.97	--
MW-3R	8/11/21	LNAPL	3786	69.5	69.32	0.18	3716.646	--
MW-3R	9/27/21	LNAPL	3786	69.68	69.4	0.28	3716.547	80.15
MW-3R	10/26/21	LNAPL	3786	69.74	69.41	0.33	3716.527	80.15
MW-3R	11/5/21	LNAPL	3786	69.79	69.46	0.33	3716.477	--
MW-3R	11/5/21		3786	69.7	--	--	3716.3	--
MW-3R	11/8/21	LNAPL	3786	69.52	69.51	0.01	3716.488	80.15
MW-3R	1/25/22	LNAPL	3786	69.76	69.66	0.1	3716.321	80.15
MW-3R	2/8/22	LNAPL	3786	69.78	69.66	0.12	3716.317	80.12
MW-3R	3/14/22	LNAPL	3786	69.91	69.78	0.13	3716.195	80.12
MW-3R	3/25/22	LNAPL	3786	69.93	69.8	0.13	3716.175	80.12
MW-3R	3/25/22		3786	70.02	--	--	3715.98	80.12
MW-3R	3/31/22		3786	69.87	--	--	3716.13	80.12
MW-3R	4/7/22		3786	69.8	--	--	3716.2	80.12
MW-3R	4/15/22	LNAPL	3786	66.92	66.9	0.02	3719.096	80.12
MW-3R	5/3/22	LNAPL	3786	69.86	69.85	0.01	3716.148	80.12
MW-3R	6/13/22	LNAPL	3786	69.96	69.93	0.03	3716.064	80.12
MW-3R	6/23/22	LNAPL	3786	69.99	69.98	0.01	3716.018	80.12
MW-3R	6/23/22		3786	69.95	--	--	3716.05	80.12
MW-3R	7/25/22		3786	70.03	--	--	3715.97	80.12
MW-3R	8/22/22		3786	70.1	--	--	3715.9	80.12
MW-3R	9/16/22		3786	70.12	--	--	3715.88	80.12
MW-3R	9/19/22		3786	70.14	--	--	3715.86	80.12
MW-3R	9/26/22		3786	70.14	--	--	3715.86	80.12
MW-3R	9/30/22		3786	70.17	--	--	3715.83	80.12
MW-3R	10/10/22		3786	70.18	--	--	3715.82	80.12
MW-3R	10/21/22		3786	70.2	--	--	3715.8	80.12
MW-3R	11/11/22		3786	72.3	--	--	3713.7	80.12
MW-3R	12/5/22		3786	70.46	--	--	3715.54	80.12
MW-3R	12/12/22		3786	70.48	--	--	3715.52	80.12
MW-3R	1/9/23		3786	70.44	--	--	3715.56	80.12
MW-3R	1/16/23		3786	70.39	--	--	3715.61	80.12
MW-3R	2/6/23		3786	70.53	--	--	3715.47	80.2

Table 1a

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Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-3R	2/23/23		3786	--	--	--	--	80.2
MW-3R	2/27/23		3786	--	--	--	--	80.2
MW-3R	3/6/23		3786	70.52	--	--	3715.48	80.2
MW-3R	3/23/23		3786	70.55	--	--	3715.45	80.2
MW-3R	3/27/23		3786	--	--	--	--	80.2
MW-3R	4/4/23		3786	70.52	--	--	3715.48	80.2
MW-3R	4/10/23		3786	70.56	--	--	3715.44	80.2
MW-3R	4/17/23		3786	70.55	--	--	3715.45	80.2
MW-3R	4/28/23		3786	70.6	--	--	3715.4	80.2
MW-3R	5/1/23		3786	70.61	--	--	3715.39	80.2
MW-3R	5/15/23		3786	70.61	--	--	3715.39	80.2
MW-3R	5/22/23		3786	70.61	--	--	3715.39	80.2
MW-3R	5/30/23		3786	70.61	--	--	3715.39	80.2
MW-3R	6/12/23		3786	70.58	--	--	3715.42	80.2
MW-3R	6/19/23		3786	70.67	--	--	3715.33	80.2
MW-3R	6/26/23		3786	70.56	--	--	3715.44	80.2
MW-3R	7/3/23		3786	70.63	--	--	3715.37	80.2
MW-3R	7/11/23		3786	70.64	--	--	3715.36	80.2
MW-3R	7/17/23		3786	70.63	--	--	3715.37	80.2
MW-3R	7/24/23		3786	70.59	--	--	3715.41	--
MW-3R	7/31/23		3786	71.08	--	--	3714.92	--
MW-3R	8/7/23		3786	70.82	--	--	3715.18	80.2
MW-3R	8/15/23		3786	70.76	--	--	3715.24	--
MW-3R	8/21/23		3786	70.66	--	--	3715.34	--
MW-3R	8/28/23		3786	71.89	--	--	3714.11	--
MW-3R	9/5/23		3786	70.9	--	--	3715.1	--
MW-3R	9/11/23		3786	71.09	--	--	3714.91	--
MW-3R	9/26/23		3786	70.66	--	--	3715.34	--
MW-3R	10/2/23		3786	70.62	--	--	3715.38	--
MW-3R	10/16/23		3786	70.69	--	--	3715.31	--
MW-3R	10/26/23		3786	70.78	--	--	3715.22	--
MW-3R	10/30/23		3786	70.71	--	--	3715.29	--
MW-3R	11/6/23		3786	70.96	--	--	3715.04	--
MW-3R	12/4/23		3786	70.91	--	--	3715.09	--
MW-3R	12/18/23		3786	70.86	--	--	3715.14	--
MW-3R	1/2/24		3786	70.89	--	--	3715.11	--
MW-3R	1/8/24		3786	70.84	--	--	3715.16	--
MW-3R	1/15/24		3786	70.86	--	--	3715.14	--
MW-3R	2/13/24		3786	71.11	--	--	3714.89	--
MW-3R	5/10/24		3786	71.32	--	--	3714.68	--
MW-3R	8/13/24		3786	71.54	--	--	3714.46	79.95
MW-3R	11/7/24		3786	71.77	--	--	3714.23	82.05
MW-4	1/26/21		3783.81	67.13	--	--	3716.68	--
MW-4	2/8/21		3783.81	67.05	--	--	3716.76	71.96
MW-4	3/23/21		3783.81	67.2	--	--	3716.61	--
MW-4	4/26/21		3783.81	67.26	--	--	3716.55	--
MW-4	5/10/21		3783.81	67.31	--	--	3716.5	--
MW-4	7/28/21		3783.81	67.45	--	--	3716.36	--
MW-4	8/11/21		3783.81	67.48	--	--	3716.33	--

Table 1a

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	9/27/21		3783.81	67.56	--	--	3716.25	71.96
MW-4	10/26/21		3783.81	67.63	--	--	3716.18	71.96
MW-4	11/8/21		3783.81	67.65	--	--	3716.16	71.96
MW-4	1/25/22		3783.81	67.81	--	--	3716	71.96
MW-4	2/8/22		3783.81	67.82	--	--	3715.99	72.05
MW-4	3/14/22		3783.81	67.89	--	--	3715.92	72.05
MW-4	4/15/22		3783.81	68.02	--	--	3715.79	72.05
MW-4	5/3/22		3783.81	67.99	--	--	3715.82	72.05
MW-4	6/13/22		3783.81	68.08	--	--	3715.73	72.05
MW-4	7/25/22		3783.81	68.15	--	--	3715.66	72.05
MW-4	8/22/22		3783.81	68.21	--	--	3715.6	72.05
MW-4	11/11/22		3783.81	68.36	--	--	3715.45	72.05
MW-4	2/6/23		3783.81	68.61	--	--	3715.2	72.19
MW-4	5/1/23		3783.81	68.71	--	--	3715.1	72.19
MW-4	8/7/23		3783.81	68.97	--	--	3714.84	72.19
MW-4	11/6/23		3783.81	69.03	--	--	3714.78	--
MW-4	2/13/24		3783.81	69.24	--	--	3714.57	--
MW-4	5/10/24		3783.81	69.43	--	--	3714.38	--
MW-4	8/13/24		3783.81	69.64	--	--	3714.17	72.45
MW-4	11/7/24		3783.81	69.93	--	--	3713.88	74.45
MW-5	1/26/21		3784.28	67.12	--	--	3717.16	--
MW-5	2/8/21		3784.28	67.11	--	--	3717.17	71.8
MW-5	3/23/21		3784.28	67.2	--	--	3717.08	--
MW-5	4/26/21		3784.28	67.26	--	--	3717.02	--
MW-5	5/10/21		3784.28	67.32	--	--	3716.96	--
MW-5	7/28/21		3784.28	67.46	--	--	3716.82	--
MW-5	8/11/21		3784.28	67.48	--	--	3716.8	--
MW-5	9/27/21		3784.28	67.56	--	--	3716.72	71.8
MW-5	10/26/21		3784.28	67.52	--	--	3716.76	71.8
MW-5	11/8/21		3784.28	67.52	--	--	3716.76	71.8
MW-5	1/25/22		3784.28	67.81	--	--	3716.47	71.8
MW-5	2/8/22		3784.28	67.84	--	--	3716.44	72.12
MW-5	3/14/22		3784.28	67.91	--	--	3716.37	72.12
MW-5	4/15/22		3784.28	68.02	--	--	3716.26	72.12
MW-5	5/3/22		3784.28	67.98	--	--	3716.3	72.12
MW-5	6/13/22		3784.28	68.07	--	--	3716.21	72.12
MW-5	7/25/22		3784.28	68.14	--	--	3716.14	72.12
MW-5	8/22/22		3784.28	68.2	--	--	3716.08	72.12
MW-5	11/11/22		3784.28	68.35	--	--	3715.93	72.12
MW-5	2/6/23		3784.28	68.55	--	--	3715.73	72.96
MW-5	4/10/23		3784.25	--	--	--	--	72.96
MW-5	4/17/23		3784.25	--	--	--	--	72.96
MW-5	4/28/23		3784.25	--	--	--	--	72.96
MW-5	5/1/23		3784.28	68.75	--	--	3715.53	72.96
MW-5	5/22/23		3784.25	68.76	--	--	3715.49	72.96
MW-5	5/30/23		3784.25	68.74	--	--	3715.51	72.96
MW-5	6/12/23		3784.25	--	--	--	--	72.96
MW-5	6/19/23		3784.25	--	--	--	--	--
MW-5	6/26/23		3784.25	--	--	--	--	72.96

Table 1a

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	7/3/23		3784.25	--	--	--	--	72.96
MW-5	7/11/23		3784.25	--	--	--	--	72.96
MW-5	7/17/23		3784.25	--	--	--	--	72.96
MW-5	8/7/23		3784.25	68.92	--	--	3715.33	72.96
MW-5	8/21/23	Dry	--	--	--	--	--	--
MW-5	11/6/23		3784.25	69.06	--	--	3715.19	--
MW-5	2/13/24		3784.25	69.31	--	--	3714.94	--
MW-5	5/10/24		3784.25	69.45	--	--	3714.8	--
MW-5	8/14/24		3784.25	69.86	--	--	3714.39	74.29
MW-5	11/7/24		3784.25	69.88	--	--	3714.37	72.9
MW-6	1/26/21		3785.79	68.84	--	--	3716.95	--
MW-6	2/8/21		3785.79	68.82	--	--	3716.97	73.6
MW-6	3/23/21		3785.79	68.91	--	--	3716.88	--
MW-6	4/26/21		3785.79	68.87	--	--	3716.92	--
MW-6	5/10/21		3785.79	68.01	--	--	3717.78	--
MW-6	7/28/21		3785.79	69.16	--	--	3716.63	--
MW-6	8/11/21		3785.79	69.17	--	--	3716.62	--
MW-6	9/27/21		3785.79	69.25	--	--	3716.54	73.6
MW-6	10/26/21		3785.79	69.29	--	--	3716.5	73.6
MW-6	11/8/21		3785.79	68.29	--	--	3717.5	73.6
MW-6	1/25/22		3785.79	69.5	--	--	3716.29	73.6
MW-6	2/7/22		3785.79	69.5	--	--	3716.29	73.54
MW-6	3/14/22		3785.79	69.6	--	--	3716.19	73.54
MW-6	4/15/22		3785.79	69.7	--	--	3716.09	73.54
MW-6	5/3/22		3785.79	69.7	--	--	3716.09	73.54
MW-6	6/13/22		3785.79	69.78	--	--	3716.01	73.54
MW-6	7/25/22		3785.79	69.86	--	--	3715.93	73.54
MW-6	8/22/22		3785.79	69.91	--	--	3715.88	73.54
MW-6	11/11/22		3785.79	70.05	--	--	3715.74	73.54
MW-6	2/6/23		3785.79	70.26	--	--	3715.53	73.64
MW-6	5/1/23		3785.79	70.46	--	--	3715.33	73.64
MW-6	8/7/23		3785.79	70.67	--	--	3715.12	73.64
MW-6	11/6/23		3785.79	70.76	--	--	3715.03	--
MW-6	2/13/24		3785.79	69.94	--	--	3715.85	--
MW-6	5/10/24		3785.79	71.15	--	--	3714.64	--
MW-6	8/13/24		3785.79	71.34	--	--	3714.45	73.89
MW-6	11/7/24		3785.79	71.64	--	--	3714.15	75.5
MW-7	1/26/21	LNAPL	3783.06	66.15	66	0.15	3717.031	--
MW-7	2/8/21	LNAPL	3783.06	66.15	65.59	0.56	3717.364	69.91
MW-7	3/23/21	LNAPL	3783.06	66.25	66.08	0.17	3716.948	--
MW-7	4/26/21	LNAPL	3783.06	66.3	66.14	0.16	3716.89	--
MW-7	5/10/21	LNAPL	3783.06	66.37	66.2	0.17	3716.828	--
MW-7	5/14/21	LNAPL	3783.06	66.36	66.18	0.18	3716.846	--
MW-7	5/14/21		3783.06	66.17	--	--	3716.89	--
MW-7	7/28/21	LNAPL	3783.06	66.36	66.34	0.02	3716.716	--
MW-7	8/11/21	LNAPL	3783.06	66.5	66.47	0.03	3716.584	--
MW-7	9/27/21	LNAPL	3783.06	66.5	66.47	0.03	3716.584	69.91
MW-7	10/26/21	LNAPL	3783.06	66.58	66.55	0.03	3716.504	69.91
MW-7	11/8/21	LNAPL	3783.06	66.6	66.56	0.04	3716.492	69.91

Table 1a

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Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	1/16/22		3783.06	67.44	--	--	3715.62	69.85
MW-7	1/25/22	LNAPL	3783.06	66.78	66.72	0.06	3716.329	69.91
MW-7	2/8/22	LNAPL	3783.06	66.74	66.7	0.04	3716.352	--
MW-7	3/14/22	LNAPL	3783.06	66.83	66.81	0.02	3716.246	69.85
MW-7	3/25/22	LNAPL	3783.06	66.87	66.81	0.06	3716.239	69.85
MW-7	3/25/22		3783.06	67.93	--	--	3715.13	69.85
MW-7	3/31/22		3783.06	68.83	--	--	3714.23	69.85
MW-7	4/7/22		3783.06	66.84	--	--	3716.22	69.85
MW-7	4/15/22		3783.06	66.92	--	--	3716.14	69.85
MW-7	5/3/22		3783.06	66.92	--	--	3716.14	69.85
MW-7	6/13/22		3783.06	67.01	--	--	3716.05	69.85
MW-7	6/23/22		3783.06	68.99	--	--	3714.07	69.85
MW-7	6/27/22		3783.06	66.98	--	--	3716.08	69.85
MW-7	7/25/22		3783.06	67.06	--	--	3716	69.85
MW-7	8/22/22		3783.06	67.14	--	--	3715.92	69.85
MW-7	9/16/22		3783.06	67.68	--	--	3715.38	69.85
MW-7	9/19/22		3783.06	67.16	--	--	3715.9	69.85
MW-7	9/26/22		3783.06	67.14	--	--	3715.92	69.85
MW-7	9/30/22		3783.06	67.21	--	--	3715.85	69.85
MW-7	10/10/22		3783.06	67.25	--	--	3715.81	69.85
MW-7	10/21/22		3783.06	67.23	--	--	3715.83	69.85
MW-7	10/27/22		3783.06	67.27	--	--	3715.79	69.85
MW-7	11/11/22		3783.06	67.26	--	--	3715.8	69.85
MW-7	12/5/22		3783.06	67.39	--	--	3715.67	69.85
MW-7	12/12/22		3783.06	67.37	--	--	3715.69	69.85
MW-7	12/20/22		3783.06	67.41	--	--	3715.65	69.85
MW-7	1/9/23		3783.06	67.43	--	--	3715.63	69.85
MW-7	1/16/23		3783.06	67.44	--	--	3715.62	--
MW-7	2/6/23	LNAPL	3783.06	67.96	67.69	0.27	3715.319	70.99
MW-7	2/23/23		3783.06	--	--	--	--	70.99
MW-7	2/27/23		3783.06	--	--	--	--	70.99
MW-7	3/6/23		3783.06	68.21	--	--	3714.85	70.99
MW-7	3/23/23		3783.06	67.56	--	--	3715.5	70.99
MW-7	3/27/23		3783.06	--	--	--	--	70.99
MW-7	4/4/23		3783.06	67.75	--	--	3715.31	70.99
MW-7	4/10/23		3783.06	67.6	--	--	3715.46	70.99
MW-7	4/17/23		3783.06	67.61	--	--	3715.45	70.99
MW-7	4/28/23		3783.06	67.76	--	--	3715.3	70.99
MW-7	5/1/23		3783.06	67.65	--	--	3715.41	70.99
MW-7	5/15/23		3783.06	67.67	--	--	3715.39	70.99
MW-7	5/22/23		3783.06	67.67	--	--	3715.39	70.99
MW-7	5/30/23		3783.06	67.61	--	--	3715.45	70.99
MW-7	6/12/23		3783.06	67.62	--	--	3715.44	70.99
MW-7	6/19/23		3783.06	67.72	--	--	3715.34	70.99
MW-7	6/26/23		3783.06	67.68	--	--	3715.38	70.99
MW-7	7/3/23		3783.06	67.69	--	--	3715.37	70.99
MW-7	7/11/23		3783.06	67.6	--	--	3715.46	70.99
MW-7	7/17/23		3783.06	67.62	--	--	3715.44	70.99
MW-7	7/24/23		3783.06	67.67	--	--	3715.39	--

Table 1a

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	7/31/23		3783.06	68.11	--	--	3714.95	--
MW-7	8/7/23		3783.06	67.88	--	--	3715.18	70.99
MW-7	8/15/23		3783.06	67.61	--	--	3715.45	--
MW-7	8/21/23		3783.06	67.64	--	--	3715.42	--
MW-7	8/28/23		3783.06	68.01	--	--	3715.05	--
MW-7	9/5/23		3783.06	68.11	--	--	3714.95	--
MW-7	9/11/23		3783.06	68.06	--	--	3715	--
MW-7	9/26/23		3783.06	67.64	--	--	3715.42	--
MW-7	10/2/23		3783.06	67.63	--	--	3715.43	--
MW-7	10/16/23		3783.06	67.54	--	--	3715.52	--
MW-7	10/26/23		3783.06	67.59	--	--	3715.47	--
MW-7	10/30/23		3783.06	67.55	--	--	3715.51	--
MW-7	11/6/23		3783.06	67.97	--	--	3715.09	--
MW-7	12/4/23		3783.06	67.96	--	--	3715.1	--
MW-7	12/18/23		3783.06	67.91	--	--	3715.15	--
MW-7	1/2/24		3783.06	67.96	--	--	3715.1	--
MW-7	1/8/24		3783.06	67.93	--	--	3715.13	--
MW-7	1/15/24		3783.06	67.92	--	--	3715.14	--
MW-7	2/13/24		3783.06	68.14	--	--	3714.92	--
MW-7	5/10/24		3783.06	68.4	--	--	3714.66	--
MW-7	8/13/24		3783.06	68.55	--	--	3714.51	70.85
MW-7	11/7/24		3783.06	68.84	--	--	3714.22	72.37
MW-8	1/26/21		3785.88	68.13	--	--	3717.75	--
MW-8	2/8/21		3785.88	68.09	--	--	3717.79	74.1
MW-8	3/23/21		3785.88	68.18	--	--	3717.7	--
MW-8	4/26/21		3785.88	68.24	--	--	3717.64	--
MW-8	5/10/21		3785.88	68.31	--	--	3717.57	--
MW-8	7/28/21		3785.88	68.44	--	--	3717.44	--
MW-8	8/11/21		3785.88	68.47	--	--	3717.41	--
MW-8	9/27/21		3785.88	68.57	--	--	3717.31	74.1
MW-8	10/26/21		3785.88	68.59	--	--	3717.29	74.1
MW-8	11/8/21		3785.88	68.62	--	--	3717.26	74.1
MW-8	1/25/22		3785.88	68.8	--	--	3717.08	74.1
MW-8	2/7/22		3785.88	68.83	--	--	3717.05	73.98
MW-8	3/14/22		3785.88	68.88	--	--	3717	73.98
MW-8	4/15/22		3785.88	69.02	--	--	3716.86	73.98
MW-8	5/3/22		3785.88	69.01	--	--	3716.87	73.98
MW-8	6/13/22		3785.88	69.07	--	--	3716.81	73.98
MW-8	7/25/22		3785.88	69.86	--	--	3716.02	73.98
MW-8	8/22/22		3785.88	69.21	--	--	3716.67	73.98
MW-8	11/11/22		3785.88	69.38	--	--	3716.5	73.98
MW-8	2/6/23		3785.88	69.55	--	--	3716.33	73.98
MW-8	5/1/23		3785.88	69.76	--	--	3716.12	73.98
MW-8	8/7/23		3785.88	69.91	--	--	3715.97	73.98
MW-8	11/6/23		3785.88	70.06	--	--	3715.82	--
MW-8	2/13/24		3785.88	70.24	--	--	3715.64	--
MW-8	5/10/24		3785.88	70.46	--	--	3715.42	--
MW-8	8/14/24		3785.88	69.73	--	--	3716.15	76.38
MW-8	11/7/24		3785.88	70.88	--	--	3715	74.1

Table 1a

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Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-9	1/26/21		3784.08	67.17	--	--	3716.91	--
MW-9	2/8/21		3784.08	67.08	--	--	3717	73.25
MW-9	3/23/21		3784.08	67.17	--	--	3716.91	--
MW-9	4/26/21		3784.08	67.22	--	--	3716.86	--
MW-9	5/10/21		3784.08	67.28	--	--	3716.8	--
MW-9	7/28/21		3784.08	67.42	--	--	3716.66	--
MW-9	8/11/21		3784.08	67.45	--	--	3716.63	--
MW-9	9/27/21		3784.08	67.53	--	--	3716.55	73.25
MW-9	10/26/21		3784.08	67.57	--	--	3716.51	73.25
MW-9	11/8/21		3784.08	67.59	--	--	3716.49	73.25
MW-9	1/25/22		3784.08	67.76	--	--	3716.32	73.25
MW-9	2/7/22		3784.08	67.77	--	--	3716.31	73.05
MW-9	3/14/22		3784.08	69.84	--	--	3714.24	73.05
MW-9	4/15/22		3784.08	67.97	--	--	3716.11	73.05
MW-9	5/3/22		3784.08	67.95	--	--	3716.13	73.05
MW-9	6/13/22		3784.08	68.03	--	--	3716.05	73.05
MW-9	7/25/22		3784.08	68.11	--	--	3715.97	73.05
MW-9	8/22/22		3784.08	68.15	--	--	3715.93	73.05
MW-9	11/11/22		3784.08	68.31	--	--	3715.77	73.05
MW-9	2/6/23		3784.08	68.52	--	--	3715.56	73.13
MW-9	5/1/23		3784.08	68.68	--	--	3715.4	73.13
MW-9	8/7/23		3784.08	68.89	--	--	3715.19	73.13
MW-9	11/6/23		3784.08	69.02	--	--	3715.06	--
MW-9	2/13/24		3784.08	69.18	--	--	3714.9	--
MW-9	5/10/24		3784.08	69.4	--	--	3714.68	--
MW-9	8/14/24		3784.08	69.69	--	--	3714.39	74.75
MW-9	11/7/24		3784.08	69.83	--	--	3714.25	73.28
MW-10	1/26/21		3782.15	65.28	--	--	3716.87	--
MW-10	2/8/21		3782.15	65.27	--	--	3716.88	66.5
MW-10	3/23/21		3782.15	65.36	--	--	3716.79	--
MW-10	4/26/21		3782.15	65.42	--	--	3716.73	--
MW-10	5/10/21		3782.15	65.47	--	--	3716.68	--
MW-10	7/28/21		3782.15	65.63	--	--	3716.52	--
MW-10	8/11/21		3782.15	65.65	--	--	3716.5	--
MW-10	9/27/21		3782.15	65.72	--	--	3716.43	66.5
MW-10	10/26/21		3782.15	65.77	--	--	3716.38	66.5
MW-10	11/8/21		3782.15	65.79	--	--	3716.36	66.5
MW-10	1/25/22		3782.15	65.95	--	--	3716.2	66.5
MW-10	2/7/22		3782.15	66	--	--	3716.15	66.6
MW-10	3/14/22		3782.15	66.03	--	--	3716.12	66.6
MW-10	4/15/22		3782.15	66.16	--	--	3715.99	66.6
MW-10	5/3/22		3782.15	66.15	--	--	3716	66.6
MW-10	6/13/22		3782.15	66.22	--	--	3715.93	66.6
MW-10	7/25/22		3782.15	68.31	--	--	3713.84	66.6
MW-10	8/22/22		3782.15	66.36	--	--	3715.79	66.6
MW-10	11/11/22	Dry	3782.15	--	--	--	--	66.6
MW-10	2/6/23	Dry	3782.15	--	--	--	--	66.58
MW-10	5/1/23	Dry	3782.15	--	--	--	--	66.58
MW-10	8/7/23	Dry	3782.15	--	--	--	--	66.58

Table 1a

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	11/6/23	Dry	--	--	--	--	--	--
MW-10	2/13/24	Dry	3782.15	--	--	--	--	66.58
MW-10	5/10/24	Dry	3782.15	--	--	--	--	--
MW-10	8/13/24	Dry	3782.15	--	--	--	--	66.58
MW-10	11/7/24	Dry	3782.15	--	--	--	--	66.65
MW-12	1/26/21		3780.75	64.48	--	--	3716.27	--
MW-12	2/8/21		3780.75	64.51	--	--	3716.24	67.32
MW-12	3/23/21		3780.75	64.6	--	--	3716.15	--
MW-12	4/26/21		3780.75	64.62	--	--	3716.13	--
MW-12	5/10/21		3780.75	64.67	--	--	3716.08	--
MW-12	7/28/21		3780.75	64.82	--	--	3715.93	--
MW-12	8/11/21		3780.75	64.83	--	--	3715.92	--
MW-12	9/27/21		3780.75	64.92	--	--	3715.83	67.32
MW-12	10/26/21		3780.75	64.97	--	--	3715.78	67.32
MW-12	11/8/21		3780.75	64.99	--	--	3715.76	67.32
MW-12	1/25/22		3780.75	65.14	--	--	3715.61	67.32
MW-12	2/8/22		3780.75	65.16	--	--	3715.59	67.82
MW-12	3/14/22		3780.75	65.22	--	--	3715.53	67.82
MW-12	4/15/22		3780.75	65.35	--	--	3715.4	67.82
MW-12	5/3/22		3780.75	65.36	--	--	3715.39	67.82
MW-12	6/13/22		3780.75	65.49	--	--	3715.26	67.82
MW-12	7/25/22		3780.75	65.51	--	--	3715.24	67.82
MW-12	8/22/22		3780.75	65.57	--	--	3715.18	67.82
MW-12	11/11/22		3780.75	65.69	--	--	3715.06	67.82
MW-12	2/6/23		3780.75	65.94	--	--	3714.81	67.64
MW-12	5/1/23		3780.75	65.94	--	--	3714.81	67.64
MW-12	8/7/23		3780.75	66.39	--	--	3714.36	67.64
MW-12	11/6/23		3780.75	66.37	--	--	3714.38	--
MW-12	2/13/24		3780.75	66.57	--	--	3714.18	--
MW-12	5/10/24		3780.75	66.8	--	--	3713.95	--
MW-12	8/13/24	Dry	3780.75	--	--	--	--	68.71
MW-12	11/7/24		3780.75	67.16	--	--	3713.59	68
MW-15	1/26/21		3782.34	66.91	--	--	3715.43	--
MW-15	2/8/21		3782.34	66.92	--	--	3715.42	67.1
MW-15	3/23/21		3782.34	67	--	--	3715.34	67.21
MW-15	4/26/21		3782.34	67.02	--	--	3715.32	--
MW-15	5/10/21		3782.34	67.1	--	--	3715.24	67.2
MW-15	7/28/21		3782.34	67.08	--	--	3715.26	67.2
MW-15	8/11/21		3782.34	67.13	--	--	3715.21	67.2
MW-15	9/27/21	Dry	3782.34	--	--	--	--	67.1
MW-15	10/26/21	Dry	3782.34	--	--	--	--	67.1
MW-15	11/8/21	Dry	3782.34	--	--	--	--	67.1
MW-15	1/25/22	Dry	3782.34	--	--	--	--	67.1
MW-15	2/7/22	Dry	3782.34	--	--	--	--	67.13
MW-15	3/14/22	Dry	3782.34	--	--	--	--	67.13
MW-15	4/15/22	Dry	3782.34	--	--	--	--	67.13
MW-15	5/3/22	Dry	3782.34	--	--	--	--	67.13
MW-15	6/13/22	Dry	3782.34	--	--	--	--	67.13
MW-15	7/25/22	Dry	3782.34	--	--	--	--	67.13

Table 1a

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	8/22/22	Dry	3782.34	--	--	--	--	67.13
MW-15	11/11/22	Dry	3782.34	--	--	--	--	67.13
MW-15	2/6/23	Dry	3782.34	--	--	--	--	67.08
MW-15	5/1/23	Dry	3782.34	--	--	--	--	67.08
MW-15	8/7/23	Dry	3782.34	--	--	--	--	67.08
MW-15	11/6/23	Dry	--	--	--	--	--	--
MW-15	2/13/24	Dry	3782.34	--	--	--	--	67.08
MW-15	5/10/24	Dry	3782.34	--	--	--	--	--
MW-15	8/13/24	Dry	3782.34	--	--	--	--	67.08
MW-15	11/7/24	Dry	3782.34	--	--	--	--	67.15
MW-17	1/26/21		3784.4	67.56	--	--	3716.84	--
MW-17	2/8/21		3784.4	67.57	--	--	3716.83	75.15
MW-17	3/23/21		3784.4	67.62	--	--	3716.78	--
MW-17	4/26/21		3784.4	67.47	--	--	3716.93	--
MW-17	5/10/21		3784.4	67.75	--	--	3716.65	--
MW-17	7/28/21		3784.4	67.67	--	--	3716.73	--
MW-17	8/11/21		3784.4	67.92	--	--	3716.48	--
MW-17	9/27/21		3784.4	68	--	--	3716.4	75.15
MW-17	10/26/21		3784.4	68.03	--	--	3716.37	75.15
MW-17	11/8/21		3784.4	68.05	--	--	3716.35	75.15
MW-17	1/25/22		3784.4	68.22	--	--	3716.18	75.15
MW-17	2/8/22		3784.4	68.24	--	--	3716.16	74.98
MW-17	3/14/22		3784.4	68.34	--	--	3716.06	74.98
MW-17	4/15/22		3784.4	68.45	--	--	3715.95	74.98
MW-17	5/3/22		3784.4	68.41	--	--	3715.99	74.98
MW-17	6/13/22		3784.4	68.51	--	--	3715.89	74.98
MW-17	7/25/22		3784.4	68.57	--	--	3715.83	74.98
MW-17	8/22/22		3784.4	68.64	--	--	3715.76	74.98
MW-17	9/16/22		3784.4	68.67	--	--	3715.73	74.98
MW-17	9/19/22		3784.4	68.68	--	--	3715.72	74.98
MW-17	9/26/22		3784.4	68.69	--	--	3715.71	74.98
MW-17	9/30/22		3784.4	68.71	--	--	3715.69	74.98
MW-17	10/10/22		3784.4	68.74	--	--	3715.66	74.98
MW-17	10/21/22		3784.4	68.76	--	--	3715.64	74.98
MW-17	10/27/22		3784.4	68.77	--	--	3715.63	74.98
MW-17	11/11/22		3784.4	68.79	--	--	3715.61	74.98
MW-17	12/5/22		3784.4	68.81	--	--	3715.59	74.98
MW-17	12/12/22		3784.4	68.89	--	--	3715.51	74.98
MW-17	12/20/22		3784.4	68.91	--	--	3715.49	74.98
MW-17	1/9/23		3784.4	68.91	--	--	3715.49	74.98
MW-17	1/16/23		3784.4	68.95	--	--	3715.45	74.98
MW-17	2/6/23		3784.4	69.02	--	--	3715.38	75.09
MW-17	2/23/23		3784.4	--	--	--	--	75.09
MW-17	2/27/23		3784.4	--	--	--	--	75.09
MW-17	3/6/23		3784.4	69.02	--	--	3715.38	75.09
MW-17	3/23/23		3784.4	69.14	--	--	3715.26	75.09
MW-17	3/27/23		3784.4	--	--	--	--	75.09
MW-17	4/4/23		3784.4	69.09	--	--	3715.31	75.09
MW-17	4/10/23		3784.4	69.11	--	--	3715.29	75.09

Table 1a

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	4/17/23		3784.4	69.1	--	--	3715.3	75.09
MW-17	4/28/23		3784.4	69.16	--	--	3715.24	75.09
MW-17	5/1/23		3784.4	69.14	--	--	3715.26	75.09
MW-17	5/15/23		3784.4	69.18	--	--	3715.22	75.09
MW-17	5/22/23		3784.4	69.18	--	--	3715.22	75.09
MW-17	5/30/23		3784.4	69.08	--	--	3715.32	75.09
MW-17	6/12/23		3784.4	69.04	--	--	3715.36	75.09
MW-17	6/19/23		3784.4	69.15	--	--	3715.25	75.09
MW-17	6/26/23		3784.4	69.24	--	--	3715.16	75.09
MW-17	7/3/23		3784.4	69.3	--	--	3715.1	75.09
MW-17	7/11/23		3784.4	69.35	--	--	3715.05	75.09
MW-17	7/17/23		3784.4	69.32	--	--	3715.08	75.09
MW-17	7/24/23		3784.4	69.3	--	--	3715.1	--
MW-17	7/31/23		3784.4	69.29	--	--	3715.11	--
MW-17	8/7/23		3784.4	69.41	--	--	3714.99	75.09
MW-17	8/15/23		3784.4	69.26	--	--	3715.14	--
MW-17	8/21/23		3784.4	69.37	--	--	3715.03	--
MW-17	8/28/23		3784.4	69.42	--	--	3714.98	--
MW-17	9/5/23		3784.4	69.34	--	--	3715.06	--
MW-17	9/11/23		3784.4	69.73	--	--	3714.67	--
MW-17	9/26/23		3784.4	69.37	--	--	3715.03	--
MW-17	10/2/23		3784.4	69.39	--	--	3715.01	--
MW-17	10/16/23		3784.4	69.46	--	--	3714.94	--
MW-17	10/26/23		3784.4	69.56	--	--	3714.84	--
MW-17	10/30/23		3784.4	69.58	--	--	3714.82	--
MW-17	11/6/23		3784.4	69.37	--	--	3715.03	--
MW-17	12/4/23		3784.4	69.41	--	--	3714.99	--
MW-17	12/18/23		3784.4	69.49	--	--	3714.91	--
MW-17	1/2/24		3784.4	69.48	--	--	3714.92	--
MW-17	1/8/24		3784.4	69.47	--	--	3714.93	--
MW-17	1/15/24		3784.4	69.54	--	--	3714.86	--
MW-17	2/13/24		3784.4	69.64	--	--	3714.76	--
MW-17	5/10/24		3784.4	69.88	--	--	3714.52	--
MW-17	8/13/24		3784.4	70.09	--	--	3714.31	75.12
MW-17	11/7/24		3784.4	70.32	--	--	3714.08	76.28
MW-18	1/26/21		3786.46	69.38	--	--	3717.08	--
MW-18	2/8/21		3786.46	69.39	--	--	3717.07	88.06
MW-18	3/23/21		3786.46	69.17	--	--	3717.29	--
MW-18	4/26/21		3786.46	69.54	--	--	3716.92	--
MW-18	5/10/21		3786.46	69.57	--	--	3716.89	--
MW-18	7/28/21		3786.46	69.72	--	--	3716.74	--
MW-18	8/11/21		3786.46	69.75	--	--	3716.71	--
MW-18	9/27/21		3786.46	69.83	--	--	3716.63	88.06
MW-18	10/26/21		3786.46	69.89	--	--	3716.57	88.06
MW-18	11/8/21		3786.46	69.91	--	--	3716.55	88.06
MW-18	1/25/22		3786.46	70.06	--	--	3716.4	88.06
MW-18	2/7/22		3786.46	70.09	--	--	3716.37	88.25
MW-18	3/14/22		3786.46	70.16	--	--	3716.3	88.25
MW-18	4/15/22		3786.46	70.28	--	--	3716.18	88.25

Table 1a

Summary of Groundwater Gauging and Elevation Data (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	5/3/22		3786.46	70.25	--	--	3716.21	88.25
MW-18	6/13/22		3786.46	70.34	--	--	3716.12	88.25
MW-18	7/25/22		3786.46	70.42	--	--	3716.04	88.25
MW-18	8/22/22		3786.46	70.47	--	--	3715.99	88.25
MW-18	11/11/22		3786.46	70.63	--	--	3715.83	88.25
MW-18	2/6/23		3786.46	70.81	--	--	3715.65	88.19
MW-18	5/1/23		3786.46	71.02	--	--	3715.44	88.19
MW-18	8/7/23		3786.46	71.19	--	--	3715.27	88.19
MW-18	11/6/23		3786.46	73.31	--	--	3713.15	--
MW-18	2/13/24		3786.46	71.5	--	--	3714.96	--
MW-18	5/10/24		3786.46	71.72	--	--	3714.74	--
MW-18	8/14/24		3786.46	71.98	--	--	3714.48	88.91
MW-18	11/7/24		3786.46	72.14	--	--	3714.32	88.09
MW-19	1/26/21		3783.49	67.06	--	--	3716.43	--
MW-19	2/8/21		3783.49	67.07	--	--	3716.42	85.1
MW-19	3/23/21		3783.49	67.13	--	--	3716.36	--
MW-19	4/26/21		3783.49	67.2	--	--	3716.29	--
MW-19	5/10/21		3783.49	67.25	--	--	3716.24	--
MW-19	7/28/21		3783.49	67.38	--	--	3716.11	--
MW-19	8/11/21		3783.49	67.43	--	--	3716.06	--
MW-19	9/27/21		3783.49	67.5	--	--	3715.99	85.1
MW-19	10/26/21		3783.49	67.54	--	--	3715.95	85.1
MW-19	11/8/21		3783.49	67.56	--	--	3715.93	85.1
MW-19	1/25/22		3783.49	67.73	--	--	3715.76	85.1
MW-19	2/7/22		3783.49	67.75	--	--	3715.74	85.65
MW-19	3/14/22		3783.49	67.82	--	--	3715.67	85.65
MW-19	4/15/22		3783.49	67.95	--	--	3715.54	85.65
MW-19	5/3/22		3783.49	67.91	--	--	3715.58	85.65
MW-19	6/13/22		3783.49	68	--	--	3715.49	85.65
MW-19	7/25/22		3783.49	68.08	--	--	3715.41	85.65
MW-19	8/22/22		3783.49	68.14	--	--	3715.35	85.65
MW-19	11/11/22		3783.49	68.29	--	--	3715.2	85.65
MW-19	2/6/23		3783.49	68.49	--	--	3715	84.72
MW-19	5/1/23		3783.49	68.74	--	--	3714.75	84.72
MW-19	8/7/23		3783.49	68.82	--	--	3714.67	84.72
MW-19	11/6/23		3783.49	68.96	--	--	3714.53	--
MW-19	2/13/24		3783.49	69.15	--	--	3714.34	--
MW-19	5/10/24		3783.49	69.4	--	--	3714.09	--
MW-19	8/13/24		3783.49	69.57	--	--	3713.92	85.45
MW-19	11/7/24		3783.49	69.8	--	--	3713.69	85.35
MW-20	1/26/21		3781.34	65.35	--	--	3715.99	--
MW-20	2/8/21		3781.34	65.36	--	--	3715.98	88.06
MW-20	3/23/21		3781.34	65.44	--	--	3715.9	--
MW-20	4/26/21		3781.34	65.48	--	--	3715.86	--
MW-20	5/10/21		3781.34	65.55	--	--	3715.79	--
MW-20	7/28/21		3781.34	65.67	--	--	3715.67	--
MW-20	8/11/21		3781.34	65.7	--	--	3715.64	--
MW-20	9/27/21		3781.34	65.79	--	--	3715.55	88.06
MW-20	10/26/21		3781.34	65.83	--	--	3715.51	88.06

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Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-20	11/8/21		3781.34	65.85	--	--	3715.49	88.06
MW-20	1/25/22		3781.34	66.02	--	--	3715.32	88.06
MW-20	2/8/22		3781.34	66.03	--	--	3715.31	87.8
MW-20	3/14/22		3781.34	66.11	--	--	3715.23	87.8
MW-20	4/15/22		3781.34	66.22	--	--	3715.12	87.8
MW-20	5/3/22		3781.34	66.21	--	--	3715.13	87.8
MW-20	6/13/22		3781.34	66.29	--	--	3715.05	87.8
MW-20	7/25/22		3781.34	66.35	--	--	3714.99	87.8
MW-20	8/22/22		3781.34	66.43	--	--	3714.91	87.8
MW-20	11/11/22		3781.34	66.57	--	--	3714.77	87.8
MW-20	2/6/23		3781.34	66.78	--	--	3714.56	87.61
MW-20	5/1/23		3781.34	67.01	--	--	3714.33	87.61
MW-20	8/7/23		3781.34	67.1	--	--	3714.24	87.61
MW-20	11/6/23		3781.34	66.23	--	--	3715.11	--
MW-20	2/13/24		3781.34	67.42	--	--	3713.92	--
MW-20	5/10/24		3781.34	67.65	--	--	3713.69	--
MW-20	8/13/24		3781.34	67.85	--	--	3713.49	88.1
MW-20	11/7/24		3781.34	68.08	--	--	3713.26	88.73

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)

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-1	6/16/11	LNAPL	3785.4	63.15	63.14	0.01	3722.258	63.8
MW-1	9/7/11	LNAPL	3785.4	63.24	63.17	0.07	3722.217	64.23
MW-1	11/28/11	LNAPL	3785.4	63.41	63.37	0.04	3722.022	64.75
MW-1	3/5/12	LNAPL	3785.4	63.62	63.51	0.11	3721.869	64.71
MW-1	6/5/12	Dry	3785.4	--	--	--	--	63.55
MW-1	9/10/12	Dry	3785.4	--	--	--	--	62.8
MW-1	12/3/12	Dry	3785.4	--	--	--	--	--
MW-1	3/5/13	Dry	3785.4	--	--	--	--	62.4
MW-1	5/28/13	Dry	3785.4	--	--	--	--	62.65
MW-1	8/28/13	Dry	3785.4	--	--	--	--	62.92
MW-1	11/11/13	Dry	3785.4	--	--	--	--	62.85
MW-1	2/25/14	Dry	3785.4	--	--	--	--	62.3
MW-1	5/28/14	Dry	3785.4	--	--	--	--	62.3
MW-1	9/2/14	Dry	3785.4	--	--	--	--	62.3
MW-1	9/16/14		--	--	--	--	--	--
MW-1R	6/1/14		3780.37	62.25	--	--	3718.12	76.15
MW-1R	8/31/14		3782.75	63.75	--	--	3719	74.4
MW-1R	10/8/14		3780.37	65.37	--	--	3715	--
MW-1R	11/18/14		3780.37	61.95	--	--	3718.42	76.82
MW-1R	3/3/15		3780.37	62.11	--	--	3718.26	76.15
MW-1R	8/10/15		3780.37	62.39	--	--	3717.98	76.15
MW-1R	11/16/15		3780.37	--	--	--	--	--
MW-1R	11/30/15		3780.37	62.82	--	--	3717.55	76.15
MW-1R	2/9/16		3780.37	62.94	--	--	3717.43	76.88
MW-1R	5/23/16		3780.37	62.9	--	--	3717.47	76.88
MW-1R	6/7/16		3780.37	--	--	--	--	--
MW-1R	6/14/16		3780.37	--	--	--	--	--
MW-1R	6/20/16		3780.37	--	--	--	--	--
MW-1R	7/5/16		3780.37	--	--	--	--	--
MW-1R	7/27/16		3780.37	--	--	--	--	--
MW-1R	8/10/16		3780.37	--	--	--	--	--
MW-1R	8/30/16		3780.37	63.13	--	--	3717.24	76.88
MW-1R	8/31/16		3780.37	--	--	--	--	--
MW-1R	9/12/16		3780.37	--	--	--	--	--
MW-1R	9/27/16		3780.37	--	--	--	--	--
MW-1R	10/11/16		3780.37	--	--	--	--	--
MW-1R	10/31/16		3780.37	63.18	--	--	3717.19	76.88
MW-1R	11/3/16		3780.37	--	--	--	--	--
MW-1R	12/6/16		3780.37	--	--	--	--	--
MW-1R	1/10/17		3780.37	--	--	--	--	--
MW-1R	1/24/17		3780.37	--	--	--	--	--
MW-1R	2/8/17		3780.37	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	2/27/17		3780.37	63.32	--	--	3717.05	76.18
MW-1R	3/1/17		3780.37	--	--	--	--	--
MW-1R	4/3/17		3780.37	--	--	--	--	--
MW-1R	5/16/17		3780.37	--	--	--	--	--
MW-1R	5/30/17		3780.37	63.56	--	--	3716.81	76.2
MW-1R	6/1/17		3780.37	--	--	--	--	--
MW-1R	6/13/17		3780.37	--	--	--	--	--
MW-1R	6/28/17		3782.75	--	--	--	--	--
MW-1R	7/5/17		3782.75	--	--	--	--	--
MW-1R	7/14/17		3782.75	--	--	--	--	--
MW-1R	8/31/17		3782.75	--	--	--	--	--
MW-1R	9/5/17		3782.75	--	--	--	--	--
MW-1R	11/28/17		3782.75	63.9	--	--	3718.85	67.43
MW-1R	11/30/17		3782.75	--	--	--	--	--
MW-1R	12/12/17		3782.75	--	--	--	--	--
MW-1R	2/15/18		3782.75	--	--	--	--	--
MW-1R	2/26/18		3782.75	64.02	--	--	3718.73	67.96
MW-1R	3/2/18		3782.75	--	--	--	--	--
MW-1R	5/29/18		3782.75	64.15	--	--	3718.6	67.91
MW-1R	5/30/18		3782.75	--	--	--	--	--
MW-1R	8/29/18		3782.75	64.34	--	--	3718.41	67.96
MW-1R	11/26/18		3782.75	64.55	--	--	3718.2	--
MW-1R	2/25/19		3782.75	64.72	--	--	3718.03	--
MW-1R	2/27/19		3782.75	--	--	--	--	--
MW-1R	5/20/19		3782.75	64.85	--	--	3717.9	--
MW-1R	5/21/19		3782.75	--	--	--	--	--
MW-1R	6/11/19		3782.75	--	--	--	--	--
MW-1R	7/23/19		3782.75	63.97	--	--	3718.78	--
MW-1R	7/26/19		3782.75	--	--	--	--	--
MW-1R	7/31/19		3782.75	65	--	--	3717.75	--
MW-1R	8/21/19		3782.75	--	--	--	--	--
MW-1R	9/3/19		3782.75	--	--	--	--	--
MW-1R	9/11/19		3782.75	--	--	--	--	--
MW-1R	10/22/19		3782.75	65.12	--	--	3717.63	--
MW-1R	2/10/20		3782.75	65.36	--	--	3717.39	68.5
MW-1R	3/18/20		3782.75	--	--	--	--	--
MW-1R	4/27/20		3782.75	65.49	--	--	3717.26	--
MW-1R	5/11/20		3782.75	65.51	--	--	3717.24	--
MW-1R	6/18/20		3782.75	65.6	--	--	3717.15	--
MW-1R	7/27/20		3782.75	65.66	--	--	3717.09	--
MW-1R	8/27/20		3782.75	65.71	--	--	3717.04	--
MW-1R	9/15/20		3782.75	65.75	--	--	3717	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	10/29/20		3782.75	65.86	--	--	3716.89	--
MW-1R	12/11/20		3782.75	65.95	--	--	3716.8	--
MW-2	6/16/11		3783.74	61.08	--	--	3722.66	62
MW-2	9/7/11		3783.74	61.26	--	--	3722.48	62.34
MW-2	11/28/11		3783.74	61.34	--	--	3722.4	62.97
MW-2	3/5/12		3783.74	61.47	--	--	3722.27	62.89
MW-2	6/5/12		3783.74	61.64	--	--	3722.1	62.2
MW-2	9/10/12		3783.74	61.8	--	--	3721.94	62.15
MW-2	12/3/12		3783.74	61.91	--	--	3721.83	62.03
MW-2	3/5/13	Dry	3783.74	--	--	--	--	62.08
MW-2	5/28/13	Dry	3783.74	--	--	--	--	62
MW-2	8/28/13	Dry	3783.74	--	--	--	--	62.11
MW-2	11/11/13	Dry	3783.74	--	--	--	--	62.05
MW-2	2/25/14	Dry	3783.74	--	--	--	--	62.08
MW-2	5/28/14	Dry	3783.74	--	--	--	--	62.08
MW-2	9/2/14	Dry	3783.74	--	--	--	--	62.08
MW-2	9/16/14		--	--	--	--	--	--
MW-2R	10/8/14		3781.82	63.7	--	--	3718.12	80.17
MW-2R	11/18/14		3781.82	63.55	--	--	3718.27	--
MW-2R	3/3/15		3781.82	63.71	--	--	3718.11	80.2
MW-2R	6/1/15		3781.82	63.83	--	--	3717.99	80.2
MW-2R	8/10/15		3781.82	64	--	--	3717.82	80.2
MW-2R	11/30/15		3781.82	64.24	--	--	3717.58	80.2
MW-2R	2/9/16		3781.82	64.31	--	--	3717.51	80.23
MW-2R	5/23/16		3781.82	64.53	--	--	3717.29	80.23
MW-2R	8/30/16		3781.82	65.22	--	--	3716.6	80.23
MW-2R	8/31/16		3781.82	--	--	--	--	--
MW-2R	10/31/16		3781.82	65.15	--	--	3716.67	80.23
MW-2R	2/27/17		3781.82	64.98	--	--	3716.84	80.06
MW-2R	3/1/17		3781.82	--	--	--	--	--
MW-2R	5/2/17		3781.82	--	--	--	--	--
MW-2R	5/30/17		3781.82	65.17	--	--	3716.65	79.88
MW-2R	6/1/17		3781.82	--	--	--	--	--
MW-2R	8/31/17		3784.17	65.34	--	--	3718.83	79.95
MW-2R	11/28/17		3784.17	65.49	--	--	3718.68	79.88
MW-2R	11/30/17		3784.17	--	--	--	--	--
MW-2R	2/26/18		3784.17	65.63	--	--	3718.54	79.81
MW-2R	3/2/18		3784.17	--	--	--	--	--
MW-2R	5/29/18		3784.17	65.75	--	--	3718.42	79.74
MW-2R	5/30/18		3784.17	--	--	--	--	--
MW-2R	8/29/18		3784.17	65.94	--	--	3718.23	79.6
MW-2R	11/26/18		3784.17	66.14	--	--	3718.03	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-2R	2/25/19		3784.17	66.31	--	--	3717.86	--
MW-2R	2/27/19		3784.17	--	--	--	--	--
MW-2R	5/20/19		3784.17	66.45	--	--	3717.72	--
MW-2R	5/21/19		3784.17	--	--	--	--	--
MW-2R	7/23/19		3784.17	66.55	--	--	3717.62	--
MW-2R	7/26/19		3784.17	--	--	--	--	--
MW-2R	10/22/19		3784.17	66.75	--	--	3717.42	--
MW-2R	2/10/20		3784.17	66.96	--	--	3717.21	79.8
MW-2R	4/27/20		3784.17	67.1	--	--	3717.07	--
MW-2R	5/11/20		3784.17	67.12	--	--	3717.05	--
MW-2R	6/18/20		3784.17	67.2	--	--	3716.97	--
MW-2R	7/27/20		3784.17	67.25	--	--	3716.92	--
MW-2R	8/27/20		3784.17	67.32	--	--	3716.85	--
MW-2R	9/15/20		3784.17	67.36	--	--	3716.81	--
MW-2R	10/29/20		3784.17	67.47	--	--	3716.7	--
MW-2R	12/11/20		3784.17	67.53	--	--	3716.64	--
MW-3	6/16/11	LNAPL	3783.45	--	59.22	--	--	60.3
MW-3	8/1/11	LNAPL	3783.45	--	59.37	--	--	61.91
MW-3	8/10/11	LNAPL	3783.45	60.11	59.31	0.8	3723.988	--
MW-3	8/17/11	LNAPL	3783.45	60.14	59.7	0.44	3723.667	--
MW-3	8/23/11	LNAPL	3783.45	60.2	59.88	0.32	3723.509	--
MW-3	9/7/11	LNAPL	3783.45	60.31	59.96	0.35	3723.424	60.92
MW-3	9/21/11	LNAPL	3783.45	60.3	59.88	0.42	3723.49	--
MW-3	9/28/11	LNAPL	3783.45	60.28	59.81	0.47	3723.551	--
MW-3	10/5/11	LNAPL	3783.45	60.31	59.81	0.5	3723.545	--
MW-3	10/12/11	LNAPL	3783.45	60.3	59.82	0.48	3723.539	--
MW-3	10/19/11	LNAPL	3783.45	60.3	59.89	0.41	3723.482	--
MW-3	10/20/11	LNAPL	3783.45	60.3	59.92	0.38	3723.458	--
MW-3	11/1/11	LNAPL	3783.45	60.31	59.9	0.41	3723.472	--
MW-3	11/9/11	LNAPL	3783.45	60.29	59.95	0.34	3723.435	--
MW-3	11/16/11	LNAPL	3783.45	60.27	59.81	0.46	3723.552	--
MW-3	11/22/11		3783.45	--	--	--	--	--
MW-3	11/28/11		3783.45	--	--	--	--	--
MW-3	1/4/12		3783.45	--	--	--	--	--
MW-3	1/4/12		3783.45	--	--	--	--	--
MW-3	1/11/12		3783.45	--	--	--	--	--
MW-3	1/11/12		3783.45	--	--	--	--	--
MW-3	1/16/12		3783.45	--	--	--	--	--
MW-3	1/25/12	LNAPL	3783.45	60.3	60.02	0.28	3723.377	--
MW-3	2/15/12	LNAPL	3783.45	60.32	59.7	0.62	3723.632	--
MW-3	2/21/12	LNAPL	3783.45	60.3	59.71	0.59	3723.628	--
MW-3	3/5/12	LNAPL	3783.45	60.35	59.65	0.7	3723.667	60.91

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-3	3/14/12	LNAPL	3783.45	60.35	59.68	0.67	3723.643	--
MW-3	3/20/12	LNAPL	3783.45	60.24	59.62	0.62	3723.712	--
MW-3	3/28/12	LNAPL	3783.45	60.28	59.85	0.43	3723.518	--
MW-3	4/4/12	LNAPL	3783.45	60.31	59.81	0.5	3723.545	--
MW-3	4/11/12	LNAPL	3783.45	60.28	59.81	0.47	3723.551	--
MW-3	4/18/12	LNAPL	3783.45	60.26	59.92	0.34	3723.465	--
MW-3	4/24/12	LNAPL	3783.45	61.26	61.01	0.25	3722.393	--
MW-3	5/1/12	LNAPL	3783.45	60.25	60	0.25	3723.403	--
MW-3	5/9/12	LNAPL	3783.45	60.27	60.01	0.26	3723.391	--
MW-3	5/17/12	LNAPL	3783.45	60.28	60.03	0.25	3723.373	--
MW-3	5/24/12	LNAPL	3783.45	60.29	59.8	0.49	3723.557	--
MW-3	6/5/12	LNAPL	3783.45	60.3	59.88	0.42	3723.49	--
MW-3	6/20/12	LNAPL	3783.45	60.27	59.91	0.36	3723.472	--
MW-3	6/27/12	LNAPL	3783.45	60.31	60	0.31	3723.391	--
MW-3	7/2/12	LNAPL	3783.45	68.23	67.91	0.32	3715.479	--
MW-3	7/18/12	LNAPL	3783.45	--	60.02	--	--	60.35
MW-3	7/25/12	LNAPL	3783.45	60.28	60.2	0.08	3723.235	--
MW-3	8/8/12	LNAPL	3783.45	--	60.03	--	--	60.31
MW-3	8/14/12	LNAPL	3783.45	--	60.02	--	--	60.31
MW-3	8/15/12	LNAPL	3783.45	60.24	59.83	0.41	3723.542	--
MW-3	8/28/12	LNAPL	3783.45	60.26	59.86	0.4	3723.514	--
MW-3	9/10/12	LNAPL	3783.45	61.85	61.3	0.55	3722.045	--
MW-3	10/3/12	LNAPL	3783.45	60.33	59.92	0.41	3723.452	--
MW-3	10/9/12	LNAPL	3783.45	60.25	59.91	0.34	3723.475	--
MW-3	10/15/12	LNAPL	3783.45	60.2	59.91	0.29	3723.485	--
MW-3	10/23/12	LNAPL	3783.45	60.29	59.91	0.38	3723.468	--
MW-3	10/30/12	LNAPL	3783.45	--	58.93	--	--	59.7
MW-3	11/6/12	LNAPL	3783.45	60.3	59.95	0.35	3723.434	61
MW-3	12/3/12	LNAPL	3783.45	60.3	60	0.3	3723.393	--
MW-3	1/2/13	Dry	3783.45	--	--	--	--	--
MW-3	1/15/13	LNAPL	3783.45	68.3	68.1	0.2	3715.312	61
MW-3	1/22/13	Dry	3783.45	--	--	--	--	--
MW-3	2/28/13	LNAPL	3783.45	60.29	60.11	0.18	3723.306	--
MW-3	3/5/13	LNAPL	3783.45	--	60.2	--	--	60.34
MW-3	3/19/13	LNAPL	3783.45	61.33	61.21	0.12	3722.217	--
MW-3	3/26/13	LNAPL	3783.45	60.27	60.15	0.12	3723.277	--
MW-3	5/28/13	LNAPL	3783.45	60.25	60.18	0.07	3723.257	--
MW-3	6/11/13	LNAPL	3783.45	60.25	60.21	0.04	3723.232	--
MW-3	6/11/13	LNAPL	3783.45	60.25	60.21	0.04	3723.232	--
MW-3	6/18/13	LNAPL	3783.45	60.28	60.22	0.06	3723.219	--
MW-3	6/18/13	LNAPL	3783.45	60.28	60.22	0.06	3723.219	--
MW-3	6/25/13	LNAPL	3783.45	60.29	60.24	0.05	3723.2	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-3	7/2/13	LNAPL	3783.45	60.12	60.1	0.02	3723.346	--
MW-3	7/17/13	LNAPL	3783.45	60.2	60.18	0.02	3723.266	--
MW-3	7/24/13	LNAPL	3783.45	60.21	60.19	0.02	3723.256	--
MW-3	7/31/13	LNAPL	3783.45	60.26	60.25	0.01	3723.198	--
MW-3	8/13/13		3783.45	60.24	--	--	3723.21	--
MW-3	8/28/13	LNAPL	3783.45	62.2	62.19	0.01	3721.258	--
MW-3	9/24/13		3783.45	60.21	--	--	3723.24	--
MW-3	10/8/13	LNAPL	3783.45	60.22	60.21	0.01	3723.238	--
MW-3	10/15/13	LNAPL	3783.45	60.24	60.23	0.01	3723.218	60.31
MW-3	10/29/13		3783.45	60.26	--	--	3723.19	60.36
MW-3	11/5/13		3783.45	60.28	--	--	3723.17	60.6
MW-3	11/11/13		3783.45	60.22	--	--	3723.23	60.33
MW-3	12/10/13		3783.45	60.28	--	--	3723.17	--
MW-3	12/17/13		3783.45	60.24	--	--	3723.21	--
MW-3	1/28/14	LNAPL	3783.45	--	60.24	--	--	60.25
MW-3	2/18/14	LNAPL	3783.45	--	60.23	--	--	60.25
MW-3	2/25/14	Dry	3783.45	--	--	--	--	60.23
MW-3	3/19/14		3783.45	60.23	--	--	3723.22	60.23
MW-3	3/25/14		3783.45	60.24	--	--	3723.21	60.23
MW-3	4/22/14		3783.45	60.26	--	--	3723.19	60.23
MW-3	4/29/14		3783.45	60.26	--	--	3723.19	60.23
MW-3	5/7/14		3783.45	60.21	--	--	3723.24	60.23
MW-3	5/14/14		3783.45	60.23	--	--	3723.22	60.23
MW-3	5/28/14	LNAPL	3783.45	60.2	60.19	0.01	3723.258	60.23
MW-3	6/3/14		3783.45	60.21	--	--	3723.24	60.23
MW-3	6/10/14		3783.45	60.2	--	--	3723.25	60.23
MW-3	6/17/14		3783.45	60.24	--	--	3723.21	60.23
MW-3	7/1/14	Dry	3783.45	--	--	--	--	60.23
MW-3	7/9/14		3783.45	60.21	--	--	3723.24	60.23
MW-3	7/15/14		3783.45	60.2	--	--	3723.25	60.23
MW-3	7/25/14		3783.45	60.19	--	--	3723.26	60.23
MW-3	7/31/14		3783.45	60.2	--	--	3723.25	60.23
MW-3	8/5/14		3783.45	60.19	--	--	3723.26	60.23
MW-3	8/14/14		3783.45	60.19	--	--	3723.26	60.23
MW-3	8/20/14		3783.45	60.2	--	--	3723.25	60.23
MW-3	8/26/14		3783.45	60.19	--	--	3723.26	60.23
MW-3	9/2/14		3783.45	60.2	--	--	3723.25	60.23
MW-3	9/9/14		3783.45	60.2	--	--	3723.25	60.23
MW-3	9/16/14		--	--	--	--	--	--
MW-3R	10/8/14		3783.67	65.04	--	--	3718.63	--
MW-3R	11/5/14	LNAPL	3783.67	65.17	64.82	0.35	3718.783	--
MW-3R	11/12/14	LNAPL	3783.67	64.95	64.92	0.03	3718.744	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-3R	11/18/14		3783.67	65.94	--	--	3717.73	80.33
MW-3R	12/2/14	LNAPL	3783.67	65.11	64.9	0.21	3718.73	--
MW-3R	3/3/15	LNAPL	3783.67	66.4	64.78	1.62	3718.582	--
MW-3R	6/1/15	LNAPL	3783.67	66.13	64.99	1.14	3718.463	--
MW-3R	8/10/15	LNAPL	3783.67	68.89	64.99	3.9	3717.939	--
MW-3R	11/30/15	LNAPL	3783.67	66.81	65.26	1.55	3718.115	--
MW-3R	2/9/16	LNAPL	3783.67	66.5	65.5	1	3717.98	--
MW-3R	5/23/16	LNAPL	3783.67	66.68	65.65	1.03	3717.824	--
MW-3R	5/27/16		3783.67	--	--	--	--	--
MW-3R	5/31/16		3783.67	--	--	--	--	--
MW-3R	6/14/16		3783.67	--	--	--	--	--
MW-3R	6/28/16		3783.67	--	--	--	--	--
MW-3R	7/5/16		3783.67	--	--	--	--	--
MW-3R	7/12/16		3783.67	--	--	--	--	--
MW-3R	8/3/16		3783.67	--	--	--	--	--
MW-3R	8/16/16		3783.67	--	--	--	--	--
MW-3R	8/30/16	LNAPL	3783.67	66.69	65.92	0.77	3717.604	--
MW-3R	9/7/16		3783.67	--	--	--	--	--
MW-3R	9/20/16		3783.67	--	--	--	--	--
MW-3R	10/4/16		3783.67	--	--	--	--	--
MW-3R	10/11/16		3783.67	--	--	--	--	--
MW-3R	10/31/16	LNAPL	3783.67	66.83	65.97	0.86	3717.537	--
MW-3R	11/9/16		3783.67	--	--	--	--	--
MW-3R	12/6/16		3783.67	--	--	--	--	--
MW-3R	2/27/17	LNAPL	3783.67	66.56	66.31	0.25	3717.313	--
MW-3R	5/10/17		3783.67	--	--	--	--	--
MW-3R	5/30/17	LNAPL	3783.67	67.12	66.38	0.74	3717.149	--
MW-3R	6/1/17		3783.67	--	--	--	--	--
MW-3R	6/5/17		3783.67	--	--	--	--	--
MW-3R	6/13/17		3783.67	--	--	--	--	--
MW-3R	6/30/17		3786	--	--	--	--	--
MW-3R	7/5/17		3786	--	--	--	--	--
MW-3R	7/14/17		3786	--	--	--	--	--
MW-3R	7/26/17		3786	--	--	--	--	--
MW-3R	8/31/17	LNAPL	3786	67.1	66.61	0.49	3719.297	--
MW-3R	10/18/17		3786	--	--	--	--	--
MW-3R	11/15/17		3786	--	--	--	--	--
MW-3R	11/29/17	LNAPL	3786	66.95	66.79	0.16	3719.18	--
MW-3R	12/12/17		3786	--	--	--	--	--
MW-3R	1/17/18		3786	--	--	--	--	--
MW-3R	2/15/18		3786	--	--	--	--	--
MW-3R	2/26/18	LNAPL	3786	67.08	66.98	0.1	3719.001	79.93

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-3R	5/1/18		3786	--	--	--	--	--
MW-3R	5/29/18	LNAPL	3786	67.43	67.1	0.33	3718.837	79.93
MW-3R	8/29/18	LNAPL	3786	67.46	67.24	0.22	3718.718	79.93
MW-3R	10/17/18	LNAPL	3786	67.79	67.37	0.42	3718.55	--
MW-3R	12/11/18	LNAPL	3786	67.87	67.47	0.4	3718.454	--
MW-3R	1/23/19	LNAPL	3786	67.96	67.55	0.41	3718.372	--
MW-3R	2/25/19	LNAPL	3786	67.86	67.62	0.24	3718.334	--
MW-3R	2/27/19		3786	--	--	--	--	--
MW-3R	4/30/19	LNAPL	3786	67.95	67.76	0.19	3718.204	--
MW-3R	5/20/19	LNAPL	3786	67.89	67.79	0.1	3718.191	--
MW-3R	6/5/19		3786	--	--	--	--	--
MW-3R	6/11/19		3786	--	--	--	--	--
MW-3R	6/19/19	LNAPL	3786	67.92	67.87	0.05	3718.121	--
MW-3R	7/23/19	LNAPL	3786	68.05	67.92	0.13	3718.055	--
MW-3R	7/31/19		3786	--	--	--	--	--
MW-3R	8/21/19		3786	--	--	--	--	--
MW-3R	9/18/19	LNAPL	3786	68.01	67.84	0.17	3718.128	--
MW-3R	10/22/19	LNAPL	3786	68.22	68.08	0.14	3717.893	--
MW-3R	11/26/19	LNAPL	3786	68.32	68.14	0.18	3717.826	--
MW-3R	12/11/19	LNAPL	3786	68.27	68.22	0.05	3717.771	--
MW-3R	1/22/20	LNAPL	3786	68.47	68.27	0.2	3717.692	--
MW-3R	2/10/20	LNAPL	3786	68.45	68.3	0.15	3717.671	79.79
MW-3R	2/26/20	LNAPL	3786	68.54	68.34	0.2	3717.622	--
MW-3R	4/27/20	LNAPL	3786	68.57	68.41	0.16	3717.56	--
MW-3R	5/11/20	LNAPL	3786	68.63	68.44	0.19	3717.524	--
MW-3R	5/22/20	LNAPL	3786	68.67	68.45	0.22	3717.508	--
MW-3R	6/18/20	LNAPL	3786	68.64	68.5	0.14	3717.473	--
MW-3R	7/27/20	LNAPL	3786	68.81	68.56	0.25	3717.393	--
MW-3R	8/27/20	LNAPL	3786	68.94	68.6	0.34	3717.335	--
MW-3R	9/4/20	LNAPL	3786	68.99	68.63	0.36	3717.302	--
MW-3R	9/4/20	LNAPL	3786	68.35	68.33	0.02	3717.666	--
MW-3R	9/15/20	LNAPL	3786	68.94	68.69	0.25	3717.262	--
MW-3R	10/29/20	LNAPL	3786	69.12	68.76	0.36	3717.172	--
MW-3R	11/13/20	LNAPL	3786	69.19	68.77	0.42	3717.15	--
MW-3R	11/13/20		3786	68.89	--	--	3717.11	--
MW-3R	12/11/20	LNAPL	3786	69	68.88	0.12	3717.097	--
MW-4	6/16/11		3783.87	61.05	--	--	3722.82	72.58
MW-4	9/7/11		3783.87	61.2	--	--	3722.67	72.63
MW-4	11/28/11		3783.87	61.32	--	--	3722.55	72.41
MW-4	3/5/12		3783.87	61.45	--	--	3722.42	72.45
MW-4	6/5/12		3783.87	61.57	--	--	3722.3	--
MW-4	9/10/12		3783.87	61.7	--	--	3722.17	72.98

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	12/3/12		3783.87	61.91	--	--	3721.96	72.62
MW-4	3/5/13		3783.87	62.02	--	--	3721.85	72.5
MW-4	5/28/13		3783.87	62.18	--	--	3721.69	72.6
MW-4	8/28/13		3783.87	62.25	--	--	3721.62	72.93
MW-4	11/11/13		3783.87	62.4	--	--	3721.47	75.25
MW-4	2/25/14		3783.87	62.61	--	--	3721.26	72.32
MW-4	5/28/14		3783.87	62.72	--	--	3721.15	72.32
MW-4	9/2/14		3783.87	62.87	--	--	3721	72.32
MW-4	11/18/14		3783.87	63.03	--	--	3720.84	72.32
MW-4	3/3/15		3783.87	63.2	--	--	3720.67	72.18
MW-4	6/1/15		3783.87	63.32	--	--	3720.55	72.18
MW-4	8/10/15		3783.87	63.47	--	--	3720.4	72.18
MW-4	11/16/15		--	--	--	--	--	--
MW-4	11/30/15		3783.87	63.66	--	--	3720.21	72.18
MW-4	2/9/16		3783.87	63.79	--	--	3720.08	72.19
MW-4	5/23/16		3783.87	63.99	--	--	3719.88	72.19
MW-4	7/27/16		3783.87	--	--	--	--	--
MW-4	8/10/16		3783.87	--	--	--	--	--
MW-4	8/23/16		3783.87	--	--	--	--	--
MW-4	8/30/16		3783.87	64.77	--	--	3719.1	72.19
MW-4	8/31/16		3783.87	--	--	--	--	--
MW-4	9/12/16		3783.87	--	--	--	--	--
MW-4	10/31/16		3783.87	64.89	--	--	3718.98	72.19
MW-4	11/3/16		3783.87	--	--	--	--	--
MW-4	12/6/16		3783.87	--	--	--	--	--
MW-4	1/10/17		3783.87	--	--	--	--	--
MW-4	1/24/17		3783.87	--	--	--	--	--
MW-4	2/8/17		3783.87	--	--	--	--	--
MW-4	2/27/17		3783.87	64.53	--	--	3719.34	72.06
MW-4	3/1/17		3783.87	--	--	--	--	--
MW-4	4/3/17		3783.87	--	--	--	--	--
MW-4	5/30/17		3783.87	64.64	--	--	3719.23	72.05
MW-4	6/1/17		3783.87	--	--	--	--	--
MW-4	8/31/17		3783.03	64.83	--	--	3718.2	72.05
MW-4	11/28/17		3783.03	64.98	--	--	3718.05	72.02
MW-4	11/30/17		3783.03	--	--	--	--	--
MW-4	2/26/18		3783.03	65.1	--	--	3717.93	72.05
MW-4	3/2/18		3783.03	--	--	--	--	--
MW-4	5/29/18		3783.03	65.23	--	--	3717.8	72.01
MW-4	5/30/18		3783.03	--	--	--	--	--
MW-4	8/29/18		3783.03	65.4	--	--	3717.63	72.05
MW-4	11/26/18		3783.03	65.63	--	--	3717.4	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	2/25/19		3783.03	65.79	--	--	3717.24	--
MW-4	2/27/19		3783.03	--	--	--	--	--
MW-4	5/20/19		3783.03	65.95	--	--	3717.08	--
MW-4	5/21/19		3783.03	--	--	--	--	--
MW-4	7/23/19		3783.03	66.04	--	--	3716.99	--
MW-4	7/26/19		3783.03	--	--	--	--	--
MW-4	10/22/19		3783.03	66.23	--	--	3716.8	--
MW-4	12/13/19		3783.81	--	--	--	--	--
MW-4	2/10/20		3783.81	66.45	--	--	3717.36	72.01
MW-4	4/27/20		3783.81	66.98	--	--	3716.83	--
MW-4	5/11/20		3783.81	66.59	--	--	3717.22	--
MW-4	6/18/20		3783.81	66.68	--	--	3717.13	--
MW-4	7/27/20		3783.81	66.73	--	--	3717.08	--
MW-4	8/27/20		3783.81	66.8	--	--	3717.01	--
MW-4	9/15/20		3783.81	66.82	--	--	3716.99	--
MW-4	10/29/20		3783.81	66.94	--	--	3716.87	--
MW-4	12/11/20		3783.81	67.02	--	--	3716.79	--
MW-5	6/16/11	LNAPL	3784.29	62.18	60.79	1.39	3723.236	72.2
MW-5	8/1/11	LNAPL	3784.29	62.7	60.86	1.84	3723.08	--
MW-5	8/10/11	LNAPL	3784.29	61.92	61	0.92	3723.115	--
MW-5	8/17/11	LNAPL	3784.29	61.54	61.05	0.49	3723.147	--
MW-5	8/23/11	LNAPL	3784.29	61.64	61.09	0.55	3723.095	--
MW-5	9/7/11	LNAPL	3784.29	61.79	61.09	0.7	3723.067	69.83
MW-5	9/21/11	LNAPL	3784.29	61.94	61.53	0.41	3722.682	--
MW-5	9/28/11	LNAPL	3784.29	61.91	61.08	0.83	3723.052	--
MW-5	10/5/11	LNAPL	3784.29	61.59	61.1	0.49	3723.097	--
MW-5	10/12/11	LNAPL	3784.29	61.74	61.18	0.56	3723.004	--
MW-5	10/19/11	LNAPL	3784.29	61.55	61.15	0.4	3723.064	--
MW-5	10/26/11	LNAPL	3784.29	61.63	61.18	0.45	3723.024	--
MW-5	11/1/11	LNAPL	3784.29	61.69	61.19	0.5	3723.005	--
MW-5	11/9/11	LNAPL	3784.29	61.82	61.21	0.61	3722.964	--
MW-5	11/16/11	LNAPL	3784.29	61.87	61.21	0.66	3722.955	--
MW-5	11/22/11	LNAPL	3784.29	61.92	61.2	0.72	3722.953	--
MW-5	11/28/11	LNAPL	3784.29	61.91	61.2	0.71	3722.955	71.68
MW-5	1/4/12	LNAPL	3784.29	62.11	61.18	0.93	3722.933	--
MW-5	1/11/12	LNAPL	3784.29	62.18	61.2	0.98	3722.904	--
MW-5	1/16/12	LNAPL	3784.29	62.19	61.22	0.97	3722.886	--
MW-5	1/25/12	LNAPL	3784.29	62.3	61.22	1.08	3722.865	--
MW-5	2/1/12	LNAPL	3784.29	62.31	61.22	1.09	3722.863	--
MW-5	2/8/12	LNAPL	3784.29	61.85	61.33	0.52	3722.861	--
MW-5	2/15/12	LNAPL	3784.29	61.94	61.32	0.62	3722.852	--
MW-5	2/21/12	LNAPL	3784.29	61.95	61.3	0.65	3722.866	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	3/5/12	LNAPL	3784.29	62.07	61.33	0.74	3722.819	71.73
MW-5	3/14/12	LNAPL	3784.29	62.08	61.31	0.77	3722.834	--
MW-5	3/20/12	LNAPL	3784.29	62.08	61.3	0.78	3722.842	--
MW-5	3/28/12	LNAPL	3784.29	62.2	61.35	0.85	3722.779	--
MW-5	4/4/12	LNAPL	3784.29	62.21	61.35	0.86	3722.777	--
MW-5	4/11/12	LNAPL	3784.29	62.26	61.35	0.91	3722.767	--
MW-5	4/18/12	LNAPL	3784.29	62.27	61.3	0.97	3722.806	--
MW-5	4/24/12	LNAPL	3784.29	62.36	61.4	0.96	3722.708	--
MW-5	5/1/12	LNAPL	3784.29	61.99	61.38	0.61	3722.794	--
MW-5	5/9/12	LNAPL	3784.29	61.85	61.45	0.4	3722.764	--
MW-5	5/17/12	LNAPL	3784.29	61.9	61.48	0.42	3722.73	--
MW-5	5/24/12	LNAPL	3784.29	61.94	61.48	0.46	3722.723	--
MW-5	6/5/12	LNAPL	3784.29	61.96	61.45	0.51	3722.743	--
MW-5	6/20/12	LNAPL	3784.29	62.12	61.49	0.63	3722.68	--
MW-5	6/27/12	LNAPL	3784.29	62.14	61.51	0.63	3722.66	--
MW-5	7/2/12	LNAPL	3784.29	62.16	61.46	0.7	3722.697	--
MW-5	7/18/12	LNAPL	3784.29	62.25	61.53	0.72	3722.623	--
MW-5	7/25/12	LNAPL	3784.29	62.24	61.5	0.74	3722.649	--
MW-5	8/8/12	LNAPL	3784.29	62.33	61.5	0.83	3722.632	--
MW-5	8/14/12	LNAPL	3784.29	62.36	61.51	0.85	3722.618	--
MW-5	8/15/12	LNAPL	3784.29	62.4	61.5	0.9	3722.619	--
MW-5	8/28/12	LNAPL	3784.29	62.18	61.56	0.62	3722.612	--
MW-5	9/10/12	LNAPL	3784.29	62.3	61.63	0.67	3722.533	--
MW-5	10/3/12	LNAPL	3784.29	62.42	61.61	0.81	3722.526	--
MW-5	10/9/12	LNAPL	3784.29	62.4	61.6	0.8	3722.538	--
MW-5	10/15/12	LNAPL	3784.29	62.45	61.61	0.84	3722.521	--
MW-5	10/23/12	LNAPL	3784.29	62.56	61.65	0.91	3722.467	--
MW-5	10/30/12	LNAPL	3784.29	62.31	61.65	0.66	3722.515	71.4
MW-5	11/6/12	LNAPL	3784.29	62.36	61.59	0.77	3722.554	71.8
MW-5	12/3/12	LNAPL	3784.29	62.44	61.71	0.73	3722.441	--
MW-5	1/2/13	LNAPL	3784.29	63.6	61.75	1.85	3722.188	71.8
MW-5	1/15/13	LNAPL	3784.29	62.45	61.81	0.64	3722.358	71.8
MW-5	1/22/13	LNAPL	3784.29	62.1	61.86	0.24	3722.385	71.8
MW-5	2/28/13	LNAPL	3784.29	62.25	61.91	0.34	3722.315	--
MW-5	3/5/13	LNAPL	3784.29	62.28	61.92	0.36	3722.302	--
MW-5	3/19/13	LNAPL	3784.29	62.31	61.92	0.39	3722.296	--
MW-5	3/26/13	LNAPL	3784.29	62.22	61.92	0.3	3722.313	--
MW-5	5/28/13	LNAPL	3784.29	62.55	62	0.55	3722.186	--
MW-5	6/11/13	LNAPL	3784.29	62.68	62.08	0.6	3722.096	--
MW-5	6/18/13	LNAPL	3784.29	62.65	62.03	0.62	3722.142	--
MW-5	6/25/13	LNAPL	3784.29	62.75	62.09	0.66	3722.075	--
MW-5	7/2/13	LNAPL	3784.29	62.71	62.03	0.68	3722.131	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	7/17/13	LNAPL	3784.29	62.7	62.05	0.65	3722.116	--
MW-5	7/24/13	LNAPL	3784.29	62.8	62.14	0.66	3722.025	--
MW-5	7/31/13	LNAPL	3784.29	62.75	62.08	0.67	3722.083	--
MW-5	8/28/13	LNAPL	3784.29	62.85	62.13	0.72	3722.023	--
MW-5	9/11/13	LNAPL	3784.29	62.93	62.18	0.75	3721.968	--
MW-5	9/18/13	LNAPL	3784.29	62.99	62.11	0.88	3722.013	--
MW-5	9/24/13	LNAPL	3784.29	62.95	62.2	0.75	3721.948	--
MW-5	10/1/13	LNAPL	3784.29	62.93	62.15	0.78	3721.992	--
MW-5	10/8/13	LNAPL	3784.29	62.97	62.2	0.77	3721.944	--
MW-5	10/15/13	LNAPL	3784.29	62.98	62.16	0.82	3721.974	--
MW-5	10/29/13	LNAPL	3784.29	63.02	62.21	0.81	3721.926	--
MW-5	11/5/13	LNAPL	3784.29	62.6	62.34	0.26	3721.901	--
MW-5	11/11/13	LNAPL	3784.29	62.51	62.34	0.17	3721.918	--
MW-5	11/20/13	LNAPL	3784.29	62.57	62.38	0.19	3721.874	--
MW-5	12/10/13	LNAPL	3784.29	62.68	62.46	0.22	3721.788	--
MW-5	12/17/13	LNAPL	3784.29	62.57	62.42	0.15	3721.842	--
MW-5	1/28/14	LNAPL	3784.29	62.64	62.48	0.16	3721.78	71.73
MW-5	2/18/14	LNAPL	3784.29	62.67	62.49	0.18	3721.766	--
MW-5	2/25/14	LNAPL	3784.29	62.7	62.58	0.12	3721.687	--
MW-5	3/19/14	LNAPL	3784.29	62.73	62.59	0.14	3721.673	--
MW-5	3/25/14		3784.29	62.75	--	--	3721.54	--
MW-5	4/23/14		3784.29	62.71	--	--	3721.58	--
MW-5	4/29/14		3784.29	62.67	--	--	3721.62	--
MW-5	5/7/14		3784.29	62.69	--	--	3721.6	--
MW-5	5/14/14		3784.29	62.71	--	--	3721.58	--
MW-5	5/28/14	LNAPL	3784.29	62.75	62.74	0.01	3721.548	--
MW-5	6/3/14		3784.29	62.76	--	--	3721.53	--
MW-5	6/10/14		3784.29	62.77	--	--	3721.52	--
MW-5	6/17/14		3784.29	62.8	--	--	3721.49	--
MW-5	7/1/14		3784.29	62.81	--	--	3721.48	--
MW-5	7/9/14		3784.29	63.08	--	--	3721.21	--
MW-5	7/15/14		3784.29	63.06	--	--	3721.23	--
MW-5	7/25/14		3784.29	62.9	--	--	3721.39	--
MW-5	7/31/14		3784.29	63.02	--	--	3721.27	--
MW-5	8/5/14		3784.29	62.91	--	--	3721.38	--
MW-5	8/13/14		3784.29	62.91	--	--	3721.38	--
MW-5	8/20/14		3784.29	62.86	--	--	3721.43	--
MW-5	8/26/14		3784.29	62.85	--	--	3721.44	--
MW-5	9/2/14	LNAPL	3784.29	62.87	62.86	0.01	3721.428	--
MW-5	9/10/14		3784.29	62.89	--	--	3721.4	--
MW-5	9/17/14		3784.29	62.95	--	--	3721.34	--
MW-5	10/8/14		3784.29	62.99	--	--	3721.3	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	11/5/14	LNAPL	3784.29	63.04	63.03	0.01	3721.258	--
MW-5	11/12/14	LNAPL	3784.29	63.11	63.1	0.01	3721.188	--
MW-5	11/18/14	LNAPL	3784.29	63	62.99	0.01	3721.298	--
MW-5	3/3/15		3784.29	63.18	--	--	3721.11	71.82
MW-5	6/1/15		3784.29	63.29	--	--	3721	--
MW-5	8/10/15	LNAPL	3784.29	63.48	63.45	0.03	3720.834	--
MW-5	11/16/15		3784.29	--	--	--	--	--
MW-5	11/30/15	LNAPL	3784.29	63.72	63.65	0.07	3720.627	--
MW-5	2/9/16	LNAPL	3784.29	64.33	64.32	0.01	3719.968	--
MW-5	5/23/16		3784.29	64.18	--	--	3720.11	--
MW-5	6/7/16		3784.29	--	--	--	--	--
MW-5	6/20/16		3784.29	--	--	--	--	--
MW-5	7/27/16		3784.29	--	--	--	--	--
MW-5	8/10/16		3784.29	--	--	--	--	--
MW-5	8/23/16		3784.29	--	--	--	--	--
MW-5	8/30/16		3784.29	64.21	--	--	3720.08	71.82
MW-5	8/31/16		3784.29	--	--	--	--	--
MW-5	9/12/16		3784.29	--	--	--	--	--
MW-5	9/27/16		3784.29	--	--	--	--	--
MW-5	10/11/16		3784.29	--	--	--	--	--
MW-5	10/31/16		3784.29	64.21	--	--	3720.08	--
MW-5	11/3/16		3784.29	--	--	--	--	--
MW-5	12/6/16		3784.29	--	--	--	--	--
MW-5	1/10/17		3784.29	--	--	--	--	--
MW-5	1/24/17		3784.29	--	--	--	--	--
MW-5	2/27/17		3784.29	64.42	--	--	3719.87	--
MW-5	3/1/17		3784.29	--	--	--	--	--
MW-5	4/3/17		3784.29	--	--	--	--	--
MW-5	5/2/17		3784.29	--	--	--	--	--
MW-5	5/16/17		3784.29	--	--	--	--	--
MW-5	5/30/17		3784.29	64.67	--	--	3719.62	68.15
MW-5	6/1/17		3784.29	--	--	--	--	--
MW-5	6/13/17		3784.29	--	--	--	--	--
MW-5	6/28/17		3784.28	--	--	--	--	--
MW-5	7/5/17		3784.28	--	--	--	--	--
MW-5	7/14/17		3784.28	--	--	--	--	--
MW-5	8/31/17		3784.28	64.77	--	--	3719.51	71
MW-5	9/5/17		3784.28	--	--	--	--	--
MW-5	11/28/17		3784.28	64.97	--	--	3719.31	71.39
MW-5	11/30/17		3784.28	--	--	--	--	--
MW-5	12/12/17		3784.28	--	--	--	--	--
MW-5	2/15/18		3784.28	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	2/26/18		3784.28	65.12	--	--	3719.16	71.49
MW-5	3/2/18		3784.28	--	--	--	--	--
MW-5	5/29/18		3784.28	65.2	--	--	3719.08	71.43
MW-5	5/30/18		3784.28	--	--	--	--	--
MW-5	8/29/18		3784.28	65.49	--	--	3718.79	71.49
MW-5	11/26/18		3784.28	65.63	--	--	3718.65	--
MW-5	2/25/19		3784.28	65.83	--	--	3718.45	--
MW-5	2/27/19		3784.28	--	--	--	--	--
MW-5	5/20/19		3784.28	65.96	--	--	3718.32	--
MW-5	5/21/19		3784.28	--	--	--	--	--
MW-5	6/11/19		3784.28	--	--	--	--	--
MW-5	7/23/19		3784.28	66.19	--	--	3718.09	--
MW-5	7/26/19		3784.28	--	--	--	--	--
MW-5	8/21/19		3784.28	--	--	--	--	--
MW-5	9/3/19		3784.28	--	--	--	--	--
MW-5	9/11/19		3784.28	--	--	--	--	--
MW-5	10/22/19		3784.28	66.25	--	--	3718.03	--
MW-5	2/10/20		3784.28	66.45	--	--	3717.83	71.6
MW-5	3/18/20		3784.28	--	--	--	--	--
MW-5	4/27/20		3784.28	67.69	--	--	3716.59	--
MW-5	5/11/20		3784.28	66.73	--	--	3717.55	--
MW-5	6/18/20		3784.28	66.65	--	--	3717.63	--
MW-5	7/27/20		3784.28	66.75	--	--	3717.53	--
MW-5	8/27/20		3784.28	66.81	--	--	3717.47	--
MW-5	9/15/20		3784.28	66.87	--	--	3717.41	--
MW-5	10/29/20		3784.28	66.93	--	--	3717.35	--
MW-5	12/11/20		3784.28	67.01	--	--	3717.27	--
MW-6	6/16/11		3785.78	62.76	--	--	3723.02	73.61
MW-6	9/7/11		3785.78	62.93	--	--	3722.85	74.31
MW-6	11/28/11		3785.78	63.06	--	--	3722.72	73.62
MW-6	3/5/12		3785.78	63.18	--	--	3722.6	73.68
MW-6	6/5/12		3785.78	63.28	--	--	3722.5	73.75
MW-6	9/10/12		3785.78	63.4	--	--	3722.38	73.81
MW-6	12/3/12		3785.78	63.65	--	--	3722.13	73.72
MW-6	3/5/13		3785.78	63.72	--	--	3722.06	73.6
MW-6	5/28/13		3785.78	63.83	--	--	3721.95	73.65
MW-6	6/11/13	LNAPL	3785.78	62.68	62.08	0.6	3723.586	--
MW-6	6/18/13	LNAPL	3785.78	62.65	62.03	0.62	3723.632	--
MW-6	6/25/13	LNAPL	3785.78	62.75	62.09	0.66	3723.565	--
MW-6	7/2/13	LNAPL	3785.78	62.71	62.03	0.68	3723.621	--
MW-6	7/17/13	LNAPL	3785.78	62.7	62.05	0.65	3723.606	--
MW-6	7/24/13	LNAPL	3785.78	62.8	62.14	0.66	3723.515	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-6	7/31/13	LNAPL	3785.78	62.75	62.08	0.67	3723.573	--
MW-6	8/13/13	LNAPL	3785.78	62.81	62.1	0.71	3723.545	--
MW-6	8/28/13		3785.78	63.95	--	--	3721.83	73.58
MW-6	9/5/13		3785.78	--	--	--	--	--
MW-6	9/11/13	LNAPL	3785.78	62.93	62.18	0.75	3723.458	--
MW-6	9/18/13	LNAPL	3785.78	62.99	62.11	0.88	3723.503	--
MW-6	9/24/13	LNAPL	3785.78	62.95	62.2	0.75	3723.438	--
MW-6	10/1/13	LNAPL	3785.78	62.93	62.15	0.78	3723.482	--
MW-6	10/8/13	LNAPL	3785.78	62.97	62.2	0.77	3723.434	--
MW-6	10/15/13	LNAPL	3785.78	62.98	62.16	0.82	3723.464	--
MW-6	10/29/13	LNAPL	3785.78	63.02	62.21	0.81	3723.416	--
MW-6	11/5/13	LNAPL	3785.78	62.6	62.34	0.26	3723.391	--
MW-6	11/11/13		3785.78	64.11	--	--	3721.67	73.72
MW-6	11/20/13	LNAPL	3785.78	62.57	62.38	0.19	3723.364	--
MW-6	12/10/13	LNAPL	3785.78	62.68	62.46	0.22	3723.278	--
MW-6	12/17/13	LNAPL	3785.78	62.57	62.42	0.15	3723.332	--
MW-6	1/28/14	LNAPL	3785.78	62.64	62.48	0.16	3723.27	--
MW-6	2/18/14	LNAPL	3785.78	62.67	62.49	0.18	3723.256	--
MW-6	2/25/14		3785.78	64.29	--	--	3721.49	73.58
MW-6	3/19/14	LNAPL	3785.78	62.73	62.59	0.14	3723.163	--
MW-6	3/25/14		3785.78	62.75	--	--	3723.03	--
MW-6	5/28/14		3785.78	64.41	--	--	3721.37	73.58
MW-6	9/2/14		3785.78	64.59	--	--	3721.19	--
MW-6	11/18/14		3785.78	65.1	--	--	3720.68	--
MW-6	3/3/15		3785.78	64.88	--	--	3720.9	73.52
MW-6	6/1/15		3785.78	65.03	--	--	3720.75	--
MW-6	8/10/15		3785.78	65.16	--	--	3720.62	--
MW-6	11/30/15		3785.78	65.71	--	--	3720.07	--
MW-6	2/9/16		3785.78	65.53	--	--	3720.25	75.28
MW-6	5/23/16		3785.78	65.7	--	--	3720.08	--
MW-6	6/7/16		3785.78	--	--	--	--	--
MW-6	6/20/16		3785.78	--	--	--	--	--
MW-6	7/5/16		3785.78	--	--	--	--	--
MW-6	7/27/16		3785.78	--	--	--	--	--
MW-6	8/10/16		3785.78	--	--	--	--	--
MW-6	8/23/16		3785.78	--	--	--	--	--
MW-6	8/30/16		3785.78	65.89	--	--	3719.89	--
MW-6	8/31/16		3785.78	--	--	--	--	--
MW-6	9/12/16		3785.78	--	--	--	--	--
MW-6	9/27/16		3785.78	--	--	--	--	--
MW-6	10/11/16		3785.78	--	--	--	--	--
MW-6	10/31/16		3785.78	66.4	--	--	3719.38	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-6	11/3/16		3785.78	--	--	--	--	--
MW-6	11/16/16		3785.78	--	--	--	--	--
MW-6	12/6/16		3785.78	--	--	--	--	--
MW-6	1/10/17		3785.78	--	--	--	--	--
MW-6	1/24/17		3785.78	--	--	--	--	--
MW-6	2/8/17		3785.78	--	--	--	--	--
MW-6	2/27/17		3785.78	66.19	--	--	3719.59	73.42
MW-6	3/1/17		3785.78	--	--	--	--	--
MW-6	4/3/17		3785.78	--	--	--	--	--
MW-6	5/2/17		3785.78	--	--	--	--	--
MW-6	5/16/17		3785.78	--	--	--	--	--
MW-6	5/30/17		3785.78	66.33	--	--	3719.45	77.44
MW-6	6/1/17		3785.78	--	--	--	--	--
MW-6	6/13/17		3785.78	--	--	--	--	--
MW-6	6/28/17		3785.79	--	--	--	--	--
MW-6	7/5/17		3785.79	--	--	--	--	--
MW-6	7/14/17		3785.79	--	--	--	--	--
MW-6	8/31/17		3785.79	66.53	--	--	3719.26	73.45
MW-6	11/28/17		3785.79	66.65	--	--	3719.14	73.44
MW-6	11/30/17		3785.79	--	--	--	--	--
MW-6	12/12/17		3785.79	--	--	--	--	--
MW-6	2/15/18		3785.79	--	--	--	--	--
MW-6	2/26/18		3785.79	66.81	--	--	3718.98	73.71
MW-6	3/2/18		3785.79	--	--	--	--	--
MW-6	5/29/18		3785.79	66.91	--	--	3718.88	73.65
MW-6	5/30/18		3785.79	--	--	--	--	--
MW-6	8/29/18		3785.79	67.12	--	--	3718.67	73.71
MW-6	11/26/18		3785.79	67.31	--	--	3718.48	--
MW-6	2/25/19		3785.79	67.5	--	--	3718.29	--
MW-6	2/27/19		3785.79	--	--	--	--	--
MW-6	5/20/19		3785.79	68.14	--	--	3717.65	--
MW-6	5/21/19		3785.79	--	--	--	--	--
MW-6	7/23/19		3785.79	67.75	--	--	3718.04	--
MW-6	7/26/19		3785.79	--	--	--	--	--
MW-6	10/22/19		3785.79	67.95	--	--	3717.84	--
MW-6	2/10/20		3785.79	68.15	--	--	3717.64	73.5
MW-6	4/27/20		3785.79	68.28	--	--	3717.51	--
MW-6	5/11/20		3785.79	68.32	--	--	3717.47	--
MW-6	6/18/20		3785.79	68.37	--	--	3717.42	--
MW-6	7/27/20		3785.79	68.42	--	--	3717.37	--
MW-6	8/27/20		3785.79	68.48	--	--	3717.31	--
MW-6	9/15/20		3785.79	68.55	--	--	3717.24	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-6	10/29/20		3785.79	68.63	--	--	3717.16	--
MW-6	12/11/20		3785.79	68.72	--	--	3717.07	--
MW-7	6/16/11	LNAPL	3783.14	61.7	59.55	2.15	3723.181	67.63
MW-7	7/28/11	LNAPL	3783.14	66.65	61.05	5.6	3721.026	72.85
MW-7	8/1/11		3783.14	59.57	--	--	3723.57	--
MW-7	8/10/11	LNAPL	3783.14	60.24	59.97	0.27	3723.119	--
MW-7	8/17/11	LNAPL	3783.14	60.32	59.99	0.33	3723.087	--
MW-7	8/23/11	LNAPL	3783.14	60.63	60.01	0.62	3723.012	--
MW-7	9/7/11	LNAPL	3783.14	60.88	59.92	0.96	3723.038	67.63
MW-7	9/21/11	LNAPL	3783.14	61.2	59.89	1.31	3723.001	--
MW-7	9/28/11	LNAPL	3783.14	61.32	59.91	1.41	3722.962	--
MW-7	10/5/11	LNAPL	3783.14	60.81	60.01	0.8	3722.978	--
MW-7	10/12/11	LNAPL	3783.14	60.78	60.05	0.73	3722.951	--
MW-7	10/19/11	LNAPL	3783.14	60.69	60.05	0.64	3722.969	--
MW-7	10/26/11	LNAPL	3783.14	60.63	60.1	0.53	3722.939	--
MW-7	11/1/11	LNAPL	3783.14	60.82	60.09	0.73	3722.911	--
MW-7	11/9/11	LNAPL	3783.14	60.99	60.01	0.98	3722.944	--
MW-7	11/16/11	LNAPL	3783.14	60.89	60.08	0.81	3722.906	--
MW-7	11/22/11	LNAPL	3783.14	61.02	60.03	0.99	3722.922	--
MW-7	11/28/11	LNAPL	3783.14	61.18	60.02	1.16	3722.9	67.6
MW-7	1/4/12	LNAPL	3783.14	61.8	59.9	1.9	3722.879	--
MW-7	1/11/12	LNAPL	3783.14	60.85	60.18	0.67	3722.833	--
MW-7	1/16/12	LNAPL	3783.14	60.93	60.17	0.76	3722.826	--
MW-7	1/25/12	LNAPL	3783.14	61.2	60.12	1.08	3722.815	--
MW-7	2/1/12	LNAPL	3783.14	61.35	60.1	1.25	3722.802	--
MW-7	2/8/12	LNAPL	3783.14	60.93	60.18	0.75	3722.817	--
MW-7	2/15/12	LNAPL	3783.14	61.12	60.19	0.93	3722.773	--
MW-7	2/21/12	LNAPL	3783.14	61.03	60.09	0.94	3722.871	--
MW-7	3/5/12	LNAPL	3783.14	61.32	60.15	1.17	3722.768	67.59
MW-7	3/14/12	LNAPL	3783.14	61.55	60.15	1.4	3722.724	--
MW-7	3/20/12	LNAPL	3783.14	61.18	60.2	0.98	3722.754	--
MW-7	3/28/12	LNAPL	3783.14	61.35	60.2	1.15	3722.721	--
MW-7	4/4/12	LNAPL	3783.14	61.51	60.15	1.36	3722.732	--
MW-7	4/11/12	LNAPL	3783.14	61.61	60.14	1.47	3722.721	--
MW-7	4/18/12	LNAPL	3783.14	61.29	60.21	1.08	3722.725	--
MW-7	4/24/12	LNAPL	3783.14	61.4	60.23	1.17	3722.688	--
MW-7	5/1/12	LNAPL	3783.14	61.25	60.25	1	3722.7	--
MW-7	5/9/12	LNAPL	3783.14	60.95	60.37	0.58	3722.66	--
MW-7	5/17/12	LNAPL	3783.14	61.13	60.32	0.81	3722.666	--
MW-7	5/24/12	LNAPL	3783.14	61.29	60.3	0.99	3722.652	--
MW-7	6/5/12	LNAPL	3783.14	61.51	60.27	1.24	3722.635	--
MW-7	6/20/12	LNAPL	3783.14	61.73	60.21	1.52	3722.641	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	6/27/12	LNAPL	3783.14	61.41	60.34	1.07	3722.597	--
MW-7	7/2/12	LNAPL	3783.14	61.46	60.31	1.15	3722.612	--
MW-7	7/18/12	LNAPL	3783.14	61.77	60.31	1.46	3722.552	--
MW-7	7/25/12	LNAPL	3783.14	61.82	60.24	1.58	3722.6	--
MW-7	8/8/12	LNAPL	3783.14	61.34	60.4	0.94	3722.561	--
MW-7	8/14/12	LNAPL	3783.14	61.36	60.42	0.94	3722.542	--
MW-7	8/15/12	LNAPL	3783.14	61.57	60.4	1.17	3722.518	--
MW-7	8/28/12	LNAPL	3783.14	61.16	60.45	0.71	3722.555	--
MW-7	9/10/12	LNAPL	3783.14	61.4	60.45	0.95	3722.51	--
MW-7	10/3/12	LNAPL	3783.14	61.73	61.42	0.31	3721.661	--
MW-7	10/9/12	LNAPL	3783.14	61.81	60.43	1.38	3722.448	--
MW-7	10/15/12	LNAPL	3783.14	61.85	60.4	1.45	3722.465	--
MW-7	10/23/12	LNAPL	3783.14	62	60.41	1.59	3722.428	--
MW-7	10/30/12	LNAPL	3783.14	61.7	59.45	2.25	3723.262	63.4
MW-7	11/6/12	LNAPL	3783.14	61.05	60.5	0.55	3722.535	67.4
MW-7	12/3/12	LNAPL	3783.14	61.39	60.61	0.78	3722.382	--
MW-7	1/2/13	LNAPL	3783.14	61.73	60.6	1.13	3722.325	67.4
MW-7	1/15/13	LNAPL	3783.14	61.12	60.75	0.37	3722.32	67.4
MW-7	1/22/13	LNAPL	3783.14	61	60.75	0.25	3722.343	67.4
MW-7	2/28/13	LNAPL	3783.14	61.49	60.75	0.74	3722.25	--
MW-7	3/5/13	LNAPL	3783.14	61.6	60.77	0.83	3722.212	--
MW-7	3/19/13	LNAPL	3783.14	61.73	60.81	0.92	3722.155	--
MW-7	3/26/13	LNAPL	3783.14	61.81	60.75	1.06	3722.189	--
MW-7	5/28/13	LNAPL	3783.14	62.12	60.76	1.36	3722.122	--
MW-7	6/11/13	LNAPL	3783.14	63.34	60.81	2.53	3721.849	--
MW-7	6/18/13	LNAPL	3783.14	62.3	60.77	1.53	3722.079	--
MW-7	6/25/13	LNAPL	3783.14	62.4	60.81	1.59	3722.028	--
MW-7	7/2/13	LNAPL	3783.14	62.29	60.86	1.43	3722.008	--
MW-7	7/17/13	LNAPL	3783.14	62.32	60.8	1.52	3722.051	--
MW-7	7/24/13	LNAPL	3783.14	62.5	60.83	1.67	3721.993	--
MW-7	7/31/13	LNAPL	3783.14	61.68	61.07	0.61	3721.954	--
MW-7	8/13/13	LNAPL	3783.14	61.78	61.02	0.76	3721.976	--
MW-7	8/28/13	LNAPL	3783.14	61.83	61	0.83	3721.982	--
MW-7	9/11/13	LNAPL	3783.14	62.03	61.04	0.99	3721.912	--
MW-7	9/18/13	LNAPL	3783.14	62.11	61	1.11	3721.929	--
MW-7	9/24/13	LNAPL	3783.14	62.1	61	1.1	3721.931	--
MW-7	10/1/13	LNAPL	3783.14	62.19	61.01	1.18	3721.906	--
MW-7	10/8/13	LNAPL	3783.14	61.57	61.21	0.36	3721.862	--
MW-7	10/15/13	LNAPL	3783.14	61.6	61.13	0.47	3721.921	--
MW-7	10/29/13	LNAPL	3783.14	61.78	61.18	0.6	3721.846	--
MW-7	11/5/13	LNAPL	3783.14	61.55	61.24	0.31	3721.841	--
MW-7	11/11/13	LNAPL	3783.14	61.43	61.3	0.13	3721.815	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	11/20/13	LNAPL	3783.14	61.54	61.32	0.22	3721.778	--
MW-7	12/10/13	LNAPL	3783.14	61.7	61.3	0.4	3721.764	--
MW-7	12/17/13	LNAPL	3783.14	61.6	61.27	0.33	3721.807	--
MW-7	1/28/14	LNAPL	3783.14	61.88	61.33	0.55	3721.706	67.59
MW-7	2/18/14	LNAPL	3783.14	61.9	61.36	0.54	3721.677	--
MW-7	2/25/14	LNAPL	3783.14	61.72	61.48	0.24	3721.615	--
MW-7	3/19/14	LNAPL	3783.14	61.92	61.42	0.5	3721.625	--
MW-7	3/25/14	LNAPL	3783.14	61.85	61.52	0.33	3721.557	--
MW-7	4/22/14	LNAPL	3783.14	61.97	61.8	0.17	3721.308	--
MW-7	4/29/14	LNAPL	3783.14	61.67	61.61	0.06	3721.519	--
MW-7	5/7/14	LNAPL	3783.14	61.64	61.62	0.02	3721.516	--
MW-7	5/14/14	LNAPL	3783.14	61.71	61.64	0.07	3721.487	--
MW-7	5/28/14	LNAPL	3783.14	61.78	61.63	0.15	3721.481	--
MW-7	6/3/14	LNAPL	3783.14	61.83	61.66	0.17	3721.448	--
MW-7	6/10/14	LNAPL	3783.14	61.82	61.69	0.13	3721.425	--
MW-7	6/17/14	LNAPL	3783.14	61.74	61.72	0.02	3721.416	--
MW-7	7/1/14	LNAPL	3783.14	61.89	61.82	0.07	3721.307	--
MW-7	7/9/14		3783.14	61.81	--	--	3721.33	--
MW-7	7/15/14		3783.14	61.83	--	--	3721.31	--
MW-7	7/25/14		3783.14	61.93	--	--	3721.21	--
MW-7	7/31/14		3783.14	61.85	--	--	3721.29	--
MW-7	8/5/14		3783.14	61.91	--	--	3721.23	--
MW-7	8/14/14		3783.14	61.84	--	--	3721.3	--
MW-7	8/20/14		3783.14	61.85	--	--	3721.29	--
MW-7	8/26/14		3783.14	61.83	--	--	3721.31	--
MW-7	9/2/14	LNAPL	3783.14	61.87	61.8	0.07	3721.327	--
MW-7	9/10/14	LNAPL	3783.14	61.95	61.8	0.15	3721.312	--
MW-7	9/17/14		3783.14	62.05	--	--	3721.09	--
MW-7	10/7/14	LNAPL	3783.14	62.2	62.19	0.01	3720.948	--
MW-7	11/5/14	LNAPL	3783.14	62.05	62.01	0.04	3721.122	--
MW-7	11/12/14	LNAPL	3783.14	62	61.99	0.01	3721.148	--
MW-7	11/18/14	LNAPL	3783.14	61.96	61.9	0.06	3721.229	--
MW-7	12/2/14	LNAPL	3783.14	62.15	61.94	0.21	3721.16	--
MW-7	3/3/15	LNAPL	3783.14	62.24	62.08	0.16	3721.03	--
MW-7	6/1/15	LNAPL	3783.14	62.9	62.11	0.79	3720.88	--
MW-7	8/10/15	LNAPL	3783.14	62.78	62.25	0.53	3720.789	--
MW-7	11/30/15	LNAPL	3783.14	62.95	62.49	0.46	3720.563	--
MW-7	2/9/16	LNAPL	3783.14	62.89	62.69	0.2	3720.412	--
MW-7	5/23/16	LNAPL	3783.14	63.2	62.83	0.37	3720.24	--
MW-7	5/27/16		3783.14	--	--	--	--	--
MW-7	5/31/16		3783.14	--	--	--	--	--
MW-7	6/14/16		3783.14	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	6/28/16		3783.14	--	--	--	--	--
MW-7	7/5/16		3783.14	--	--	--	--	--
MW-7	7/12/16		3783.14	--	--	--	--	--
MW-7	8/3/16		3783.14	--	--	--	--	--
MW-7	8/16/16		3783.14	--	--	--	--	--
MW-7	8/30/16	LNAPL	3783.14	63.69	63.12	0.57	3719.912	--
MW-7	9/7/16		3783.14	--	--	--	--	--
MW-7	9/20/16		3783.14	--	--	--	--	--
MW-7	10/4/16		3783.14	--	--	--	--	--
MW-7	10/11/16		3783.14	--	--	--	--	--
MW-7	10/31/16	LNAPL	3783.14	63.85	63.01	0.84	3719.97	--
MW-7	11/9/16		3783.14	--	--	--	--	--
MW-7	11/22/16		3783.14	--	--	--	--	--
MW-7	11/29/16		3783.14	--	--	--	--	--
MW-7	12/13/16		3783.14	--	--	--	--	--
MW-7	1/4/17		3783.14	--	--	--	--	--
MW-7	1/17/17		3783.14	--	--	--	--	--
MW-7	2/27/17	LNAPL	3783.14	63.52	63.34	0.18	3719.766	--
MW-7	4/3/17		3783.14	--	--	--	--	--
MW-7	5/10/17		3783.14	--	--	--	--	--
MW-7	5/30/17	LNAPL	3783.14	63.85	63.53	0.32	3719.549	--
MW-7	6/5/17		3783.14	--	--	--	--	--
MW-7	7/5/17		3783.06	--	--	--	--	--
MW-7	7/26/17		3783.06	--	--	--	--	--
MW-7	8/31/17	LNAPL	3783.06	63.88	63.72	0.16	3719.31	--
MW-7	9/5/17		3783.06	--	--	--	--	--
MW-7	11/29/17	LNAPL	3783.06	63.91	63.82	0.09	3719.223	--
MW-7	12/12/17		3783.06	--	--	--	--	--
MW-7	2/15/18		3783.06	--	--	--	--	--
MW-7	2/26/18	LNAPL	3783.06	64.21	64	0.21	3719.02	69.51
MW-7	5/29/18	LNAPL	3783.06	64.31	64.11	0.2	3718.912	--
MW-7	8/29/18	LNAPL	3783.06	64.38	64.3	0.08	3718.745	--
MW-7	11/26/18	LNAPL	3783.06	64.75	64.51	0.24	3718.504	--
MW-7	1/23/19	LNAPL	3783.06	64.9	64.59	0.31	3718.411	--
MW-7	2/25/19	LNAPL	3783.06	64.79	64.69	0.1	3718.351	--
MW-7	5/20/19	LNAPL	3783.06	64.97	64.83	0.14	3718.203	--
MW-7	6/11/19		3783.06	--	--	--	--	--
MW-7	7/23/19	LNAPL	3783.06	65.2	64.95	0.25	3718.063	--
MW-7	8/21/19		3783.06	--	--	--	--	--
MW-7	9/3/19		3783.06	--	--	--	--	--
MW-7	9/11/19		3783.06	--	--	--	--	--
MW-7	10/22/19	LNAPL	3783.06	65.28	65.1	0.18	3717.926	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	2/10/20	LNAPL	3783.06	65.52	65.32	0.2	3717.702	70
MW-7	4/27/20	LNAPL	3783.06	65.76	65.41	0.35	3717.583	--
MW-7	5/11/20	LNAPL	3783.06	65.79	65.44	0.35	3717.553	--
MW-7	6/18/20	LNAPL	3783.06	65.94	65.53	0.41	3717.452	--
MW-7	7/27/20	LNAPL	3783.06	66.02	65.55	0.47	3717.421	--
MW-7	8/27/20	LNAPL	3783.06	66.08	65.6	0.48	3717.369	--
MW-7	9/4/20	LNAPL	3783.06	66.12	65.64	0.48	3717.329	--
MW-7	9/4/20	LNAPL	3783.06	65.42	65.41	0.01	3717.648	--
MW-7	9/15/20	LNAPL	3783.06	65.85	65.78	0.07	3717.267	--
MW-7	10/29/20	LNAPL	3783.06	65.89	65.88	0.01	3717.178	--
MW-7	12/11/20	LNAPL	3783.06	66.04	65.9	0.14	3717.133	--
MW-8	6/16/11		3785.89	61.95	--	--	3723.94	74.05
MW-8	9/7/11		3785.89	62.14	--	--	3723.75	73.21
MW-8	11/28/11		3785.89	62.23	--	--	3723.66	75.42
MW-8	3/5/12		3785.89	62.37	--	--	3723.52	75.49
MW-8	6/5/12		3785.89	62.5	--	--	3723.39	74.15
MW-8	9/10/12		3785.89	62.63	--	--	3723.26	74.1
MW-8	12/3/12		3785.89	62.58	--	--	3723.31	74.11
MW-8	3/5/13		3785.89	62.95	--	--	3722.94	74.12
MW-8	5/28/13		3785.89	63.04	--	--	3722.85	74.08
MW-8	8/28/13		3785.89	63.16	--	--	3722.73	74.14
MW-8	11/11/13		3785.89	63.32	--	--	3722.57	74.14
MW-8	2/25/14		3785.89	63.53	--	--	3722.36	74.08
MW-8	5/28/14		3785.89	63.65	--	--	3722.24	--
MW-8	9/2/14		3785.89	63.8	--	--	3722.09	--
MW-8	11/18/14		3785.89	63.96	--	--	3721.93	--
MW-8	3/3/15		3785.89	64.12	--	--	3721.77	--
MW-8	6/1/15		3785.89	64.29	--	--	3721.6	--
MW-8	8/10/15		3785.89	64.41	--	--	3721.48	--
MW-8	11/30/15		3785.89	64.6	--	--	3721.29	--
MW-8	2/9/16		3785.89	64.73	--	--	3721.16	75.45
MW-8	5/23/16		3785.89	64.95	--	--	3720.94	--
MW-8	8/30/16		3785.89	65.16	--	--	3720.73	--
MW-8	8/31/16		3785.89	--	--	--	--	--
MW-8	10/31/16		3785.89	65.22	--	--	3720.67	75.45
MW-8	11/3/16		3785.89	--	--	--	--	--
MW-8	2/27/17		3785.89	65.41	--	--	3720.48	74.04
MW-8	3/1/17		3785.89	--	--	--	--	--
MW-8	5/30/17		3785.89	65.59	--	--	3720.3	74.07
MW-8	6/1/17		3785.89	--	--	--	--	--
MW-8	8/31/17		3785.88	65.76	--	--	3720.12	74.05
MW-8	11/28/17		3785.88	65.93	--	--	3719.95	74

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-8	11/30/17		3785.88	--	--	--	--	--
MW-8	2/26/18		3785.88	66.07	--	--	3719.81	74.14
MW-8	3/2/18		3785.88	--	--	--	--	--
MW-8	5/29/18		3785.88	66.2	--	--	3719.68	74.07
MW-8	5/30/18		3785.88	--	--	--	--	--
MW-8	8/29/18		3785.88	66.37	--	--	3719.51	74.14
MW-8	11/26/18		3785.88	66.6	--	--	3719.28	--
MW-8	2/25/19		3785.88	66.76	--	--	3719.12	--
MW-8	2/27/19		3785.88	--	--	--	--	--
MW-8	5/20/19		3785.88	66.89	--	--	3718.99	--
MW-8	5/21/19		3785.88	--	--	--	--	--
MW-8	7/23/19		3785.88	67.05	--	--	3718.83	--
MW-8	7/26/19		3785.88	--	--	--	--	--
MW-8	10/22/19		3785.88	67.23	--	--	3718.65	--
MW-8	2/10/20		3785.88	67.41	--	--	3718.47	74.05
MW-8	4/27/20		3785.88	67.54	--	--	3718.34	--
MW-8	5/11/20		3785.88	67.59	--	--	3718.29	--
MW-8	6/18/20		3785.88	67.64	--	--	3718.24	--
MW-8	7/27/20		3785.88	67.7	--	--	3718.18	--
MW-8	8/27/20		3785.88	67.77	--	--	3718.11	--
MW-8	9/15/20		3785.88	67.9	--	--	3717.98	--
MW-8	10/29/20		3785.88	67.92	--	--	3717.96	--
MW-8	12/11/20		3785.88	68	--	--	3717.88	--
MW-9	6/16/11		3784.17	60.95	--	--	3723.22	73.3
MW-9	9/7/11		3784.17	61.08	--	--	3723.09	73.21
MW-9	11/28/11		3784.17	61.22	--	--	3722.95	73.37
MW-9	3/5/12		3784.17	61.34	--	--	3722.83	73.36
MW-9	6/5/12		3784.17	61.46	--	--	3722.71	73.35
MW-9	9/10/12		3784.17	61.62	--	--	3722.55	73.5
MW-9	12/3/12		3784.17	61.8	--	--	3722.37	73.3
MW-9	3/5/13		3784.17	61.93	--	--	3722.24	73.35
MW-9	5/28/13		3784.17	62.05	--	--	3722.12	73.25
MW-9	8/28/13		3784.17	62.18	--	--	3721.99	73.32
MW-9	11/11/13		3784.17	62.31	--	--	3721.86	73.33
MW-9	2/25/14		3784.17	62.52	--	--	3721.65	73.3
MW-9	5/28/14		3784.17	62.65	--	--	3721.52	73.3
MW-9	9/2/14		3784.17	62.82	--	--	3721.35	73.3
MW-9	11/18/14		3784.17	62.96	--	--	3721.21	73.3
MW-9	3/3/15		3784.17	63.11	--	--	3721.06	73.74
MW-9	6/1/15		3784.17	63.26	--	--	3720.91	73.74
MW-9	8/10/15		3784.17	63.4	--	--	3720.77	73.74
MW-9	11/30/15		3784.17	63.59	--	--	3720.58	73.74

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-9	2/9/16		3784.17	63.72	--	--	3720.45	72.23
MW-9	5/23/16		3784.17	63.93	--	--	3720.24	72.23
MW-9	8/30/16		3784.17	64.16	--	--	3720.01	72.23
MW-9	8/31/16		3784.17	--	--	--	--	--
MW-9	10/31/16		3784.17	64.21	--	--	3719.96	72.23
MW-9	11/3/16		3784.17	--	--	--	--	--
MW-9	2/27/17		3784.17	64.41	--	--	3719.76	74.04
MW-9	3/1/17		3784.17	--	--	--	--	--
MW-9	5/30/17		3784.17	64.57	--	--	3719.6	73.21
MW-9	6/1/17		3784.17	--	--	--	--	--
MW-9	8/31/17		3784.08	64.75	--	--	3719.33	73.1
MW-9	11/28/17		3784.08	64.92	--	--	3719.16	73.14
MW-9	11/30/17		3784.08	--	--	--	--	--
MW-9	2/26/18		3784.08	65.05	--	--	3719.03	72.34
MW-9	3/2/18		3784.08	--	--	--	--	--
MW-9	5/29/18		3784.08	65.2	--	--	3718.88	72.27
MW-9	5/30/18		3784.08	--	--	--	--	--
MW-9	8/29/18		3784.08	65.34	--	--	3718.74	72.34
MW-9	11/26/18		3784.08	65.57	--	--	3718.51	--
MW-9	2/25/19		3784.08	65.75	--	--	3718.33	--
MW-9	2/27/19		3784.08	--	--	--	--	--
MW-9	5/20/19		3784.08	65.87	--	--	3718.21	--
MW-9	5/21/19		3784.08	--	--	--	--	--
MW-9	7/23/19		3784.08	66	--	--	3718.08	--
MW-9	7/26/19		3784.08	--	--	--	--	--
MW-9	10/22/19		3784.08	66.2	--	--	3717.88	--
MW-9	2/10/20		3784.08	66.9	--	--	3717.18	73.2
MW-9	4/27/20		3784.08	66.48	--	--	3717.6	--
MW-9	5/11/20		3784.08	66.55	--	--	3717.53	--
MW-9	6/18/20		3784.08	66.6	--	--	3717.48	--
MW-9	7/27/20		3784.08	66.68	--	--	3717.4	--
MW-9	8/27/20		3784.08	66.75	--	--	3717.33	--
MW-9	9/15/20		3784.08	66.78	--	--	3717.3	--
MW-9	10/29/20		3784.08	66.9	--	--	3717.18	--
MW-9	12/11/20		3784.08	66.96	--	--	3717.12	--
MW-10	6/16/11		3782.22	59.16	--	--	3723.06	66.28
MW-10	9/7/11		3782.22	59.32	--	--	3722.9	66.13
MW-10	11/28/11		3782.22	59.54	--	--	3722.68	66.26
MW-10	3/5/12		3782.22	59.58	--	--	3722.64	66.23
MW-10	6/5/12		3782.22	59.7	--	--	3722.52	66.33
MW-10	9/10/12		3782.22	59.85	--	--	3722.37	66.3
MW-10	12/3/12		3782.22	60.04	--	--	3722.18	66.21

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	3/5/13		3782.22	60.16	--	--	3722.06	66.13
MW-10	5/28/13		3782.22	60.26	--	--	3721.96	66.17
MW-10	8/28/13		3782.22	60.41	--	--	3721.81	66.2
MW-10	11/11/13		3782.22	62.11	--	--	3720.11	65.4
MW-10	2/25/14		3782.22	60.75	--	--	3721.47	66.13
MW-10	5/28/14		3782.22	60.87	--	--	3721.35	66.13
MW-10	9/2/14		3782.22	61.01	--	--	3721.21	66.13
MW-10	11/18/14		3782.22	61.2	--	--	3721.02	66.13
MW-10	3/3/15		3782.22	61.35	--	--	3720.87	65.08
MW-10	6/1/15		3782.22	61.48	--	--	3720.74	--
MW-10	8/10/15		3782.22	61.62	--	--	3720.6	--
MW-10	11/30/15		3782.22	61.81	--	--	3720.41	--
MW-10	2/9/16		3782.22	61.94	--	--	3720.28	66.09
MW-10	5/23/16		3782.22	62.11	--	--	3720.11	66.06
MW-10	8/30/16		3782.22	62.36	--	--	3719.86	66.09
MW-10	8/31/16		3782.22	--	--	--	--	--
MW-10	10/31/16		3782.22	62.42	--	--	3719.8	66.09
MW-10	11/3/16		3782.22	--	--	--	--	--
MW-10	2/27/17		3782.22	62.6	--	--	3719.62	66.02
MW-10	3/1/17		3782.22	--	--	--	--	--
MW-10	5/30/17		3782.22	62.81	--	--	3719.41	66
MW-10	6/1/17		3782.22	--	--	--	--	--
MW-10	8/31/17		3782.15	63.03	--	--	3719.12	66.15
MW-10	11/28/17		3782.15	63.11	--	--	3719.04	66.16
MW-10	11/30/17		3782.15	--	--	--	--	--
MW-10	2/26/18		3782.15	63.27	--	--	3718.88	66.32
MW-10	3/2/18		3782.15	--	--	--	--	--
MW-10	5/29/18		3782.15	63.51	--	--	3718.64	66.29
MW-10	5/30/18		3782.15	--	--	--	--	--
MW-10	8/29/18		3782.15	63.56	--	--	3718.59	66.35
MW-10	11/26/18		3782.15	63.78	--	--	3718.37	--
MW-10	2/25/19		3782.15	63.96	--	--	3718.19	--
MW-10	2/27/19		3782.15	--	--	--	--	--
MW-10	5/20/19		3782.15	64.08	--	--	3718.07	--
MW-10	5/21/19		3782.15	--	--	--	--	--
MW-10	7/23/19		3782.15	64.23	--	--	3717.92	--
MW-10	7/26/19		3782.15	--	--	--	--	--
MW-10	10/22/19		3782.15	64.45	--	--	3717.7	--
MW-10	2/10/20		3782.15	64.6	--	--	3717.55	66.5
MW-10	4/27/20		3782.15	64.75	--	--	3717.4	--
MW-10	5/11/20		3782.15	64.77	--	--	3717.38	--
MW-10	6/18/20		3782.15	64.8	--	--	3717.35	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	7/27/20		3782.15	64.87	--	--	3717.28	--
MW-10	8/27/20		3782.15	64.95	--	--	3717.2	--
MW-10	9/15/20		3782.15	65	--	--	3717.15	--
MW-10	10/29/20		3782.15	65.12	--	--	3717.03	--
MW-10	12/11/20		3782.15	65.18	--	--	3716.97	--
MW-11	6/16/11		3783.35	60.76	--	--	3722.59	62.6
MW-11	9/7/11		3783.35	60.92	--	--	3722.43	62.63
MW-11	11/28/11		3783.35	61.02	--	--	3722.33	--
MW-11	3/5/12		3783.35	61.15	--	--	3722.2	--
MW-11	6/5/12		3783.35	61.3	--	--	3722.05	62.64
MW-11	9/10/12		3783.35	61.4	--	--	3721.95	62.8
MW-11	12/3/12		3783.35	61.61	--	--	3721.74	62.61
MW-11	3/5/13		3783.35	61.75	--	--	3721.6	62.59
MW-11	5/28/13		3783.35	61.84	--	--	3721.51	62.61
MW-11	8/28/13		3783.35	61.96	--	--	3721.39	62.66
MW-11	11/11/13		3783.35	62.11	--	--	3721.24	65.4
MW-11	2/25/14		3783.35	62.32	--	--	3721.03	62.7
MW-11	5/28/14		3783.35	62.42	--	--	3720.93	--
MW-11	9/2/14	Dry	3783.35	--	--	--	--	--
MW-11	11/18/14	Dry	3783.35	--	--	--	--	--
MW-11	3/3/15	Dry	3783.35	--	--	--	--	62.68
MW-11	6/1/15	Dry	3783.35	--	--	--	--	--
MW-11	8/10/15	Dry	3783.35	--	--	--	--	--
MW-11	11/30/15	Dry	3783.35	--	--	--	--	--
MW-11	2/9/16	Dry	3783.35	--	--	--	--	62.65
MW-11	5/23/16	Dry	3783.35	--	--	--	--	--
MW-11	8/30/16	Dry	3783.35	--	--	--	--	--
MW-11	10/31/16	Dry	3783.35	--	--	--	--	--
MW-11	2/27/17	Dry	3783.35	--	--	--	--	--
MW-11	5/30/17	Dry	3783.35	--	--	--	--	62.6
MW-11	6/1/17	Dry	3783.35	--	--	--	--	--
MW-11	8/31/17	Dry	3783.6	--	--	--	--	62.6
MW-11	11/28/17	Dry	3783.6	--	--	--	--	62.56
MW-11	2/26/18	Dry	3783.6	--	--	--	--	65.43
MW-11	5/29/18	Dry	3783.6	--	--	--	--	65.4
MW-11	8/29/18	Dry	3783.6	--	--	--	--	65.43
MW-11	11/26/18	Dry	3783.6	--	--	--	--	62.67
MW-11	2/25/19	Dry	3783.6	--	--	--	--	62.65
MW-11	5/20/19	Dry	3783.6	--	--	--	--	--
MW-11	7/23/19	Dry	3783.6	--	--	--	--	--
MW-11	10/22/19	Dry	3783.6	--	--	--	--	65.39
MW-11	2/19/20		--	--	--	--	--	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-12	6/16/11		3780.8	58.43	--	--	3722.37	67.18
MW-12	9/7/11		3780.8	58.58	--	--	3722.22	67.63
MW-12	11/28/11		3780.8	58.66	--	--	3722.14	67.65
MW-12	3/5/12		3780.8	58.81	--	--	3721.99	67.68
MW-12	6/5/12		3780.8	58.95	--	--	3721.85	67.41
MW-12	9/10/12		3780.8	59.09	--	--	3721.71	67.33
MW-12	12/3/12		3780.8	59.21	--	--	3721.59	67.31
MW-12	3/5/13		3780.8	59.4	--	--	3721.4	--
MW-12	5/28/13		3780.8	59.5	--	--	3721.3	67.41
MW-12	8/28/13		3780.8	59.65	--	--	3721.15	67.35
MW-12	11/11/13		3780.8	59.74	--	--	3721.06	67.43
MW-12	2/25/14		3780.8	59.96	--	--	3720.84	67.35
MW-12	5/28/14		3780.8	61	--	--	3719.8	--
MW-12	9/2/14		3780.8	60.25	--	--	3720.55	--
MW-12	11/18/14		3780.8	60.41	--	--	3720.39	--
MW-12	3/3/15		3780.8	60.56	--	--	3720.24	67.22
MW-12	6/1/15		3780.8	60.7	--	--	3720.1	--
MW-12	8/10/15		3780.8	60.85	--	--	3719.95	--
MW-12	11/30/15		3780.8	61.26	--	--	3719.54	--
MW-12	2/9/16		3780.8	61.17	--	--	3719.63	67.49
MW-12	5/23/16		3780.8	61.38	--	--	3719.42	--
MW-12	6/14/16		3780.8	--	--	--	--	--
MW-12	6/20/16		3780.8	--	--	--	--	--
MW-12	7/5/16		3780.8	--	--	--	--	--
MW-12	8/23/16		3780.8	--	--	--	--	--
MW-12	8/30/16		3780.8	61.91	--	--	3718.89	67.49
MW-12	8/31/16		3780.8	--	--	--	--	--
MW-12	9/27/16		3780.8	--	--	--	--	--
MW-12	10/31/16		3780.8	61.89	--	--	3718.91	67.49
MW-12	11/3/16		3780.8	--	--	--	--	--
MW-12	2/27/17		3780.8	61.96	--	--	3718.84	67.21
MW-12	3/1/17		3780.8	--	--	--	--	--
MW-12	5/30/17		3780.8	62.02	--	--	3718.78	67.2
MW-12	6/1/17		3780.8	--	--	--	--	--
MW-12	8/31/17		3779.79	62.28	--	--	3717.51	67.25
MW-12	11/28/17		3779.79	62.33	--	--	3717.46	67.19
MW-12	11/30/17		3779.79	--	--	--	--	--
MW-12	2/26/18		3779.79	62.46	--	--	3717.33	67.31
MW-12	3/2/18		3779.79	--	--	--	--	--
MW-12	5/29/18		3779.79	62.68	--	--	3717.11	67.28
MW-12	5/30/18		3779.79	--	--	--	--	--
MW-12	8/29/18		3779.79	62.79	--	--	3717	67.31

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-12	11/26/18		3779.79	62.99	--	--	3716.8	--
MW-12	2/25/19		3779.79	63.17	--	--	3716.62	--
MW-12	2/27/19		3779.79	--	--	--	--	--
MW-12	5/20/19		3779.79	63.3	--	--	3716.49	--
MW-12	5/21/19		3779.79	--	--	--	--	--
MW-12	7/23/19		3779.79	63.43	--	--	3716.36	--
MW-12	7/26/19		3779.79	--	--	--	--	--
MW-12	10/22/19		3779.79	63.6	--	--	3716.19	--
MW-12	12/13/19		3780.75	--	--	--	--	--
MW-12	2/10/20		3780.75	63.83	--	--	3716.92	67.3
MW-12	4/27/20		3780.75	63.95	--	--	3716.8	--
MW-12	5/11/20		3780.75	63.98	--	--	3716.77	--
MW-12	6/18/20		3780.75	64.04	--	--	3716.71	--
MW-12	7/27/20		3780.75	64.1	--	--	3716.65	--
MW-12	8/27/20		3780.75	64.17	--	--	3716.58	--
MW-12	9/15/20		3780.75	64.25	--	--	3716.5	--
MW-12	10/29/20		3780.75	64.32	--	--	3716.43	--
MW-12	12/11/20		3780.75	64.38	--	--	3716.37	--
MW-13	6/16/11		3781.16	58.81	--	--	3722.35	63.91
MW-13	9/7/11		3781.16	58.97	--	--	3722.19	64.32
MW-13	11/28/11		3781.16	59.1	--	--	3722.06	64.01
MW-13	3/5/12		3781.16	59.22	--	--	3721.94	64
MW-13	6/5/12		3781.16	59.32	--	--	3721.84	64.05
MW-13	9/10/12		3781.16	59.49	--	--	3721.67	64.03
MW-13	12/3/12		3781.16	59.61	--	--	3721.55	63.92
MW-13	3/5/13		3781.16	59.8	--	--	3721.36	64
MW-13	5/28/13		3781.16	59.9	--	--	3721.26	64.1
MW-13	8/28/13		3781.16	60.02	--	--	3721.14	64
MW-13	11/11/13		3781.16	60.18	--	--	3720.98	64.2
MW-13	2/25/14		3781.16	60.36	--	--	3720.8	64.1
MW-13	5/28/14		3781.16	60.49	--	--	3720.67	--
MW-13	9/2/14		3781.16	60.64	--	--	3720.52	--
MW-13	11/18/14		3781.16	60.8	--	--	3720.36	--
MW-13	3/3/15		3781.16	60.95	--	--	3720.21	64.18
MW-13	6/1/15		3781.16	61.09	--	--	3720.07	--
MW-13	8/10/15		3781.16	61.22	--	--	3719.94	--
MW-13	11/30/15		3781.16	61.44	--	--	3719.72	--
MW-13	2/9/16		3781.16	61.55	--	--	3719.61	64.75
MW-13	5/23/16		3781.16	61.73	--	--	3719.43	--
MW-13	8/30/16		3781.16	61.99	--	--	3719.17	--
MW-13	8/31/16		3781.16	--	--	--	--	--
MW-13	10/31/16		3781.16	62.02	--	--	3719.14	64.75

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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-13	11/3/16		3781.16	--	--	--	--	--
MW-13	2/27/17		3781.16	62.22	--	--	3718.94	64.6
MW-13	3/1/17		3781.16	--	--	--	--	--
MW-13	5/30/17		3781.16	62.4	--	--	3718.76	64.55
MW-13	6/1/17		3781.16	--	--	--	--	--
MW-13	8/31/17		3781.14	62.6	--	--	3718.54	64.59
MW-13	11/28/17		3781.14	62.72	--	--	3718.42	64.55
MW-13	11/30/17		3781.14	--	--	--	--	--
MW-13	2/26/18		3781.14	62.88	--	--	3718.26	65.21
MW-13	3/2/18		3781.14	--	--	--	--	--
MW-13	5/29/18		3781.14	63.06	--	--	3718.08	--
MW-13	5/30/18		3781.14	--	--	--	--	--
MW-13	8/29/18		3781.14	63.17	--	--	3717.97	65.22
MW-13	11/26/18		3781.14	63.38	--	--	3717.76	--
MW-13	2/25/19		3781.14	63.55	--	--	3717.59	--
MW-13	2/27/19		3781.14	--	--	--	--	--
MW-13	5/20/19		3781.14	63.69	--	--	3717.45	--
MW-13	5/21/19		3781.14	--	--	--	--	--
MW-13	7/23/19		3781.14	63.8	--	--	3717.34	--
MW-13	7/26/19		3781.14	--	--	--	--	--
MW-13	10/22/19		3781.14	64.03	--	--	3717.11	--
MW-13	2/19/20		--	--	--	--	--	--
MW-14	6/16/11		3781.33	59.2	--	--	3722.13	63.02
MW-14	9/7/11		3781.33	59.34	--	--	3721.99	63.41
MW-14	11/28/11		3781.33	59.43	--	--	3721.9	63.1
MW-14	3/5/12		3781.33	59.58	--	--	3721.75	63.11
MW-14	6/5/12		3781.33	59.71	--	--	3721.62	63.08
MW-14	9/10/12		3781.33	59.91	--	--	3721.42	63.12
MW-14	12/3/12		3781.33	60.03	--	--	3721.3	63.1
MW-14	3/5/13		3781.33	60.15	--	--	3721.18	63.15
MW-14	5/28/13		3781.33	60.26	--	--	3721.07	63.31
MW-14	8/28/13		3781.33	60.41	--	--	3720.92	63.6
MW-14	11/11/13		3781.33	60.53	--	--	3720.8	64.08
MW-14	2/25/14		3781.33	60.75	--	--	3720.58	64.04
MW-14	5/28/14		3781.33	60.86	--	--	3720.47	64.04
MW-14	9/2/14		3781.33	61	--	--	3720.33	64.04
MW-14	11/18/14		3781.33	61.16	--	--	3720.17	64.04
MW-14	3/3/15		3781.33	61.31	--	--	3720.02	64.65
MW-14	6/1/15		3781.33	61.45	--	--	3719.88	--
MW-14	8/10/15		3781.33	61.6	--	--	3719.73	--
MW-14	11/30/15		3781.33	61.8	--	--	3719.53	--
MW-14	2/9/16		3781.33	61.9	--	--	3719.43	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	5/23/16		3781.33	62.13	--	--	3719.2	--
MW-14	8/30/16		3781.33	62.32	--	--	3719.01	64.95
MW-14	8/31/16		3781.33	--	--	--	--	--
MW-14	10/31/16		3781.33	62.37	--	--	3718.96	64.95
MW-14	11/3/16		3781.33	--	--	--	--	--
MW-14	2/27/17		3781.33	62.59	--	--	3718.74	64.83
MW-14	3/1/17		3781.33	--	--	--	--	--
MW-14	5/30/17		3781.33	62.78	--	--	3718.55	64.78
MW-14	6/1/17		3781.33	--	--	--	--	--
MW-14	8/31/17		3781.26	62.95	--	--	3718.31	64.87
MW-14	11/28/17		3781.26	63.11	--	--	3718.15	64.83
MW-14	11/30/17		3781.26	--	--	--	--	--
MW-14	2/26/18		3781.26	63.22	--	--	3718.04	65.03
MW-14	3/2/18		3781.26	--	--	--	--	--
MW-14	5/29/18		3781.26	63.41	--	--	3717.85	64.99
MW-14	5/30/18		3781.26	--	--	--	--	--
MW-14	8/29/18		3781.26	63.56	--	--	3717.7	64.93
MW-14	11/26/18		3781.26	63.77	--	--	3717.49	--
MW-14	2/25/19		3781.26	63.9	--	--	3717.36	--
MW-14	2/27/19		3781.26	--	--	--	--	--
MW-14	5/20/19		3781.26	64.02	--	--	3717.24	--
MW-14	5/21/19		3781.26	--	--	--	--	--
MW-14	7/23/19		3781.26	64.15	--	--	3717.11	--
MW-14	7/26/19		3781.26	--	--	--	--	--
MW-14	10/22/19		3781.26	64.35	--	--	3716.91	--
MW-14	2/19/20		--	--	--	--	--	--
MW-15	6/16/11		3782.43	60.91	--	--	3721.52	66.55
MW-15	9/7/11	Dry	3782.43	--	--	--	--	67.31
MW-15	11/28/11		3782.43	61.18	--	--	3721.25	66.81
MW-15	3/5/12		3782.43	61.3	--	--	3721.13	66.88
MW-15	6/5/12		3782.43	61.43	--	--	3721	66.92
MW-15	9/10/12		3782.43	61.59	--	--	3720.84	67.3
MW-15	12/3/12		3782.43	62.71	--	--	3719.72	66.81
MW-15	3/5/13		3782.43	61.86	--	--	3720.57	66.72
MW-15	5/28/13		3782.43	62	--	--	3720.43	66.91
MW-15	8/28/13		3782.43	62.13	--	--	3720.3	66.88
MW-15	11/11/13		3782.43	62.26	--	--	3720.17	66.84
MW-15	2/25/14		3782.43	62.43	--	--	3720	66.88
MW-15	5/28/14		3782.43	62.57	--	--	3719.86	--
MW-15	9/2/14		3782.43	62.73	--	--	3719.7	--
MW-15	11/18/14		3782.43	62.92	--	--	3719.51	--
MW-15	3/3/15		3782.43	63	--	--	3719.43	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	6/1/15		3782.43	63.19	--	--	3719.24	--
MW-15	8/10/15		3782.43	63.3	--	--	3719.13	--
MW-15	11/30/15		3782.43	63.51	--	--	3718.92	--
MW-15	2/9/16		3782.43	63.62	--	--	3718.81	67.14
MW-15	5/23/16		3782.43	63.84	--	--	3718.59	--
MW-15	8/30/16		3782.43	64.04	--	--	3718.39	--
MW-15	8/31/16		3782.43	--	--	--	--	--
MW-15	10/31/16		3782.43	64.11	--	--	3718.32	67.14
MW-15	11/3/16		3782.43	--	--	--	--	--
MW-15	2/27/17		3782.43	64.3	--	--	3718.13	66.5
MW-15	3/1/17		3782.43	--	--	--	--	--
MW-15	5/30/17		3782.43	64.51	--	--	3717.92	67.02
MW-15	6/1/17		3782.43	--	--	--	--	--
MW-15	8/31/17		3782.34	64.66	--	--	3717.68	67
MW-15	11/28/17		3782.34	64.8	--	--	3717.54	67.05
MW-15	11/30/17		3782.34	--	--	--	--	--
MW-15	2/26/18		3782.34	64.93	--	--	3717.41	67.45
MW-15	3/2/18		3782.34	--	--	--	--	--
MW-15	5/29/18		3782.34	65.14	--	--	3717.2	67.4
MW-15	5/30/18		3782.34	--	--	--	--	--
MW-15	8/29/18		3782.34	65.22	--	--	3717.12	67.29
MW-15	11/26/18		3782.34	65.44	--	--	3716.9	--
MW-15	2/25/19		3782.34	65.6	--	--	3716.74	--
MW-15	2/27/19		3782.34	--	--	--	--	--
MW-15	5/20/19		3782.34	65.74	--	--	3716.6	--
MW-15	5/21/19		3782.34	--	--	--	--	--
MW-15	7/23/19		3782.34	66.86	--	--	3715.48	--
MW-15	7/26/19		3782.34	--	--	--	--	--
MW-15	10/22/19		3782.34	66.01	--	--	3716.33	--
MW-15	2/10/20		3782.34	66.29	--	--	3716.05	67.27
MW-15	4/27/20		3782.34	66.37	--	--	3715.97	--
MW-15	5/11/20		3782.34	66.41	--	--	3715.93	--
MW-15	6/18/20	Dry	3782.34	--	--	--	--	67.17
MW-15	7/27/20		3782.34	66.53	--	--	3715.81	--
MW-15	8/27/20		3782.34	66.6	--	--	3715.74	--
MW-15	9/15/20		3782.34	66.63	--	--	3715.71	--
MW-15	10/29/20		3782.34	66.75	--	--	3715.59	--
MW-15	12/11/20		3782.34	66.82	--	--	3715.52	--
MW-16	6/16/11		3780.24	58.1	--	--	3722.14	62
MW-16	9/7/11		3780.24	58.29	--	--	3721.95	62.13
MW-16	11/28/11		3780.24	58.4	--	--	3721.84	62.2
MW-16	3/5/12		3780.24	58.51	--	--	3721.73	62.31

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	6/5/12		3780.24	58.65	--	--	3721.59	62.18
MW-16	9/10/12		3780.24	58.81	--	--	3721.43	61.21
MW-16	12/3/12		3780.24	59	--	--	3721.24	62.15
MW-16	3/5/13		3780.24	59.1	--	--	3721.14	62.14
MW-16	5/28/13		3780.24	59.23	--	--	3721.01	62.2
MW-16	8/28/13		3780.24	59.35	--	--	3720.89	62.16
MW-16	11/11/13		3780.24	59.47	--	--	3720.77	--
MW-16	2/25/14		3780.24	59.67	--	--	3720.57	--
MW-16	5/28/14		3780.24	59.76	--	--	3720.48	--
MW-16	9/2/14		3780.24	59.97	--	--	3720.27	--
MW-16	11/18/14		3780.24	60.1	--	--	3720.14	--
MW-16	3/3/15		3780.24	60.25	--	--	3719.99	--
MW-16	6/1/15		3780.24	60.42	--	--	3719.82	--
MW-16	8/10/15		3780.24	60.53	--	--	3719.71	--
MW-16	11/30/15		3780.24	60.73	--	--	3719.51	--
MW-16	2/9/16		3780.24	60.89	--	--	3719.35	62.19
MW-16	5/23/16		3780.24	61.06	--	--	3719.18	62.19
MW-16	8/30/16		3780.24	61.29	--	--	3718.95	62.19
MW-16	8/31/16		3780.24	--	--	--	--	--
MW-16	10/31/16		3780.24	61.33	--	--	3718.91	62.19
MW-16	11/3/16		3780.24	--	--	--	--	--
MW-16	2/27/17		3780.24	61.43	--	--	3718.81	62.02
MW-16	3/1/17		3780.24	--	--	--	--	--
MW-16	5/30/17		3780.24	62.02	--	--	3718.22	62.02
MW-16	6/1/17		3780.24	--	--	--	--	--
MW-16	8/31/17	Dry	3780.16	--	--	--	--	62.02
MW-16	11/28/17	Dry	3780.16	--	--	--	--	62.05
MW-16	2/26/18	Dry	3780.16	--	--	--	--	62.24
MW-16	5/29/18	Dry	3780.16	--	--	--	--	62.25
MW-16	8/29/18	Dry	3780.16	--	--	--	--	62.24
MW-16	11/26/18	Dry	3780.16	--	--	--	--	62.18
MW-16	2/25/19		3780.16	62.08	--	--	3718.08	62.17
MW-16	5/20/19	Dry	3780.16	--	--	--	--	--
MW-16	7/23/19	Dry	3780.16	--	--	--	--	--
MW-16	10/22/19	Dry	3780.16	--	--	--	--	62.24
MW-16	2/19/20		--	--	--	--	--	--
MW-17	6/16/11	LNAPL	3784.47	63.11	61.1	2.01	3722.988	75.1
MW-17	8/1/11	LNAPL	3784.47	63.85	61.07	2.78	3722.872	--
MW-17	8/10/11	LNAPL	3784.47	62.85	61.3	1.55	3722.875	--
MW-17	8/17/11	LNAPL	3784.47	62.01	61.48	0.53	3722.889	--
MW-17	8/23/11		3784.47	62.85	--	--	3721.62	--
MW-17	9/7/11	LNAPL	3784.47	62.31	61.43	0.88	3722.873	65.43

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	9/21/11	LNAPL	3784.47	62.61	61.41	1.2	3722.832	--
MW-17	9/28/11	LNAPL	3784.47	67.76	61.42	6.34	3721.845	--
MW-17	10/5/11	LNAPL	3784.47	62.13	61.53	0.6	3722.826	--
MW-17	10/12/11	LNAPL	3784.47	62.18	61.58	0.6	3722.776	--
MW-17	10/19/11	LNAPL	3784.47	--	61.59	--	--	--
MW-17	10/26/11	LNAPL	3784.47	62.19	61.61	0.58	3722.75	--
MW-17	11/1/11	LNAPL	3784.47	62.28	61.59	0.69	3722.749	--
MW-17	11/9/11	LNAPL	3784.47	62.5	61.57	0.93	3722.723	--
MW-17	11/16/11	LNAPL	3784.47	62.15	61.67	0.48	3722.709	--
MW-17	11/22/11	LNAPL	3784.47	62.23	61.63	0.6	3722.726	--
MW-17	11/28/11	LNAPL	3784.47	62.31	61.64	0.67	3722.703	75.15
MW-17	1/4/12	LNAPL	3784.47	62.81	61.58	1.23	3722.656	--
MW-17	1/11/12	LNAPL	3784.47	62.31	61.68	0.63	3722.67	--
MW-17	1/16/12	LNAPL	3784.47	62.4	61.69	0.71	3722.645	--
MW-17	1/25/12	LNAPL	3784.47	62.5	61.7	0.8	3722.618	--
MW-17	2/1/12	LNAPL	3784.47	62.61	61.68	0.93	3722.613	--
MW-17	2/8/12	LNAPL	3784.47	62.31	61.73	0.58	3722.63	--
MW-17	2/15/12	LNAPL	3784.47	62.42	61.73	0.69	3722.609	--
MW-17	2/21/12	LNAPL	3784.47	62.51	61.7	0.81	3722.616	--
MW-17	3/5/12	LNAPL	3784.47	62.69	61.68	1.01	3722.598	75.15
MW-17	3/14/12	LNAPL	3784.47	62.79	61.71	1.08	3722.555	--
MW-17	3/20/12	LNAPL	3784.47	62.38	61.77	0.61	3722.584	--
MW-17	3/28/12	LNAPL	3784.47	62.5	61.8	0.7	3722.537	--
MW-17	4/4/12	LNAPL	3784.47	62.6	61.8	0.8	3722.518	--
MW-17	4/11/12	LNAPL	3784.47	62.68	61.75	0.93	3722.543	--
MW-17	4/18/12	LNAPL	3784.47	62.76	61.75	1.01	3722.528	--
MW-17	4/24/12	LNAPL	3784.47	62.91	61.75	1.16	3722.5	--
MW-17	5/1/12	LNAPL	3784.47	62.45	61.82	0.63	3722.53	--
MW-17	5/9/12	LNAPL	3784.47	62.33	61.89	0.44	3722.496	--
MW-17	5/17/12	LNAPL	3784.47	62.43	61.86	0.57	3722.502	--
MW-17	5/24/12	LNAPL	3784.47	62.54	61.85	0.69	3722.489	--
MW-17	6/5/12	LNAPL	3784.47	62.68	61.82	0.86	3722.487	--
MW-17	6/20/12	LNAPL	3784.47	62.9	61.81	1.09	3722.453	--
MW-17	6/27/12	LNAPL	3784.47	62.52	61.93	0.59	3722.428	--
MW-17	7/2/12	LNAPL	3784.47	62.58	61.91	0.67	3722.433	--
MW-17	7/18/12	LNAPL	3784.47	62.8	61.91	0.89	3722.391	--
MW-17	7/25/12	LNAPL	3784.47	62.84	61.86	0.98	3722.424	--
MW-17	8/8/12	LNAPL	3784.47	62.58	61.95	0.63	3722.4	--
MW-17	8/14/12	LNAPL	3784.47	62.58	61.95	0.63	3722.4	--
MW-17	8/15/12	LNAPL	3784.47	62.74	61.94	0.8	3722.378	--
MW-17	8/28/12	LNAPL	3784.47	62.46	62.03	0.43	3722.358	--
MW-17	9/10/12	LNAPL	3784.47	62.6	62	0.6	3722.356	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	10/3/12	LNAPL	3784.47	62.87	62.01	0.86	3722.297	--
MW-17	10/9/12	LNAPL	3784.47	62.95	62.05	0.9	3722.249	--
MW-17	10/15/12	LNAPL	3784.47	62.97	62.01	0.96	3722.278	--
MW-17	10/23/12	LNAPL	3784.47	63.01	62.01	1	3722.27	--
MW-17	10/30/12	LNAPL	3784.47	63.11	62.31	0.8	3722.008	74.5
MW-17	11/6/12	LNAPL	3784.47	63.19	62.03	1.16	3722.219	71.4
MW-17	12/3/12	LNAPL	3784.47	62.89	62.13	0.76	3722.196	--
MW-17	1/2/13	LNAPL	3784.47	63.19	62.2	0.99	3722.082	71.4
MW-17	1/15/13	LNAPL	3784.47	63.05	62.21	0.84	3722.1	71.4
MW-17	1/22/13	LNAPL	3784.47	62.86	62.21	0.65	3722.136	71.4
MW-17	2/28/13	LNAPL	3784.47	63	62.3	0.7	3722.037	--
MW-17	3/5/13	LNAPL	3784.47	63.07	62.3	0.77	3722.024	--
MW-17	3/19/13	LNAPL	3784.47	63.21	62.31	0.9	3721.989	--
MW-17	3/26/13	LNAPL	3784.47	63.22	62.27	0.95	3722.02	--
MW-17	5/28/13	LNAPL	3784.47	63.35	62.39	0.96	3721.898	--
MW-17	6/11/13	LNAPL	3784.47	63.44	62.34	1.1	3721.921	--
MW-17	6/18/13	LNAPL	3784.47	63.5	62.35	1.15	3721.902	--
MW-17	6/25/13	LNAPL	3784.47	63.6	62.38	1.22	3721.858	--
MW-17	7/2/13	LNAPL	3784.47	64.51	62.2	2.31	3721.831	--
MW-17	7/17/13	LNAPL	3784.47	64.61	62.19	2.42	3721.82	--
MW-17	7/24/13	LNAPL	3784.47	64.67	62.2	2.47	3721.801	--
MW-17	7/31/13	LNAPL	3784.47	63.46	62.57	0.89	3721.731	--
MW-17	8/13/13	LNAPL	3784.47	63.21	62.53	0.68	3721.811	--
MW-17	8/28/13	LNAPL	3784.47	63.4	62.54	0.86	3721.767	--
MW-17	9/11/13	LNAPL	3784.47	63.49	62.55	0.94	3721.741	--
MW-17	9/18/13	LNAPL	3784.47	63.47	62.54	0.93	3721.753	--
MW-17	9/24/13	LNAPL	3784.47	63.64	62.55	1.09	3721.713	--
MW-17	10/1/13	LNAPL	3784.47	63.63	62.53	1.1	3721.731	--
MW-17	10/8/13	LNAPL	3784.47	63.09	62.7	0.39	3721.696	--
MW-17	10/15/13	LNAPL	3784.47	63.14	62.68	0.46	3721.703	--
MW-17	10/29/13	LNAPL	3784.47	63.26	62.7	0.56	3721.664	--
MW-17	11/5/13	LNAPL	3784.47	63.03	62.81	0.22	3721.618	--
MW-17	11/11/13	LNAPL	3784.47	62.97	62.79	0.18	3721.646	--
MW-17	12/10/13	LNAPL	3784.47	63.27	62.81	0.46	3721.573	--
MW-17	12/17/13	LNAPL	3784.47	63.1	62.82	0.28	3721.597	--
MW-17	1/28/14	LNAPL	3784.47	63.38	62.86	0.52	3721.511	--
MW-17	2/18/14	LNAPL	3784.47	63.5	62.83	0.67	3721.513	--
MW-17	2/25/14	LNAPL	3784.47	63.43	62.95	0.48	3721.429	75.15
MW-17	3/19/14	LNAPL	3784.47	63.55	62.95	0.6	3721.406	--
MW-17	3/25/14	LNAPL	3784.47	63.47	63.13	0.34	3721.275	--
MW-17	4/23/14	LNAPL	3784.47	63.32	63.26	0.06	3721.198	--
MW-17	4/29/14	LNAPL	3784.47	63.16	63.14	0.02	3721.326	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	5/7/14	LNAPL	3784.47	63.16	63.14	0.02	3721.326	--
MW-17	5/14/14		3784.47	63.24	--	--	3721.23	--
MW-17	5/28/14	LNAPL	3784.47	63.17	63.16	0.01	3721.308	--
MW-17	6/3/14		3784.47	63.26	--	--	3721.21	--
MW-17	6/10/14		3784.47	63.23	--	--	3721.24	--
MW-17	6/17/14		3784.47	63.24	--	--	3721.23	--
MW-17	7/1/14	LNAPL	3784.47	63.26	63.23	0.03	3721.234	--
MW-17	7/9/14		3784.47	63.46	--	--	3721.01	--
MW-17	7/15/14		3784.47	63.38	--	--	3721.09	--
MW-17	7/25/14		3784.47	63.39	--	--	3721.08	--
MW-17	7/31/14		3784.47	63.41	--	--	3721.06	--
MW-17	8/5/14		3784.47	63.48	--	--	3720.99	--
MW-17	8/14/14		3784.47	63.34	--	--	3721.13	--
MW-17	8/20/14		3784.47	63.34	--	--	3721.13	--
MW-17	8/26/14		3784.47	63.38	--	--	3721.09	--
MW-17	9/2/14	LNAPL	3784.47	63.33	63.3	0.03	3721.164	--
MW-17	9/10/14	LNAPL	3784.47	63.38	63.31	0.07	3721.147	--
MW-17	9/17/14		3784.47	63.52	--	--	3720.95	--
MW-17	10/8/14		3784.47	63.52	--	--	3720.95	--
MW-17	11/5/14	LNAPL	3784.47	63.59	63.58	0.01	3720.888	--
MW-17	11/12/14		3784.47	63.62	--	--	3720.85	--
MW-17	11/18/14	LNAPL	3784.47	63.47	63.45	0.02	3721.016	--
MW-17	12/2/14	LNAPL	3784.47	63.56	63.47	0.09	3720.983	--
MW-17	3/3/15	LNAPL	3784.47	63.68	63.61	0.07	3720.847	--
MW-17	6/1/15	LNAPL	3784.47	63.81	63.73	0.08	3720.725	--
MW-17	8/10/15	LNAPL	3784.47	64.01	63.86	0.15	3720.582	--
MW-17	11/30/15	LNAPL	3784.47	64.34	64.04	0.3	3720.373	--
MW-17	2/9/16	LNAPL	3784.47	64.3	64.16	0.14	3720.283	--
MW-17	5/23/16	LNAPL	3784.47	64.51	64.37	0.14	3720.073	--
MW-17	5/27/16		3784.47	--	--	--	--	--
MW-17	5/31/16		3784.47	--	--	--	--	--
MW-17	6/28/16		3784.47	--	--	--	--	--
MW-17	7/5/16		3784.47	--	--	--	--	--
MW-17	7/12/16		3784.47	--	--	--	--	--
MW-17	8/3/16		3784.47	--	--	--	--	--
MW-17	8/16/16		3784.47	--	--	--	--	--
MW-17	8/30/16	LNAPL	3784.47	64.7	64.54	0.16	3719.9	--
MW-17	9/7/16		3784.47	--	--	--	--	--
MW-17	9/20/16		3784.47	--	--	--	--	--
MW-17	10/4/16		3784.47	--	--	--	--	--
MW-17	10/11/16		3784.47	--	--	--	--	--
MW-17	10/31/16	LNAPL	3784.47	64.85	64.65	0.2	3719.782	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	11/9/16		3784.47	--	--	--	--	--
MW-17	11/22/16		3784.47	--	--	--	--	--
MW-17	11/29/16		3784.47	--	--	--	--	--
MW-17	12/17/16		3784.47	--	--	--	--	--
MW-17	1/4/17		3784.47	--	--	--	--	--
MW-17	1/10/17		3784.47	--	--	--	--	--
MW-17	1/17/17		3784.47	--	--	--	--	--
MW-17	1/24/17		3784.47	--	--	--	--	--
MW-17	2/8/17		3784.47	--	--	--	--	--
MW-17	2/27/17	LNAPL	3784.47	64.93	64.89	0.04	3719.573	--
MW-17	4/3/17		3784.47	--	--	--	--	--
MW-17	5/10/17		3784.47	--	--	--	--	--
MW-17	5/30/17		3784.47	65.06	--	--	3719.41	75.11
MW-17	6/1/17		3784.47	--	--	--	--	--
MW-17	6/30/17		3784.4	--	--	--	--	--
MW-17	7/5/17		3784.4	--	--	--	--	--
MW-17	7/14/17		3784.4	--	--	--	--	--
MW-17	7/26/17		3784.4	--	--	--	--	--
MW-17	8/31/17		3784.4	65.23	--	--	3719.17	75.03
MW-17	9/5/17		3784.4	--	--	--	--	--
MW-17	10/18/17		3784.4	--	--	--	--	--
MW-17	11/28/17	LNAPL	3784.4	65.37	65.36	0.01	3719.038	75.01
MW-17	11/30/17		3784.4	--	--	--	--	--
MW-17	12/12/17		3784.4	--	--	--	--	--
MW-17	2/15/18		3784.4	--	--	--	--	--
MW-17	2/26/18		3784.4	65.55	--	--	3718.85	75.22
MW-17	3/2/18		3784.4	--	--	--	--	--
MW-17	5/29/18		3784.4	65.68	--	--	3718.72	75.22
MW-17	5/30/18		3784.4	--	--	--	--	--
MW-17	8/29/18	LNAPL	3784.4	65.86	65.84	0.02	3718.556	75.22
MW-17	11/26/18		3784.4	66.05	--	--	3718.35	--
MW-17	2/25/19		3784.4	66.22	--	--	3718.18	--
MW-17	2/27/19		3784.4	--	--	--	--	--
MW-17	5/20/19		3784.4	66.36	--	--	3718.04	--
MW-17	5/21/19		3784.4	--	--	--	--	--
MW-17	6/11/19		3784.4	--	--	--	--	--
MW-17	7/23/19		3784.4	66.48	--	--	3717.92	--
MW-17	7/26/19		3784.4	--	--	--	--	--
MW-17	8/21/19		3784.4	--	--	--	--	--
MW-17	9/3/19		3784.4	--	--	--	--	--
MW-17	9/11/19		3784.4	--	--	--	--	--
MW-17	10/22/19		3784.4	66.68	--	--	3717.72	--

Table 1b

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Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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	2/10/20		3784.4	66.88	--	--	3717.52	75.03
MW-17	3/18/20		3784.4	--	--	--	--	--
MW-17	4/27/20		3784.4	67.01	--	--	3717.39	--
MW-17	5/11/20		3784.4	67.02	--	--	3717.38	--
MW-17	6/18/20		3784.4	66.87	--	--	3717.53	--
MW-17	7/27/20		3784.4	66.94	--	--	3717.46	--
MW-17	8/27/20		3784.4	67.01	--	--	3717.39	--
MW-17	9/15/20		3784.4	67.26	--	--	3717.14	--
MW-17	10/29/20		3784.4	67.38	--	--	3717.02	--
MW-17	12/11/20		3784.4	67.45	--	--	3716.95	--
MW-18	4/15/20		3786.46	--	--	--	--	--
MW-18	4/16/20		3786.46	68.78	--	--	3717.68	88
MW-18	4/27/20		3786.46	68.82	--	--	3717.64	--
MW-18	5/11/20		3786.46	68.87	--	--	3717.59	--
MW-18	6/18/20		3786.46	68.91	--	--	3717.55	--
MW-18	7/27/20		3786.46	68.99	--	--	3717.47	--
MW-18	8/27/20		3786.46	69.06	--	--	3717.4	--
MW-18	9/15/20		3786.46	69.1	--	--	3717.36	--
MW-18	10/29/20		3786.46	69.21	--	--	3717.25	--
MW-18	12/11/20		3786.46	69.28	--	--	3717.18	--
MW-19	3/10/20		3783.49	--	--	--	--	--
MW-19	3/23/20		3783.49	66.45	--	--	3717.04	85.76
MW-19	4/27/20		3783.49	66.51	--	--	3716.98	--
MW-19	5/11/20		3783.49	66.55	--	--	3716.94	--
MW-19	6/18/20		3783.49	66.61	--	--	3716.88	--
MW-19	7/27/20		3783.49	66.66	--	--	3716.83	--
MW-19	8/27/20		3783.49	66.73	--	--	3716.76	--
MW-19	9/15/20		3783.49	66.76	--	--	3716.73	--
MW-19	10/29/20		3783.49	66.89	--	--	3716.6	--
MW-19	12/11/20		3783.49	66.96	--	--	3716.53	--
MW-20	3/3/20		3781.34	--	--	--	--	--
MW-20	3/23/20		3781.34	64.75	--	--	3716.59	88.13
MW-20	4/27/20		3781.34	64.81	--	--	3716.53	--
MW-20	5/11/20		3781.34	64.83	--	--	3716.51	--
MW-20	6/18/20		3781.34	64.91	--	--	3716.43	--
MW-20	7/27/20		3781.34	64.96	--	--	3716.38	--
MW-20	8/27/20		3781.34	65.03	--	--	3716.31	--
MW-20	9/15/20		3781.34	65.04	--	--	3716.3	--
MW-20	10/29/20		3781.34	65.18	--	--	3716.16	--
MW-20	12/11/20		3781.34	65.27	--	--	3716.07	--
WW-1	6/16/11	LNAPL	3784.65	61.93	61.75	0.18	3722.866	--
WW-1	8/1/11	LNAPL	3784.65	62.02	61.9	0.12	3722.727	--

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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
WW-1	8/10/11	LNAPL	3784.65	62.16	61.82	0.34	3722.765	--
WW-1	8/17/11	LNAPL	3784.65	62.15	61.85	0.3	3722.743	--
WW-1	8/23/11	LNAPL	3784.65	62.11	62	0.11	3722.629	--
WW-1	9/7/11	LNAPL	3784.65	62.05	61.98	0.07	3722.657	--
WW-1	9/21/11	LNAPL	3784.65	62.01	61.93	0.08	3722.705	--
WW-1	9/28/11		3784.65	61.97	--	--	3722.68	--
WW-1	10/5/11		3784.65	61.97	--	--	3722.68	--
WW-1	10/12/11		3784.65	62.02	--	--	3722.63	--
WW-1	10/19/11		3784.65	62.01	--	--	3722.64	--
WW-1	10/26/11		3784.65	62	--	--	3722.65	--
WW-1	11/1/11		3784.65	62.02	--	--	3722.63	--
WW-1	11/9/11		3784.65	62.1	--	--	3722.55	--
WW-1	11/16/11		3784.65	62.13	--	--	3722.52	--
WW-1	11/28/11	LNAPL	3784.65	62.11	62.1	0.01	3722.548	--
WW-1	1/4/12	LNAPL	3784.65	62.25	62.05	0.2	3722.562	--
WW-1	1/11/12	LNAPL	3784.65	62.35	62.1	0.25	3722.502	--
WW-1	1/16/12	LNAPL	3784.65	62.24	62.1	0.14	3722.523	--
WW-1	1/25/12	LNAPL	3784.65	62.45	62.12	0.33	3722.467	--
WW-1	2/1/12	LNAPL	3784.65	62.35	62.1	0.25	3722.502	--
WW-1	2/8/12	LNAPL	3784.65	62.38	62.2	0.18	3722.416	--
WW-1	2/15/12	LNAPL	3784.65	62.45	62.15	0.3	3722.443	--
WW-1	2/21/12	LNAPL	3784.65	62.32	62.18	0.14	3722.443	--
WW-1	3/5/12	LNAPL	3784.65	62.4	62.18	0.22	3722.428	--
WW-1	3/14/12		3784.65	--	--	--	--	62.22
WW-1	3/20/12	LNAPL	3784.65	62.26	62.2	0.06	3722.439	--
WW-1	3/28/12	LNAPL	3784.65	62.31	62.22	0.09	3722.413	--
WW-1	4/4/12	LNAPL	3784.65	62.4	62.23	0.17	3722.388	--
WW-1	4/11/12	LNAPL	3784.65	62.36	62.25	0.11	3722.379	--
WW-1	4/18/12		3784.65	62.26	--	--	3722.39	--
WW-1	4/24/12		3784.65	--	--	--	--	--
WW-1	5/1/12		3784.65	--	--	--	--	65.85
WW-1	5/9/12		3784.65	--	--	--	--	--
WW-1	5/17/12	LNAPL	3784.65	62.47	62.29	0.18	3722.326	--
WW-1	5/24/12		3784.65	62.27	--	--	3722.38	--
WW-1	6/5/12	Dry	3784.65	--	--	--	--	--
WW-1	6/20/12	Dry	3784.65	--	--	--	--	62.31
WW-1	6/27/12	Dry	3784.65	--	--	--	--	--
WW-1	9/10/12	Dry	3784.65	--	--	--	--	--
WW-1	10/15/12	Dry	3784.65	--	--	--	--	--
WW-1	12/3/12	Dry	3784.65	--	--	--	--	--
WW-1	1/2/13	Dry	3784.65	--	--	--	--	62.64
WW-1	3/5/13	Dry	3784.65	--	--	--	--	62.73

Table 1b

Summary of Groundwater Gauging and Elevation Data (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS 2003-00338
Lea County, New Mexico
NMOCD Incident No: nAPP2108927757

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
WW-1	5/28/13	Dry	3784.65	--	--	--	--	62.75
WW-1	7/2/13	Dry	3784.65	--	--	--	--	--
WW-1	7/17/13	Dry	3784.65	--	--	--	--	--
WW-1	8/28/13	Dry	3784.65	--	--	--	--	62.87
WW-1	11/11/13	Dry	3784.65	--	--	--	--	62.98
WW-1	2/25/14	Dry	3784.65	--	--	--	--	63.28
WW-1	5/28/14	Dry	3784.65	--	--	--	--	--
WW-1	9/2/14	Dry	3784.65	--	--	--	--	--
WW-1	9/16/14		--	--	--	--	--	--

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)

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-1R	2/9/21			**0.0363**	<0.000412	**0.000284 J**	**0.00152**
MW-1R	5/13/21			**0.0319**	<0.000412	**0.000419 J**	**0.00273**
MW-1R	8/12/21			**0.0167**	<0.000412	**0.00025 J**	**0.00248**
MW-1R	11/8/21			**0.00695**	<0.000412	<0.00016	<0.00051
MW-1R	2/8/22	DUP		**0.0028**	<0.000412	**0.000358 J**	**0.00479**
MW-1R	2/8/22			**0.00635**	<0.000412	**0.000264 J**	**0.00405**
MW-1R	5/3/22			**0.00302**	<0.000412	**0.000498 J**	**0.00351**
MW-1R	8/23/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-1R	11/11/22			**0.00116**	**0.0132**	<0.00016	**0.00991**
MW-1R	2/8/23			**0.00374**	<0.000412	**0.00205**	**0.00238**
MW-1R	5/2/23			**0.00109**	<0.001	<0.0005	<0.0015
MW-1R	8/7/23			**0.00168**	<0.001	<0.0005	**0.0028**
MW-1R	11/6/23			**0.00132**	<0.001	<0.0005	<0.0015
MW-1R	2/14/24			**0.000973**	<0.001	<0.0005	<0.0015
MW-1R	5/10/24			<0.001	<0.001	<0.001	<0.003
MW-1R	8/14/24			<0.001	<0.001	<0.001	<0.003
MW-2R	2/9/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-2R	5/13/21			**0.000191 J**	<0.000412	<0.00016	<0.00051
MW-2R	8/12/21	DUP		**0.00594**	<0.000412	<0.00016	**0.00322**
MW-2R	8/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-2R	11/8/21			**0.00036 J**	<0.000412	<0.00016	<0.00051
MW-2R	2/8/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-2R	5/3/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-2R	8/23/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-2R	11/11/22			<0.00019	**0.000567 J**	**0.000468 J**	<0.00051
MW-2R	2/8/23			**0.00106**	<0.000412	<0.00016	<0.00051
MW-2R	5/2/23			<0.0005	<0.001	<0.0005	<0.0015
MW-2R	8/7/23			<0.0005	<0.001	<0.0005	<0.0015
MW-2R	11/6/23			<0.0005	<0.001	<0.0005	<0.0015
MW-2R	2/14/24			<0.0005	<0.001	<0.0005	<0.0015
MW-2R	5/10/24			<0.001	<0.001	<0.001	<0.003
MW-2R	8/12/24			<0.001	<0.001	<0.001	<0.003
MW-2R	11/7/24			<0.001	<0.001	<0.001	<0.003
MW-3R	2/8/21		LNAPL	-	-	-	-
MW-3R	5/10/21		LNAPL	-	-	-	-
MW-3R	5/14/21		LNAPL	-	-	-	-
MW-3R	8/11/21		LNAPL	-	-	-	-
MW-3R	8/23/22			**2.71**	**0.0816**	**0.251**	**0.369**
MW-3R	11/11/22	DUP		**2.93**	**0.264**	**0.436**	**0.869**
MW-3R	11/11/22			**2.69**	**0.281**	**0.363**	**0.77**
MW-3R	2/8/23	DUP		**3.05**	**0.0278**	**0.353**	**0.516**
MW-3R	2/8/23			**3.06**	**0.0287**	**0.383**	**0.555**
MW-3R	5/2/23	DUP		**3.7**	<0.2	**0.482**	**0.785**
MW-3R	5/2/23			**3.43**	<0.05	**0.5**	**0.738**
MW-3R	8/7/23	DUP		**4.17**	<0.1	**0.822**	**2.25**
MW-3R	8/7/23			**2.95**	<0.1	**0.558**	**0.895**
MW-3R	11/6/23	DUP		**4.09**	<0.1	**0.455**	**0.524**
MW-3R	11/6/23			**4.12**	<0.1	**0.463**	**0.541**
MW-3R	2/14/24	DUP		**0.213**	<0.005	**0.00443**	<0.0075
MW-3R	2/14/24			**4.92**	**0.192 B**	**0.62**	**0.987**
MW-3R	5/10/24			**2.6**	**0.15**	**0.29**	**0.45**
MW-3R	8/14/24	DUP		**3.2**	<0.025	**0.19**	**0.099**
MW-3R	8/14/24			**4**	<0.001	**0.19**	**0.11**
MW-3R	11/7/24	DUP		**4.5**	**0.36**	**0.51**	**0.93**
MW-3R	11/7/24			**4.2**	**0.37**	**0.48**	**0.87**
MW-4	2/9/21			<0.00019	<0.000412	<0.00016	<0.00051

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-4	5/13/21			**0.000411 J**	<0.000412	**0.000239 J**	<0.00051
MW-4	8/12/21			**0.000392 J**	<0.000412	<0.00016	<0.00051
MW-4	11/8/21			**0.000436 J**	<0.000412	**0.000215 J**	<0.00051
MW-4	2/8/22			**0.000325 J**	<0.000412	<0.00016	<0.00051
MW-4	5/3/22			**0.000211 J**	<0.000412	<0.00016	<0.00051
MW-4	8/23/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	11/11/22			<0.00019	**0.000479 J**	**0.000222 J**	<0.00051
MW-4	2/8/23			**0.00591**	<0.000412	**0.00183**	**0.00254**
MW-4	5/1/23			<0.0005	<0.001	**0.000161 J**	<0.0015
MW-4	8/7/23			<0.0005	<0.001	<0.0005	<0.0015
MW-4	11/6/23			<0.0005	<0.001	<0.0005	<0.0015
MW-4	2/14/24			<0.0005	<0.001	<0.0005	<0.0015
MW-4	5/10/24			<0.001	<0.001	<0.001	<0.003
MW-4	8/14/24			<0.001	<0.001	<0.001	<0.003
MW-4	11/7/24			<0.001	<0.001	<0.001	<0.003
MW-5	2/9/21	DUP		<0.00019	<0.000412	<0.00016	**0.00161**
MW-5	2/9/21			<0.00019	<0.000412	<0.00016	**0.00159**
MW-5	5/13/21			**0.0219**	**0.00205**	**0.000301 J**	**0.00284**
MW-5	8/12/21			<0.00019	<0.000412	<0.00016	**0.000674 J**
MW-5	11/8/21			**0.00119**	<0.000412	<0.00016	**0.0017**
MW-5	2/8/22			<0.00019	<0.000412	<0.00016	**0.000732 J**
MW-5	5/3/22			**0.00102**	<0.000412	<0.00016	**0.00101 J**
MW-5	8/23/22			<0.00019	<0.000412	<0.00016	**0.00305**
MW-5	11/11/22			**0.00181**	**0.00322**	**0.0187**	**0.00658**
MW-5	2/8/23			**0.0137**	<0.000824	<0.00032	**0.00177 J**
MW-5	5/2/23			<0.0005	<0.001	<0.0005	<0.0015
MW-5	8/7/23			**0.00799**	<0.001	<0.0005	**0.0015**
MW-5	11/6/23			**0.0215**	<0.001	<0.0005	**0.00271**
MW-5	2/14/24			<0.0005	<0.001	<0.0005	<0.0015
MW-5	5/10/24			<0.001	<0.001	<0.001	<0.003
MW-5	8/12/24			<0.001	<0.001	<0.001	<0.003
MW-5	11/7/24			<0.001	<0.001	<0.001	<0.003
MW-6	2/9/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	5/13/21			**0.000255 J**	<0.000412	<0.00016	<0.00051
MW-6	8/12/21			**0.000326 J**	<0.000412	**0.000181 J**	<0.00051
MW-6	11/8/21			**0.000393 BJ**	<0.000412	**0.00111**	<0.00051
MW-6	2/7/22			<0.00019	**0.000435 J**	<0.00016	**0.000544 J**
MW-6	5/3/22			**0.000287 J**	<0.000412	<0.00016	<0.00015
MW-6	8/23/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	11/11/22			<0.00019	**0.000504 J**	**0.000212 J**	<0.00051
MW-6	2/8/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	5/1/23			<0.0005	**0.000423 J**	**0.00026 J**	<0.0015
MW-6	8/7/23			<0.0005	<0.001	<0.0005	<0.0015
MW-6	11/6/23			<0.0005	<0.001	<0.0005	<0.0015
MW-6	2/14/24			<0.0005	<0.001	<0.0005	<0.0015
MW-6	5/10/24			<0.001	<0.001	<0.001	<0.003
MW-6	8/14/24			<0.001	<0.001	<0.001	<0.003
MW-6	11/7/24			<0.001	<0.001	<0.001	<0.003
MW-7	2/8/21		LNAPL	-	-	-	-
MW-7	5/10/21		LNAPL	-	-	-	-
MW-7	5/14/21		LNAPL	-	-	-	-
MW-7	8/11/21		LNAPL	-	-	-	-
MW-7	5/12/22			**4.04**	**0.188**	**0.255**	**0.678**
MW-7	8/23/22			**2.44**	**0.000619 J**	**0.12**	**0.16**
MW-7	11/11/22			**4.58**	**0.338**	**0.427**	**0.826**
MW-7	5/2/23			**3.62**	**0.0706**	**0.423**	**0.721**

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-7	8/7/23			**4.05**	<0.1	**0.43**	**0.514**
MW-7	11/6/23			**3.87**	<0.1	**0.375**	**0.572**
MW-7	2/14/24			**4.28**	<0.1	**0.331**	**0.341**
MW-7	5/10/24			**2.5**	**0.071**	**0.27**	**0.59**
MW-7	8/13/24			**3.2**	**0.041**	**0.3**	**0.59**
MW-7	11/7/24			**3.8**	**0.35**	**0.58**	**1.2**
MW-8	2/9/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-8	2/7/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-8	11/11/22			<0.00019	**0.000471 J**	**0.000289 J**	<0.00051
MW-8	5/10/24			<0.001	<0.001	<0.001	<0.003
MW-8	8/13/24			<0.001	<0.001	<0.001	<0.003
MW-8	11/7/24			<0.001	<0.001	<0.001	<0.003
MW-9	2/9/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	8/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	2/7/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	8/23/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	11/11/22			<0.00019	**0.000412 J**	**0.000286 J**	<0.00051
MW-9	2/8/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	8/7/23			<0.0005	<0.001	<0.0005	<0.0015
MW-9	11/6/23			<0.0005	<0.001	<0.0005	<0.0015
MW-9	2/14/24			<0.0005	<0.001	<0.0005	<0.0015
MW-9	5/10/24			<0.001	<0.001	<0.001	<0.003
MW-9	8/13/24			<0.001	<0.001	<0.001	<0.003
MW-9	11/7/24			<0.001	<0.001	<0.001	<0.003
MW-10	2/9/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	5/13/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	8/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	11/8/21			**0.000265 J**	<0.000412	<0.00016	<0.00051
MW-12	2/9/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	5/13/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	8/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	11/8/21			**0.000205 J**	<0.000412	<0.00016	<0.00051
MW-12	2/8/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	5/3/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	8/23/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	11/11/22			<0.00019	**0.000441 J**	**0.000297 J**	<0.00051
MW-12	2/8/23			**0.000209 J**	<0.000412	<0.00016	<0.00051
MW-12	5/5/23			<0.0005	<0.001	<0.0005	<0.0015
MW-12	8/7/23			<0.0005	<0.001	<0.0005	<0.0015
MW-12	11/6/23			<0.0005	<0.001	<0.0005	<0.0015
MW-12	2/13/24			<0.0005	<0.001	<0.0005	<0.0015
MW-12	5/10/24			<0.001	<0.001	<0.001	<0.003
MW-12	8/13/24		Dry	-	-	-	-
MW-17	2/9/21			**1.68**	<0.0103	**0.0718**	**0.0783**
MW-17	5/13/21	DUP		**0.903**	**0.00166**	**0.0503**	**0.0511**
MW-17	5/13/21			**0.919**	<0.0103	**0.0513**	**0.0535**
MW-17	8/12/21			**0.808**	<0.0103	**0.0225 B**	**0.0171 J**
MW-17	11/8/21	DUP		**0.839**	**0.000911 J**	**0.0449**	**0.0417**
MW-17	11/8/21			**0.914**	<0.0103	**0.0159**	**0.0223 J**
MW-17	2/8/22	DUP		**0.533**	<0.000412	**0.00983**	**0.0201**
MW-17	2/8/22			**0.547**	<0.000412	**0.008**	**0.0132**
MW-17	5/3/22			**0.84**	<0.00412	**0.00569**	**0.00589 J**
MW-17	8/23/22			**0.26**	<0.00412	<0.0016	<0.0015
MW-17	11/11/22	DUP		**0.271**	<0.000412	**0.0255**	**0.0268**
MW-17	11/11/22			**0.261**	<0.00412	**0.0254**	**0.0269**
MW-17	2/8/23	DUP		**0.194**	<0.000412	**0.0183**	**0.0241**

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-17	2/8/23			**0.196**	<0.000412	**0.0208**	**0.0222**
MW-17	5/2/23	DUP		**0.27**	<0.005	**0.00644**	**0.0251**
MW-17	5/2/23			**0.241**	**0.0204**	**0.00634**	**0.0312**
MW-17	8/7/23	DUP		**0.339**	**0.00132**	**0.00519**	**0.0219**
MW-17	8/7/23			**0.334**	**0.0335**	**0.00527**	**0.0164**
MW-17	11/6/23	DUP		**0.178**	<0.01	<0.005	**0.0225**
MW-17	11/6/23			**0.195**	**0.0443**	**0.00834**	**0.0653**
MW-17	2/14/24	DUP		**3.64**	<0.01	**0.578**	**0.413**
MW-17	2/14/24			**0.228**	<0.01	**0.00606**	<0.015
MW-17	5/10/24	DUP		**3**	**0.17**	**0.33**	**0.49**
MW-17	5/10/24			<0.025	<0.025	<0.025	<0.075
MW-17	8/14/24	DUP		**0.11**	<0.025	<0.025	<0.075
MW-17	8/14/24			<0.001	<0.001	<0.001	<0.003
MW-17	11/7/24	DUP		**0.017**	<0.001	**0.048**	<0.003
MW-17	11/7/24			**0.016**	<0.001	**0.044**	<0.003
MW-18	2/9/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-18	5/13/21			<0.00019	<0.000412	**0.000381 J**	**0.00128 J**
MW-18	8/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-18	11/8/21			<0.00019	**0.000462 J**	<0.00016	<0.00051
MW-18	2/7/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-18	5/3/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-18	8/23/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-18	11/11/22			<0.00019	<0.000412	**0.000337 J**	<0.00051
MW-18	2/8/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-18	5/1/23			<0.0005	<0.001	<0.0005	<0.0015
MW-18	8/7/23			<0.0005	<0.001	<0.0005	<0.0015
MW-18	11/6/23			<0.0005	<0.001	<0.0005	<0.0015
MW-18	2/13/24			<0.0005	<0.001	<0.0005	<0.0015
MW-18	5/10/24			<0.001	<0.001	<0.001	<0.003
MW-18	8/14/24			<0.001	<0.001	<0.001	<0.003
MW-18	11/7/24			<0.001	<0.001	<0.001	<0.003
MW-19	2/9/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	5/13/21	DUP		<0.00019	<0.000412	<0.00016	<0.00051
MW-19	5/13/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	8/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	11/8/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	2/7/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	5/3/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	8/23/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	11/11/22			<0.00019	**0.000463 J**	**0.000366 J**	<0.00051
MW-19	2/8/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	5/1/23			<0.0005	<0.001	<0.0005	<0.0015
MW-19	8/7/23			<0.0005	<0.001	<0.0005	<0.0015
MW-19	11/6/23			<0.0005	<0.001	<0.0005	<0.0015
MW-19	2/13/24			<0.0005	<0.001	<0.0005	<0.0015
MW-19	5/10/24			<0.001	<0.001	<0.001	<0.003
MW-19	8/13/24			<0.001	<0.001	<0.001	<0.003
MW-19	11/7/24			<0.001	<0.001	<0.001	<0.003
MW-20	2/9/21	DUP		<0.00019	<0.000412	<0.00016	<0.00051
MW-20	2/9/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-20	5/13/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-20	8/12/21	DUP		<0.00019	<0.000412	<0.00016	<0.00051
MW-20	8/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-20	11/8/21			**0.000311 J**	**0.00053 J**	<0.00016	<0.00051
MW-20	2/8/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-20	5/3/22			<0.00019	<0.000412	<0.00016	<0.00051

Table 2a

Summary of Groundwater Analytical Results (2021-2024)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-20	8/23/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-20	11/11/22			<0.00019	<0.000412	**0.000337 J**	<0.00051
MW-20	2/8/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-20	5/1/23			<0.0005	<0.001	<0.0005	<0.0015
MW-20	8/7/23			<0.0005	<0.001	<0.0005	<0.0015
MW-20	11/6/23			<0.0005	<0.001	<0.0005	<0.0015
MW-20	2/13/24			<0.0005	<0.001	<0.0005	<0.0015
MW-20	5/10/24			<0.001	<0.001	<0.001	<0.003
MW-20	8/13/24			<0.001	<0.001	<0.001	<0.003
MW-20	11/7/24			<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/YY
3. Shaded results indicates results exceeding their respective New Mexico Water Quality Control Commission (NMWCC) Human Health Standards limits
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 blank.
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.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-1R	11/19/14			**0.297**	<0.05	<0.05	**0.132**
MW-1R	3/5/15			**0.413**	<0.05	**0.0938**	<0.05
MW-1R	6/4/15	DUP		**0.872**	**0.0113**	**0.0889**	**0.206**
MW-1R	6/4/15			**0.865**	**0.0121**	**0.0926**	**0.216**
MW-1R	12/4/15			**0.768**	<0.05	<0.05	<0.05
MW-1R	2/12/16			**0.381**	<0.001	**0.0083**	**0.0368**
MW-1R	5/26/16			**0.716**	<0.1	<0.1	<0.1
MW-1R	9/2/16			**0.416**	<0.053	<0.053	**0.0831**
MW-1R	11/3/16			**0.679**	<0.053	<0.053	**0.0783**
MW-1R	3/1/17			**0.29**	<0.1	<0.1	<0.1
MW-1R	6/1/17			**0.1716**	**0.00443**	**0.0105**	**0.036**
MW-1R	9/1/17			**1.15**	**0.00521**	**0.0207**	**0.0909**
MW-1R	11/30/17			**0.072**	<0.002	<0.002	**0.00315**
MW-1R	3/2/18			**0.388**	**0.00286**	**0.00969**	**0.0333**
MW-1R	5/30/18			**0.074**	**0.00281**	**0.0377**	**0.118**
MW-1R	8/31/18			**0.452**	<0.000412	**0.0121**	**0.0416**
MW-1R	11/30/18			**0.645**	<0.000412	**0.0146**	**0.0581**
MW-1R	2/26/19			**0.208**	**0.003**	**0.00664**	**0.0249**
MW-1R	5/21/19			**0.297**	<0.00206	**0.00248 J**	**0.00851**
MW-1R	7/26/19			**0.153**	<0.00206	**0.00244 J**	**0.0124**
MW-1R	10/23/19			**0.167**	<0.00206	**0.00269**	**0.0124**
MW-1R	2/17/20	DUP		**0.0951**	<0.000412	**0.0021**	**0.00697**
MW-1R	2/17/20			**0.0975**	<0.000412	**0.00152**	**0.00655**
MW-1R	5/22/20			**0.0459**	<0.000412	**0.000352**	**0.0021**
MW-1R	9/16/20			**0.0627**	<0.000412	**0.000539**	**0.00383**
MW-1R	10/30/20	DUP		**0.115**	<0.000412	**0.00088**	**0.00718**
MW-1R	10/30/20			**0.131**	<0.000412	**0.0011**	**0.00897**
MW-2	3/7/11			<0.001	<0.001	<0.001	<0.001
MW-2	6/16/11			<0.001	<0.001	<0.001	<0.001
MW-2	9/9/11			<0.001	<0.001	<0.001	<0.001
MW-2	12/1/11			<0.001	<0.001	<0.001	<0.001
MW-2	3/9/12			<0.001	<0.001	<0.001	<0.001
MW-2R	11/19/14			<0.005	<0.005	<0.005	<0.005
MW-2R	3/5/15			<0.005	<0.005	<0.005	<0.005
MW-2R	6/4/15			<0.001	<0.001	<0.001	<0.001
MW-2R	8/13/15			<0.001	<0.001	<0.001	<0.001
MW-2R	12/4/15			<0.001	<0.001	<0.001	<0.001
MW-2R	2/12/16			<0.001	<0.001	<0.001	<0.001
MW-2R	5/26/16			<0.001	<0.001	<0.001	<0.001
MW-2R	9/2/16			<0.001	<0.001	<0.001	<0.001
MW-2R	11/3/16			<0.001	<0.001	<0.001	<0.001
MW-2R	3/1/17			<0.002	<0.002	<0.002	<0.002
MW-2R	6/1/17			<0.002	<0.002	<0.002	<0.002
MW-2R	9/1/17			<0.002	<0.002	<0.002	<0.002
MW-2R	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-2R	3/2/18			<0.002	<0.002	<0.002	<0.002
MW-2R	5/30/18			<0.002	<0.002	<0.002	<0.002
MW-2R	8/31/18			**0.00255**	<0.000412	<0.00016	<0.00051
MW-2R	11/30/18	DUP		**0.000679**	<0.000412	<0.00016	<0.00051
MW-2R	11/30/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-2R	2/26/19			**0.000844**	<0.000412	**0.000218**	<0.00051
MW-2R	5/21/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-2R	7/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-2R	10/23/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-2R	2/17/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-2R	5/22/20			<0.00019	<0.000412	<0.00016	<0.00051

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-2R	9/16/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-2R	10/30/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-3R	5/22/20		LNAPL	-	-	-	-
MW-3R	9/15/20		LNAPL	-	-	-	-
MW-3R	10/29/20		LNAPL	-	-	-	-
MW-4	3/7/11			**0.28**	<0.005	**0.0391**	**0.107**
MW-4	6/16/11			**0.197**	<0.005	<0.005	<0.005
MW-4	9/9/11			**0.244**	<0.005	<0.005	<0.005
MW-4	12/1/11			**0.2**	<0.001	**0.0104**	**0.0221**
MW-4	3/9/12			**0.251**	<0.001	**0.0154**	**0.0321**
MW-4	6/7/12			**0.202**	<0.001	**0.0099**	**0.0177**
MW-4	9/12/12			**0.317**	<0.05	<0.05	<0.05
MW-4	12/5/12			**0.191**	<0.001	**0.0073**	**0.0104**
MW-4	3/7/13			**0.126**	<0.001	<0.001	<0.001
MW-4	5/30/13	DUP		**0.119**	<0.001	**0.0401**	**0.0158**
MW-4	5/30/13			**0.0542**	<0.001	<0.001	<0.001
MW-4	8/29/13	DUP		**0.083**	<0.001	**0.0027**	**0.0018**
MW-4	8/29/13			**0.0778**	<0.001	**0.003**	**0.004**
MW-4	11/14/13			**0.0311**	<0.001	<0.001	<0.001
MW-4	2/27/14	DUP		**0.17**	<0.001	**0.0096**	**0.0086**
MW-4	2/27/14			**0.173**	<0.001	**0.0098**	**0.0114**
MW-4	5/29/14			**0.0702**	<0.001	**0.0071**	**0.00039**
MW-4	9/4/14			**0.0155**	<0.001	**0.0025**	<0.001
MW-4	11/19/14			**0.0185**	<0.001	**0.002**	<0.001
MW-4	3/5/15	DUP		**0.0204**	<0.001	**0.0047**	<0.001
MW-4	3/5/15			**0.016**	<0.001	**0.004**	<0.001
MW-4	6/4/15			**0.0291**	<0.001	**0.0025**	**0.0018**
MW-4	8/13/15	DUP		**0.0209**	<0.001	<0.001	<0.001
MW-4	8/13/15			**0.0209**	<0.001	<0.001	<0.001
MW-4	12/4/15			**0.0223**	<0.001	<0.001	<0.001
MW-4	2/12/16			<0.001	<0.001	<0.001	<0.001
MW-4	5/26/16			**0.0152**	<0.001	<0.001	<0.001
MW-4	9/2/16			**0.0062**	<0.001	<0.001	<0.001
MW-4	11/3/16			**0.0182**	<0.001	**0.0022**	**0.0021**
MW-4	3/1/17	DUP		<0.002	<0.002	<0.002	<0.002
MW-4	3/1/17			<0.002	<0.002	<0.002	<0.002
MW-4	6/1/17			<0.002	<0.002	<0.002	<0.002
MW-4	9/1/17			<0.002	<0.002	<0.002	<0.002
MW-4	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-4	3/2/18			<0.002	<0.002	<0.002	<0.002
MW-4	5/30/18			<0.002	<0.002	<0.002	<0.002
MW-4	8/31/18			**0.000668**	<0.000412	**0.000331 J**	<0.00051
MW-4	11/30/18			**0.000896**	<0.000412	<0.00016	<0.00051
MW-4	2/26/19			<0.00019	<0.000412	**0.000328 J**	**0.00359**
MW-4	5/21/19			**0.000286 J**	<0.000412	<0.00016	**0.00272**
MW-4	7/26/19			**0.000875**	<0.000412	**0.000161 J**	<0.00051
MW-4	10/23/19			**0.000455 J**	**0.000423 J**	**0.00022 J**	<0.00051
MW-4	2/17/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	5/22/20	DUP		<0.00019	<0.000412	<0.00016	<0.00051
MW-4	5/22/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	9/16/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	10/30/20			**0.00035 J**	<0.000412	**0.000204 J**	<0.00051
MW-5	11/18/14		LNAPL	-	-	-	-
MW-5	11/19/14			**0.029**	**0.0029**	**0.0109**	**0.0286**
MW-5	3/5/15			**0.0067**	<0.001	**0.0042**	**0.009**
MW-5	9/2/16	DUP		<0.001	<0.001	**0.0011**	**0.0012**

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-5	9/2/16			<0.001	<0.001	<0.001	**0.0017**
MW-5	11/3/16			<0.001	<0.001	**0.0011**	**0.004**
MW-5	3/1/17	DUP		**0.00748**	<0.002	<0.002	**0.007**
MW-5	3/1/17			**0.00553**	<0.002	<0.002	**0.00589**
MW-5	6/1/17	DUP		**0.00694**	**0.00447**	<0.002	**0.00852**
MW-5	6/1/17			**0.00574**	**0.00455**	<0.002	**0.0101**
MW-5	9/1/17	DUP		**0.00271**	**0.008**	<0.002	**0.00201**
MW-5	9/1/17			**0.0033**	**0.00925**	<0.002	**0.00818**
MW-5	11/30/17	DUP		<0.002	**0.00694**	<0.002	<0.002
MW-5	11/30/17			<0.002	**0.00825**	<0.002	**0.00479**
MW-5	3/2/18	DUP		<0.002	**0.00358**	<0.002	<0.002
MW-5	3/2/18			<0.002	**0.00395**	<0.002	<0.002
MW-5	5/30/18	DUP		**0.00212**	**0.0028**	<0.002	**0.0149**
MW-5	5/30/18			**0.00206**	**0.00208**	<0.002	**0.0135**
MW-5	8/31/18	DUP		**0.0147**	<0.000412	<0.00016	**0.0255**
MW-5	8/31/18			**0.00982**	<0.000412	<0.00016	**0.00942**
MW-5	11/30/18			**0.0132**	<0.000412	**0.0296**	<0.00051
MW-5	2/26/19			**0.00355**	<0.000412	<0.00016	**0.00368**
MW-5	5/21/19			**0.00558**	**0.00117**	**0.00855**	**0.00273**
MW-5	7/26/19	DUP		**0.009**	<0.000412	<0.00016	**0.00174**
MW-5	7/26/19			**0.00878**	<0.000412	<0.00016	**0.00183**
MW-5	10/23/19			**0.00445**	<0.000412	<0.00016	<0.00051
MW-5	2/17/20			**0.0157**	<0.000412	<0.00016	<0.00051
MW-5	5/22/20	DUP		**0.00524**	<0.000412	<0.00016	<0.00051
MW-5	5/22/20			**0.00327**	<0.000412	<0.00016	<0.00051
MW-5	9/16/20			**0.00991**	**0.0237**	<0.00016	**0.0034**
MW-5	10/30/20			**0.00594**	**0.00058 J**	**0.000987**	**0.00186**
MW-6	3/7/11			**0.047**	<0.001	<0.001	**0.0212**
MW-6	6/16/11			**0.0268**	<0.001	<0.001	<0.001
MW-6	9/9/11			**0.0151**	<0.001	<0.001	**0.0174**
MW-6	12/1/11			**0.0011**	<0.001	<0.001	**0.0034**
MW-6	3/9/12			**0.0074**	<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	12/5/12			<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			**0.0028**	<0.001	**0.0231**	**0.0047**
MW-6	11/14/13			**0.012**	<0.001	**0.0033**	**0.0057**
MW-6	2/27/14			**0.0101**	<0.001	**0.039**	**0.0051**
MW-6	5/29/14	DUP		**0.0031**	<0.001	**0.119**	**0.0166**
MW-6	5/29/14			**0.0038**	<0.001	**0.12**	<0.003
MW-6	9/4/14	DUP		**0.0019**	<0.001	**0.138**	<0.001
MW-6	9/4/14			**0.0019**	<0.001	**0.132**	<0.001
MW-6	11/19/14			**0.0054**	**0.002**	**0.0989**	**0.0104**
MW-6	3/5/15			**0.0017**	<0.001	**0.14**	<0.001
MW-6	6/4/15			<0.001	<0.001	**0.005**	**0.0021**
MW-6	8/13/15			**0.002**	<0.001	**0.0205**	<0.001
MW-6	12/4/15	DUP		**0.0076**	<0.001	**0.0044**	**0.0025**
MW-6	12/4/15			**0.0068**	<0.001	**0.0033**	**0.0027**
MW-6	2/12/16	DUP		**0.0078**	<0.001	**0.0948**	**0.0022**
MW-6	2/12/16			**0.0071**	<0.001	**0.0875**	<0.001
MW-6	5/26/16	DUP		**0.0371**	<0.001	**0.0092**	**0.003**
MW-6	5/26/16			**0.0374**	<0.001	**0.0117**	**0.0041**
MW-6	9/2/16			**0.0619**	<0.001	**0.0147**	**0.0082**
MW-6	11/3/16			**0.0918**	<0.001	**0.0336**	**0.0186**

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-6	3/1/17			**0.0203**	<0.002	**0.0264**	**0.0072**
MW-6	6/1/17			**0.0188**	**0.00467**	**0.0302**	**0.0114**
MW-6	9/1/17			**0.0071**	**0.00433**	**0.0132**	**0.00726**
MW-6	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-6	3/2/18			<0.002	<0.002	<0.002	<0.002
MW-6	5/30/18			<0.002	<0.002	<0.002	<0.002
MW-6	8/31/18			<0.00019	<0.000412	**0.000317 J**	**0.00133 J**
MW-6	11/30/18			**0.000572**	<0.000412	<0.00016	<0.00051
MW-6	2/26/19			**0.00049 J**	<0.000412	**0.0037**	**0.00603**
MW-6	5/21/19			**0.000883**	<0.000412	**0.0016**	**0.00362**
MW-6	7/26/19			**0.000931**	<0.000412	<0.00016	<0.00051
MW-6	10/23/19	DUP		<0.00019	<0.000412	<0.00016	<0.00051
MW-6	10/23/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	2/17/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	5/22/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	9/16/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	10/30/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-7	9/15/20		LNAPL	-	-	-	-
MW-7	10/29/20		LNAPL	-	-	-	-
MW-8	3/7/11			<0.001	<0.001	<0.001	<0.001
MW-8	6/16/11			<0.001	<0.001	<0.001	<0.001
MW-8	9/9/11			<0.001	<0.001	<0.001	<0.001
MW-8	12/1/11			<0.001	<0.001	<0.001	<0.001
MW-8	3/9/12			<0.001	<0.001	<0.001	<0.001
MW-8	6/7/12			<0.001	<0.001	<0.001	<0.001
MW-8	9/12/12			<0.001	<0.001	<0.001	<0.001
MW-8	12/5/12			<0.001	<0.001	<0.001	<0.001
MW-8	3/7/13			<0.001	<0.001	<0.001	<0.001
MW-8	5/30/13			<0.001	<0.001	<0.001	<0.001
MW-8	8/29/13			<0.001	<0.001	<0.001	<0.001
MW-8	11/14/13			<0.001	<0.001	<0.001	<0.003
MW-8	2/27/14			<0.001	<0.001	<0.001	<0.003
MW-8	5/29/14			<0.001	<0.001	<0.001	<0.003
MW-8	9/4/14			<0.001	<0.001	<0.001	<0.001
MW-8	11/19/14			<0.001	<0.001	<0.001	<0.001
MW-8	3/4/15			<0.001	<0.001	<0.001	<0.001
MW-8	6/4/15			<0.001	<0.001	<0.001	<0.001
MW-8	8/13/15			<0.001	<0.001	<0.001	<0.001
MW-8	12/4/15			<0.001	<0.001	<0.001	<0.001
MW-8	2/12/16			<0.001	<0.001	<0.001	<0.001
MW-8	5/26/16			<0.001	<0.001	<0.001	<0.001
MW-8	9/2/16			<0.001	<0.001	<0.001	<0.001
MW-8	11/3/16	DUP		<0.001	<0.001	<0.001	<0.001
MW-8	11/3/16			<0.001	<0.001	<0.001	<0.001
MW-8	3/1/17			<0.002	<0.002	<0.002	<0.002
MW-8	6/1/17			<0.002	<0.002	<0.002	<0.002
MW-8	9/1/17			<0.002	<0.002	<0.002	<0.002
MW-8	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-8	3/2/18			<0.002	<0.002	<0.002	<0.002
MW-8	5/30/18			<0.002	<0.002	<0.002	<0.002
MW-8	8/31/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-8	11/30/18	DUP		<0.00019	<0.000412	<0.00016	<0.00051
MW-8	11/30/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-8	2/26/19			<0.00019	<0.000412	**0.000177 J**	<0.00051
MW-8	5/21/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-8	7/26/19			<0.00019	<0.000412	<0.00016	<0.00051

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-8	10/23/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-8	2/17/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	3/7/11			<0.001	<0.001	<0.001	<0.001
MW-9	6/16/11			<0.001	<0.001	<0.001	<0.001
MW-9	9/9/11			<0.001	<0.001	<0.001	<0.001
MW-9	12/1/11			<0.001	<0.001	<0.001	<0.001
MW-9	3/9/12			<0.001	<0.001	<0.001	<0.001
MW-9	6/7/12			<0.001	<0.001	<0.001	<0.001
MW-9	9/12/12			<0.001	<0.001	<0.001	<0.001
MW-9	12/5/12			<0.001	<0.001	<0.001	<0.001
MW-9	3/7/13			<0.001	<0.001	<0.001	<0.001
MW-9	5/30/13			<0.001	<0.001	<0.001	<0.001
MW-9	8/29/13			<0.001	<0.001	<0.001	<0.001
MW-9	11/14/13			<0.001	<0.001	<0.001	<0.003
MW-9	2/27/14			<0.001	<0.001	<0.001	<0.003
MW-9	5/29/14			<0.001	<0.001	<0.001	<0.003
MW-9	9/4/14			<0.001	<0.001	<0.001	<0.001
MW-9	11/19/14			<0.001	<0.001	<0.001	<0.001
MW-9	3/4/15			<0.001	<0.001	<0.001	<0.001
MW-9	6/4/15			<0.001	<0.001	<0.001	<0.001
MW-9	8/13/15			<0.001	<0.001	<0.001	<0.001
MW-9	12/4/15			<0.001	<0.001	<0.001	<0.001
MW-9	2/12/16			<0.001	<0.001	<0.001	<0.001
MW-9	5/26/16			<0.001	<0.001	<0.001	<0.001
MW-9	9/2/16			<0.001	<0.001	<0.001	<0.001
MW-9	11/3/16			<0.001	<0.001	<0.001	<0.001
MW-9	3/1/17			<0.002	<0.002	<0.002	<0.002
MW-9	6/1/17			<0.002	<0.002	<0.002	<0.002
MW-9	9/1/17			<0.002	<0.002	<0.002	<0.002
MW-9	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-9	3/2/18			<0.002	<0.002	<0.002	<0.002
MW-9	5/30/18			<0.002	<0.002	<0.002	<0.002
MW-9	8/31/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	11/30/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	2/26/19			<0.00019	<0.000412	**0.000436 J**	<0.00051
MW-9	5/21/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	7/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	10/23/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	2/17/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	5/22/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	9/16/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	3/7/11			**0.239**	<0.1	<0.1	<0.1
MW-10	6/16/11			**0.172**	<0.001	<0.001	<0.001
MW-10	9/9/11			**0.154**	<0.01	<0.01	<0.01
MW-10	12/1/11			**0.188**	<0.001	**0.0171**	<0.001
MW-10	3/9/12			**0.112**	<0.001	**0.0127**	<0.001
MW-10	6/7/12			**0.116**	<0.001	**0.0048**	**0.0121**
MW-10	9/12/12			**0.168**	<0.05	<0.05	<0.05
MW-10	12/5/12			**0.132**	<0.001	<0.001	<0.001
MW-10	3/7/13			**0.726**	<0.001	<0.001	**0.006**
MW-10	5/30/13			**0.0525**	<0.001	<0.001	<0.001
MW-10	8/29/13			**0.0411**	<0.001	<0.001	<0.001
MW-10	11/14/13			**0.0407**	<0.001	<0.001	<0.003
MW-10	2/27/14			**0.0532**	<0.001	<0.001	<0.003
MW-10	5/29/14			**0.0878**	<0.001	<0.001	<0.003
MW-10	9/4/14			**0.089**	<0.001	<0.001	<0.001

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-10	11/19/14			**0.0924**	<0.001	<0.001	<0.001
MW-10	3/4/15			**0.102**	<0.001	<0.001	**0.0029**
MW-10	6/4/15			**0.0485**	<0.001	<0.001	**0.0012**
MW-10	8/13/15			**0.0084**	<0.001	<0.001	<0.001
MW-10	12/4/15			<0.001	<0.001	<0.001	<0.001
MW-10	2/12/16			<0.001	<0.001	<0.001	<0.001
MW-10	5/26/16			<0.001	<0.001	<0.001	<0.001
MW-10	9/2/16			<0.001	<0.001	<0.001	<0.001
MW-10	11/3/16			<0.001	<0.001	<0.001	<0.001
MW-10	3/1/17			<0.002	<0.002	<0.002	<0.002
MW-10	6/1/17			<0.002	<0.002	<0.002	<0.002
MW-10	9/1/17			<0.002	<0.002	<0.002	<0.002
MW-10	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-10	3/2/18			<0.002	<0.002	<0.002	<0.002
MW-10	5/30/18			<0.002	<0.002	<0.002	<0.002
MW-10	8/31/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	11/30/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	2/26/19			<0.00019	<0.000412	**0.000763**	**0.000675 J**
MW-10	5/21/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	7/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	10/23/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	2/17/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	5/22/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	9/16/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	10/30/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-11	3/7/11			<0.001	<0.001	<0.001	<0.001
MW-11	6/16/11			<0.001	<0.001	<0.001	<0.001
MW-11	9/9/11			<0.001	<0.001	<0.001	<0.001
MW-11	12/1/11			<0.001	<0.001	<0.001	<0.001
MW-11	3/9/12			<0.001	<0.001	<0.001	<0.001
MW-11	6/7/12			<0.001	<0.001	<0.001	<0.001
MW-11	9/12/12			<0.001	<0.001	<0.001	<0.001
MW-11	12/5/12			<0.001	<0.001	<0.001	<0.001
MW-11	3/7/13			<0.001	<0.001	<0.001	<0.001
MW-11	5/30/13			<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	2/27/14			<0.001	<0.001	<0.001	<0.001
MW-11	5/29/14			<0.001	<0.001	<0.001	<0.003
MW-11	9/2/14		Dry	-	-	-	-
MW-11	11/18/14		Dry	-	-	-	-
MW-11	3/3/15		Dry	-	-	-	-
MW-11	6/1/15		Dry	-	-	-	-
MW-11	8/10/15		Dry	-	-	-	-
MW-11	11/30/15		Dry	-	-	-	-
MW-11	2/9/16		Dry	-	-	-	-
MW-11	5/30/17		Dry	-	-	-	-
MW-11	6/1/17		Dry	-	-	-	-
MW-11	8/31/17		Dry	-	-	-	-
MW-11	11/28/17		Dry	-	-	-	-
MW-11	2/26/18		Dry	-	-	-	-
MW-11	5/29/18		Dry	-	-	-	-
MW-11	2/25/19		Dry	-	-	-	-
MW-11	5/20/19		Dry	-	-	-	-
MW-11	7/23/19		Dry	-	-	-	-
MW-11	10/22/19		Dry	-	-	-	-

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-12	3/7/11			<0.001	<0.001	<0.001	<0.001
MW-12	6/16/11			**0.126**	<0.001	<0.001	<0.001
MW-12	9/9/11			**0.278**	<0.001	<0.001	<0.001
MW-12	12/1/11			**0.0264**	<0.001	<0.001	**0.0025**
MW-12	3/9/12			**0.207**	<0.001	<0.001	<0.001
MW-12	6/7/12			**0.254**	<0.001	<0.001	<0.001
MW-12	9/12/12			**0.313**	<0.001	<0.001	<0.001
MW-12	12/5/12	DUP		**0.018**	<0.001	<0.001	<0.001
MW-12	12/5/12			**0.018**	<0.001	<0.001	<0.001
MW-12	3/7/13			**0.429**	<0.01	<0.01	<0.01
MW-12	5/30/13			**0.186**	<0.001	<0.001	<0.001
MW-12	8/29/13			**0.248**	<0.001	<0.001	**0.0013**
MW-12	11/14/13			**0.172**	<0.001	<0.001	<0.001
MW-12	2/27/14			**0.14**	<0.001	<0.001	<0.003
MW-12	5/29/14			**0.307**	<0.001	<0.001	<0.003
MW-12	9/4/14			**0.335**	<0.001	<0.001	<0.001
MW-12	11/19/14	DUP		**0.0549**	<0.001	<0.001	<0.001
MW-12	11/19/14			**0.0436**	<0.001	<0.001	<0.001
MW-12	3/4/15	DUP		**0.186**	<0.001	<0.001	<0.001
MW-12	3/4/15			**0.158**	<0.001	<0.001	**0.0021**
MW-12	6/4/15	DUP		**0.0225**	<0.001	<0.001	**0.0012**
MW-12	6/4/15			**0.0726**	<0.001	<0.001	<0.001
MW-12	8/13/15			**0.0092**	<0.001	<0.001	<0.001
MW-12	12/4/15	DUP		**0.0029**	<0.001	<0.001	<0.001
MW-12	12/4/15			**0.0025**	<0.001	<0.001	<0.001
MW-12	2/12/16	DUP		<0.001	<0.001	<0.001	<0.001
MW-12	2/12/16			<0.001	<0.001	<0.001	<0.001
MW-12	5/26/16	DUP		<0.001	<0.001	<0.001	<0.001
MW-12	5/26/16			<0.001	<0.001	<0.001	<0.001
MW-12	9/2/16	DUP		<0.001	<0.001	<0.001	<0.001
MW-12	9/2/16			<0.001	<0.001	<0.001	<0.001
MW-12	11/3/16			<0.001	<0.001	<0.001	<0.001
MW-12	3/1/17			<0.002	<0.002	<0.002	<0.002
MW-12	6/1/17	DUP		<0.002	<0.002	<0.002	<0.002
MW-12	6/1/17			<0.002	<0.002	<0.002	<0.002
MW-12	9/1/17	DUP		<0.002	<0.002	<0.002	<0.002
MW-12	9/1/17			<0.002	<0.002	<0.002	<0.002
MW-12	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-12	3/2/18	DUP		<0.002	<0.002	<0.002	<0.002
MW-12	3/2/18			<0.002	<0.002	<0.002	<0.002
MW-12	5/30/18	DUP		<0.002	<0.002	<0.002	<0.002
MW-12	5/30/18			<0.002	<0.002	<0.002	<0.002
MW-12	8/31/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	11/30/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	2/26/19	DUP		<0.00019	<0.000412	**0.000162 J**	<0.00051
MW-12	2/26/19			<0.00019	<0.000412	**0.000269 J**	<0.00051
MW-12	5/21/19	DUP		<0.00019	<0.000412	<0.00016	<0.00051
MW-12	5/21/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	7/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	10/23/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	2/17/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	5/22/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	9/16/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-12	10/30/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	3/7/11			<0.001	<0.001	<0.001	<0.001
MW-13	6/16/11			<0.001	<0.001	<0.001	<0.001

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-13	9/9/11			<0.001	<0.001	<0.001	<0.001
MW-13	12/1/11			<0.001	<0.001	<0.001	<0.001
MW-13	3/9/12			<0.001	<0.001	<0.001	<0.001
MW-13	6/7/12			<0.001	<0.001	<0.001	<0.001
MW-13	9/12/12			<0.001	<0.001	<0.001	<0.001
MW-13	12/5/12			<0.001	<0.001	<0.001	<0.001
MW-13	3/7/13			<0.001	<0.001	<0.001	<0.001
MW-13	5/30/13			<0.001	<0.001	<0.001	<0.001
MW-13	8/29/13			<0.001	<0.001	<0.001	<0.001
MW-13	11/14/13			<0.001	<0.001	<0.001	<0.001
MW-13	2/27/14			<0.001	<0.001	<0.001	<0.003
MW-13	5/29/14			<0.001	<0.001	<0.001	<0.003
MW-13	9/4/14			<0.001	<0.001	<0.001	<0.001
MW-13	11/19/14			<0.001	<0.001	<0.001	<0.001
MW-13	3/4/15			<0.001	<0.001	<0.001	<0.001
MW-13	6/4/15			<0.001	<0.001	<0.001	<0.001
MW-13	8/13/15			<0.001	<0.001	<0.001	<0.001
MW-13	12/4/15			<0.001	<0.001	<0.001	<0.001
MW-13	2/12/16			<0.001	<0.001	<0.001	<0.001
MW-13	5/26/16			<0.001	<0.001	<0.001	<0.001
MW-13	9/2/16			<0.001	<0.001	<0.001	<0.001
MW-13	11/3/16			<0.001	<0.001	<0.001	<0.001
MW-13	3/1/17			<0.002	<0.002	<0.002	<0.002
MW-13	6/1/17			<0.002	<0.002	<0.002	<0.002
MW-13	9/1/17			**0.00204**	<0.002	<0.002	<0.002
MW-13	11/30/17	DUP		<0.002	<0.002	<0.002	<0.002
MW-13	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-13	5/30/18			<0.002	<0.002	<0.002	<0.002
MW-13	8/31/18	DUP		<0.00019	<0.000412	<0.00016	<0.00051
MW-13	8/31/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	11/30/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	2/26/19			<0.00019	<0.000412	**0.000168 BJ**	<0.00051
MW-13	5/21/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	7/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	10/23/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	3/7/11			<0.001	<0.001	<0.001	<0.001
MW-14	6/16/11			<0.001	<0.001	<0.001	<0.001
MW-14	9/9/11			<0.001	<0.001	<0.001	<0.001
MW-14	12/1/11			<0.001	<0.001	<0.001	<0.001
MW-14	3/9/12			<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	12/5/12			<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	9/4/14			<0.001	<0.001	<0.001	<0.001
MW-14	11/19/14			<0.001	<0.001	<0.001	<0.001
MW-14	3/4/15			<0.001	<0.001	<0.001	<0.001
MW-14	6/4/15			<0.001	<0.001	<0.001	<0.001
MW-14	8/13/15			<0.001	<0.001	<0.001	<0.001
MW-14	12/4/15			<0.001	<0.001	<0.001	<0.001
MW-14	2/12/16			<0.001	<0.001	<0.001	<0.001

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-14	5/26/16			<0.001	<0.001	<0.001	<0.001
MW-14	9/2/16			<0.001	<0.001	<0.001	<0.001
MW-14	11/3/16			<0.001	<0.001	<0.001	<0.001
MW-14	3/1/17			<0.002	<0.002	<0.002	<0.002
MW-14	6/1/17			<0.002	<0.002	<0.002	<0.002
MW-14	9/1/17			<0.002	<0.002	<0.002	<0.002
MW-14	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-14	3/2/18			<0.002	<0.002	<0.002	<0.002
MW-14	5/30/18			<0.002	<0.002	<0.002	<0.002
MW-14	8/31/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	11/30/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	2/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	5/21/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	7/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	10/23/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-15	3/7/11			<0.001	<0.001	<0.001	<0.001
MW-15	6/16/11			<0.001	<0.001	<0.001	<0.001
MW-15	9/7/11		Dry	-	-	-	-
MW-15	12/1/11			<0.001	<0.001	<0.001	<0.001
MW-15	3/9/12			<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	12/5/12			<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	9/4/14			<0.001	<0.001	<0.001	<0.001
MW-15	11/19/14			<0.001	<0.001	<0.001	<0.001
MW-15	3/4/15			<0.001	<0.001	<0.001	<0.001
MW-15	6/4/15			<0.001	<0.001	<0.001	<0.001
MW-15	8/13/15			<0.001	<0.001	<0.001	<0.001
MW-15	12/4/15			<0.001	<0.001	<0.001	<0.001
MW-15	2/12/16			<0.001	<0.001	<0.001	<0.001
MW-15	5/26/16			<0.001	<0.001	<0.001	<0.001
MW-15	9/2/16			<0.001	<0.001	<0.001	<0.001
MW-15	11/3/16	DUP		<0.001	<0.001	<0.001	<0.001
MW-15	11/3/16			<0.001	<0.001	<0.001	<0.001
MW-15	3/1/17			<0.002	<0.002	<0.002	<0.002
MW-15	6/1/17			<0.002	<0.002	<0.002	<0.002
MW-15	9/1/17			<0.002	<0.002	<0.002	<0.002
MW-15	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-15	3/2/18			<0.002	<0.002	<0.002	<0.002
MW-15	5/30/18			<0.002	<0.002	<0.002	<0.002
MW-15	8/31/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-15	11/30/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-15	2/26/19	DUP		<0.00019	<0.000412	<0.00016	<0.00051
MW-15	2/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-15	5/21/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-15	10/23/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-15	2/17/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-16	3/7/11			<0.001	<0.001	<0.001	<0.001
MW-16	6/16/11			<0.001	<0.001	<0.001	<0.001
MW-16	9/9/11			<0.001	<0.001	<0.001	<0.001

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-16	12/1/11			<0.001	<0.001	<0.001	<0.001
MW-16	3/9/12			<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	12/5/12			<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			**0.0529**	<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	9/4/14			<0.001	<0.001	<0.001	<0.001
MW-16	11/19/14			<0.001	<0.001	<0.001	<0.001
MW-16	3/4/15			<0.001	<0.001	<0.001	<0.001
MW-16	6/4/15			<0.001	<0.001	<0.001	<0.001
MW-16	8/13/15			<0.001	<0.001	<0.001	<0.001
MW-16	12/4/15			<0.001	<0.001	<0.001	<0.001
MW-16	2/12/16			<0.001	<0.001	<0.001	<0.001
MW-16	5/26/16			<0.001	<0.001	<0.001	<0.001
MW-16	9/2/16			<0.001	<0.001	<0.001	<0.001
MW-16	11/3/16			<0.001	<0.001	<0.001	<0.001
MW-16	3/1/17			<0.002	<0.002	<0.002	<0.002
MW-16	8/31/17		Dry	-	-	-	-
MW-16	11/28/17		Dry	-	-	-	-
MW-16	2/26/18		Dry	-	-	-	-
MW-16	5/29/18		Dry	-	-	-	-
MW-16	8/29/18		Dry	-	-	-	-
MW-16	11/26/18		Dry	-	-	-	-
MW-16	5/20/19		Dry	-	-	-	-
MW-16	7/23/19		Dry	-	-	-	-
MW-16	10/22/19		Dry	-	-	-	-
MW-17	6/1/17			**0.665**	**0.192**	**0.114**	**0.321**
MW-17	9/1/17			**1.56**	**0.0844**	**0.206**	**0.649**
MW-17	3/2/18			**1.71**	**0.0376**	**0.206**	**0.299**
MW-17	5/30/18			**1.74**	**0.00308**	**0.0979**	**0.128**
MW-17	11/30/18			**1.24**	**0.0259**	**0.17**	**0.223**
MW-17	2/26/19			**3.31**	**0.0105**	**0.23**	**0.234**
MW-17	5/21/19	DUP		**1.26**	**0.0229**	**0.164**	**0.253**
MW-17	5/21/19			**1.27**	**0.0219**	**0.168**	**0.258**
MW-17	7/26/19	DUP		**2.81**	<0.00412	**0.264**	**0.189**
MW-17	7/26/19			**2.88**	<0.00824	**0.252**	**0.208**
MW-17	10/23/19	DUP		**1.26**	<0.0412	**0.201**	**0.201**
MW-17	10/23/19			**1.54**	<0.00824	**0.171**	**0.293**
MW-17	2/17/20			**0.657**	<0.00206	**0.134**	**0.161**
MW-17	5/22/20			**1.53**	<0.00412	**0.0605**	**0.0635**
MW-17	9/16/20	DUP		**1.22**	**0.0639**	**0.0691**	**0.132**
MW-17	9/16/20			**0.743**	**0.0547**	**0.0357**	**0.0735**
MW-17	10/30/20			**0.79**	<0.0103	**0.0446**	**0.058**
MW-18	5/22/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-18	9/16/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-18	10/30/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	3/25/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	5/22/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	9/16/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-19	10/30/20			<0.00019	<0.000412	<0.00016	<0.00051

Table 2b

Summary of Groundwater Analytical Results (Historical)
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.01**	**0.75**	**0.75**	**0.62**
MW-20	3/25/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-20	5/22/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-20	9/16/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-20	10/30/20			<0.00019	<0.000412	<0.00016	<0.00051

Notes:
1. Analytical results are presented in milligrams per liter (mg/L)
2. All dates are in the format: MM/DD/YY
3. Shaded results indicates results exceeding their respective New Mexico Water Quality Control Commission (NMWCC) Human Health Standards limits
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 blank.
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 PAH Analytical Results
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Anthracene	Pyrene	Dibenzofuran	Benzo(g,h,i)perylene	Indeno(1,2,3-cd)pyrene	Benzo(b)fluoranthene	Fluoranthene	Benzo(k)fluoranthene	Acenaphthylene	Chrysene	Benzo(a)pyrene	Benzo(a)anthracene	Acenaphthene	Phenanthrene	Fluorene	1-Methylnaphthalene	Naphthalene	2-Methylnaphthalene
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards		**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.0002**	**0.001**	**0.001**	**0.001**	**0.001**	**0.03**	**0.03**	**0.03**
MW-1	12/11/08	<0.000922	<0.000922	**0.024**	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.0849**	**0.0589**	**0.397**	**0.135**	**0.529**
MW-1	12/03/09	<0.000917	<0.000917	**0.00956**	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0356**	**0.0262**	**0.204**	**0.0776**	**0.286**
MW-1R	11/19/14	<0.000186	0.000193	<0.000186	<0.000186	<0.000186	<0.000186	0.000261	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.000541	<0.000186	0.00107	0.000859	0.000273
MW-1R	12/04/15	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	0.00373	0.00514	0.00184
MW-1R	11/03/16	<0.000184	0.000314	0.000513	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00135**	<0.000184	0.00205	0.00297	0.00088
MW-1R	11/30/17	<0.000192	<0.000192	0.000199	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	0.000383	0.000213	0.000905	0.00265	0.000422
MW-1R	11/30/18	0.0000522	<0.0000117	0.00052	<0.00000227	<0.0000148	0.0000023 J	<0.0000157	<0.0000136	<0.000012	<0.0000108	0.0000164 J	<0.0000041	0.0000596	0.000459	0.000426	0.00564	0.0123	0.0053
MW-1R	10/23/19	0.0000404 J	0.0000121 J	0.000413	0.00000227	<0.0000148	0.00000212	<0.0000157	0.0000136	0.000012	0.0000108	0.0000116	0.0000041	0.0000581	0.000193	0.000335	0.00163	0.00264	0.000991
MW-2	12/11/08	<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	12/03/09	<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-2R	11/19/14	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.000506	<0.00019	<0.00019	<0.00019	<0.00019
MW-2R	12/04/15	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-2R	11/03/16	<0.000184	0.000287	<0.000184	<0.000184	<0.000184	<0.000184	<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	11/11/22	<0.000019	0.0000747	**0.00209**	0.0000243	<0.0000158	0.0000313 J	0.000111	<0.0000202	<0.0000171	0.000127	<0.0000184	<0.0000203	0.000598	**0.00332**	**0.00229**	**0.0414**	**0.0547**	**0.0514**
MW-3R	11/07/23	0.000952	0.000417	**0.00296**	<0.00005	<0.00005	0.0000577	0.000164	<0.00005	<0.00005	0.000191	<0.00005	0.000365	0.000986	**0.00425**	**0.0033**	**0.0547**	**0.0771**	**0.0704**
MW-3R	11/07/24	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.011**	**0.0086**
MW-4	12/11/08	<0.000185	<0.000185	**0.00141**	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.001	**0.00202**	0.00523	0.00565	0.00331
MW-4	12/03/09	<0.000184	<0.000184	0.000877	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000405	**0.0014**	0.00272	0.00532	0.00179
MW-4	12/01/11	<0.000184	<0.000184	0.000569	**0.00158**	**0.00118**	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.000331**	<0.000184	<0.000184	<0.000184	0.00061	0.0025	0.00122	0.00075
MW-4	12/05/12	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	0.00106	<0.00019	<0.00019
MW-4	12/04/15	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198	<0.000198
MW-4	11/03/16	<0.000186	0.000351	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186
MW-5	12/11/08	<0.000917	<0.000917	**0.041**	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.115**	**0.0758**	**0.949**	**0.376**	**1.26**
MW-5	12/03/09	<0.000184	<0.000184	**0.00208**	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00328**	**0.00325**	**0.0414**	**0.0305**	**0.0374**
MW-5	11/29/10	<0.000186	<0.000186	**0.0029**	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	**0.00625**	**0.00476**	**0.0498**	**0.0484**	**0.0617**
MW-5	11/19/14	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	**0.00208**	**0.00134**	0.0124	0.0073	0.014
MW-5	11/03/16	<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	**0.00537**	<0.000184	0.0185	0.00417	0.0135
MW-5	11/30/17	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	0.000305	<0.000195	0.00038	<0.000195	<0.000195	0.0002	-	<0.000391	-
MW-5	11/30/18	0.000737	0.000382	0.00042	0.0000306 J	<0.0000296	0.0000535 J	0.000122	<0.0000272	<0.000024	0.0000858 J	<0.0000232	<0.0000082	<0.00002	**0.00114**	0.000807	0.00279	0.000378 J	0.00272
MW-5	10/30/20	<0.000019	0.0000249 J	<0.0000191	<0.0000184	<0.0000158	<0.0000168	0.0000441 J	<0.0000202	<0.0000171	<0.0000179	<0.0000184	<0.0000203	<0.000019	<0.000018	0.0000883	0.00023 J	<0.0000917	0.000149 J
MW-5	11/08/21	<0.000019	0.0000732	0.000562	<0.0000184	<0.0000158	0.0000405 J	0.000112	<0.0000202	<0.0000171	0.000114	<0.0000184	<0.0000203	<0.000019	**0.00131**	0.000887	0.00295	0.000198 J	0.0024
MW-6	12/11/08	<0.000184	<0.000184	**0.00128**	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0006	**0.00226**	0.00275	0.00187	0.00193
MW-6	12/03/09	<0.000183	<0.000183	**0.00305**	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00871**	**0.00686**	**0.0428**	0.0102	**0.0553**
MW-6	11/29/10	<0.000186	<0.000186	0.000781	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	**0.0011**	0.000871	0.00213	0.000671
MW-6	12/01/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00146**	**0.00104**	0.00362	0.000675	<0.000183
MW-6	12/05/12	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019

Table 3

Summary of PAH Analytical Results
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Anthracene	Pyrene	Dibenzofuran	Benzo(g,h,i)perylene	Indeno(1,2,3-cd)pyrene	Benzo(b)fluoranthene	Fluoranthene	Benzo(k)fluoranthene	Acenaphthylene	Chrysene	Benzo(a)pyrene	Benzo(a)anthracene	Acenaphthene	Phenanthrene	Fluorene	1-Methylnaphthalene	Naphthalene	2-Methylnaphthalene
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards		**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.0002**	**0.001**	**0.001**	**0.001**	**0.001**	**0.03**	**0.03**	**0.03**
MW-6	11/19/14	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	0.000328	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	**0.00113**	0.000718	0.00237	0.000462	0.000459
MW-6	12/04/15	<0.000197	<0.000197	0.000291	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	<0.000197	0.000506	0.00083	<0.000197	<0.000197
MW-6	11/03/16	<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	0.00311	0.00183	0.000367
MW-6	11/30/17	<0.000185	<0.000185	0.000222	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000211	<0.000185	<0.000185	<0.000185	0.000472	0.000299	0.00065	<0.000369	<0.000185
MW-6	11/30/18	0.0000927	0.0000359 J	0.0000485 J	0.00000457 J	<0.0000148	0.00000549 J	<0.0000157	<0.0000136	<0.000012	<0.0000108	0.0000167 J	<0.0000041	0.0000392 J	0.0000413 J	0.0000211 J	0.0000145 J	0.00026	<0.0000090 2
MW-7	12/11/08	<0.000183	<0.000183	**0.0153**	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.0367**	**0.0218**	**0.265**	**0.147**	**0.339**
MW-7	12/03/09	<0.000917	<0.000917	**0.0663**	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.027**	<0.000917	<0.000917	<0.000917	<0.000917	**0.149**	**0.105**	**1.04**	**0.416**	**1.43**
MW-7	11/11/22	<0.000019	0.000158	**0.00255**	0.0000428 J	<0.0000158	0.0000716	0.000251	<0.0000202	<0.0000171	0.000235	0.0000402 J	<0.0000203	0.000665	**0.00384**	**0.00284**	**0.0479**	**0.0745**	**0.0527**
MW-7	11/07/23	<0.00005	<0.00005	**0.0025**	<0.00005	<0.00005	<0.00005	<0.0001	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00047	**0.00185**	**0.00228**	**0.0516**	**0.0863**	**0.0601**
MW-7	11/07/24	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.012**	**0.021**	**0.012**
MW-8	12/11/08	<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-8	12/03/09	<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-9	12/11/08	<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-9	12/03/09	<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-10	12/11/08	<0.000184	<0.000184	0.000623	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000652	0.00118	0.000526	0.000314
MW-10	12/03/09	<0.000183	<0.000183	0.000772	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00118	0.000525	<0.000183
MW-10	12/01/11	<0.000183	<0.000183	**0.00101**	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000873	0.00355	0.000358	<0.000183
MW-10	12/05/12	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
MW-10	12/04/15	<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	<0.000195
MW-11	12/11/08	<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-11	12/03/09	<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-12	12/11/08	<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	12/03/09	<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-12	12/05/12	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019	<0.00019
MW-12	12/04/15	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196	<0.000196
MW-12	11/30/18	<0.000014	<0.0000117	0.00000236 J	<0.00000227	<0.0000148	<0.0000021 2	<0.0000157	<0.0000136	<0.000012	<0.0000108	0.0000157 J	<0.0000041	<0.00001	<0.0000082	<0.0000085	<0.0000082 1	0.00014 J	<0.0000090 2
MW-13	12/11/08	<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	<0.000187	<0.000187
MW-13	12/03/09	<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-14	12/11/08	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186
MW-14	12/03/09	<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-15	12/11/08	<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-15	12/03/09	<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	12/11/08	<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	12/03/09	<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

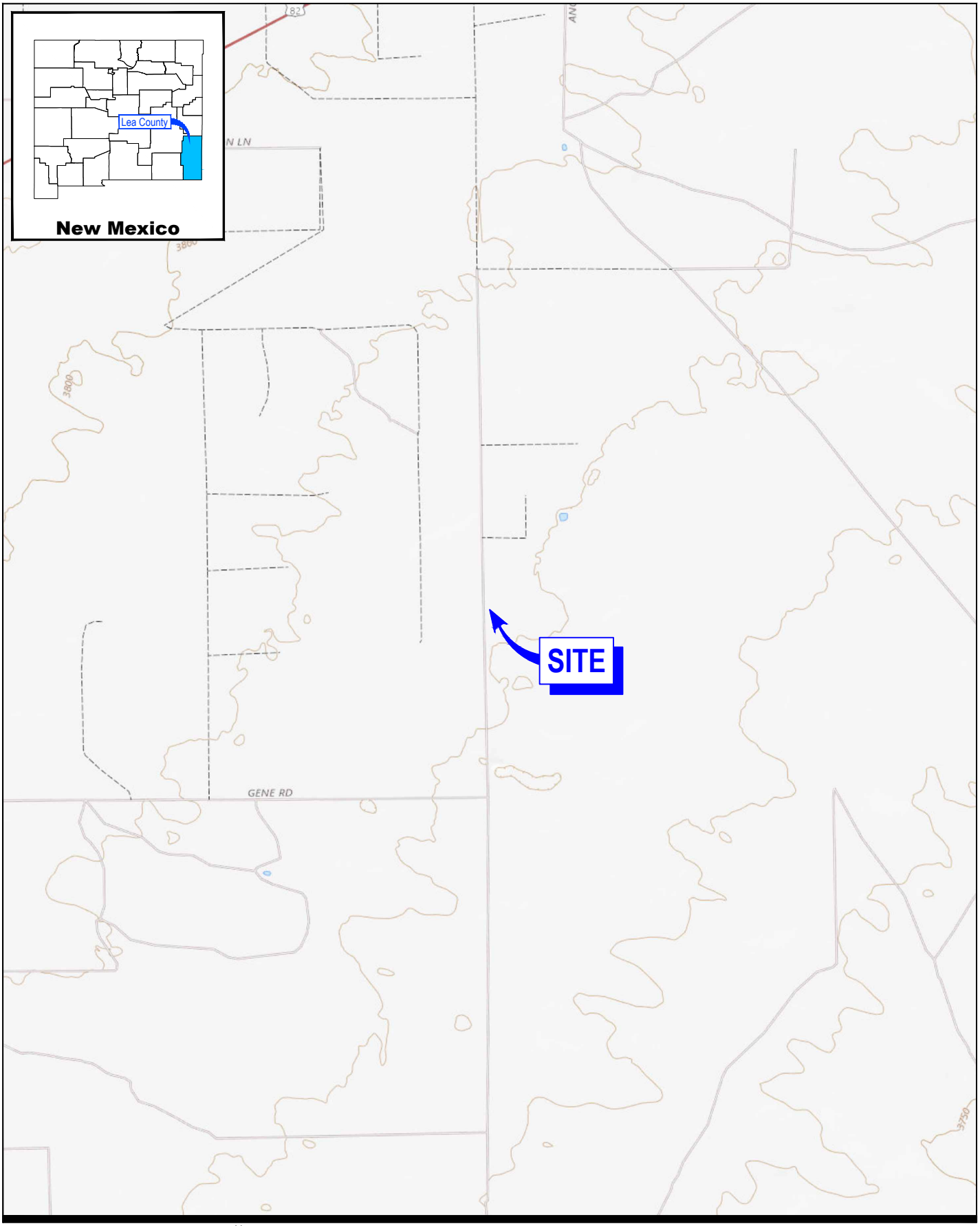
Table 3

Summary of PAH Analytical Results
Plains All American Pipeline, L.P.
Denton Station
SRS No. 2003-00338
Lea County, New Mexico
NMOCD Incident No. nAPP2108927757

Monitoring Well ID	Sample Date	Anthracene	Pyrene	Dibenzofuran	Benzo(g,h,i)perylene	Indeno(1,2,3-cd)pyrene	Benzo(b)fluoranthene	Fluoranthene	Benzo(k)fluoranthene	Acenaphthylene	Chrysene	Benzo(a)pyrene	Benzo(a)anthracene	Acenaphthene	Phenanthrene	Fluorene	1-Methylnaphthalene	Naphthalene	2-Methylnaphthalene
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards		**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.0002**	**0.001**	**0.001**	**0.001**	**0.001**	**0.03**	**0.03**	**0.03**
MW-17	12/11/08	<0.000922	<0.000922	**0.0437**	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.113**	**0.0694**	**0.888**	**0.398**	**1.24**
MW-17	12/03/09	<0.000922	<0.000922	**0.0444**	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.102**	**0.0709**	**0.704**	**0.27**	**0.946**
MW-17	11/30/18	0.000238	0.000112	**0.00126**	0.00000925 J	<0.0000148	0.0000148 J	<0.0000157	<0.0000136	<0.000012	0.0000284 J	<0.0000116	<0.0000041	0.000138	**0.00147**	**0.00103**	**0.0344**	**0.045**	**0.0401**
MW-17	10/23/19	0.00038	0.000174	**0.00186**	0.0000143 J	<0.0000148	0.0000211 J	0.0000518	<0.0000136	<0.000012	0.0000639	0.0000125 J	<0.0000041	0.000463	**0.00223**	**0.00168**	**0.0501**	**0.0682**	**0.0576**
MW-17	10/30/20	<0.000019	<0.0000169	**0.00156**	<0.0000184	<0.0000158	<0.0000168	0.0001 J	<0.0000202	<0.0000171	0.000132	<0.0000184	0.000193	0.000631	**0.00334**	**0.00173**	0.03	**0.0366**	**0.0341**
MW-17	11/08/21	<0.000019	0.0000224 J	**0.00156**	<0.0000184	<0.0000158	<0.0000168	<0.000027	<0.0000202	<0.0000171	<0.0000179	<0.0000184	<0.0000203	0.000404	**0.00208**	**0.00117**	**0.0322**	**0.0477**	**0.0367**
MW-17	11/11/22	<0.0000191	0.0000454 J	0.000886	<0.0000184	<0.0000159	0.0000194 J	0.0000617 J	<0.0000203	<0.0000171	0.000085	<0.0000184	<0.0000203	0.000344	**0.00184**	0.000966	0.0145	0.0151	0.0142
MW-17	11/07/23	0.0000657	<0.00005	0.000595	<0.00005	<0.00005	<0.00005	<0.0001	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.0002	0.000502	0.000478	0.00421	0.00563	0.00303
MW-17	11/07/24	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-18	10/30/20	<0.000019	<0.0000169	<0.0000191	<0.0000184	<0.0000158	<0.0000168	<0.000027	<0.0000202	<0.0000171	<0.0000179	<0.0000184	<0.0000203	<0.000019	<0.000018	<0.0000169	<0.0000687	<0.0000917	<0.0000674
MW-18	11/08/21	<0.000019	<0.0000169	<0.0000191	<0.0000184	<0.0000158	<0.0000168	<0.000027	<0.0000202	<0.0000171	<0.0000179	<0.0000184	<0.0000203	<0.000019	<0.000018	<0.0000169	<0.0000687	<0.0000917	<0.0000674
MW-19	10/30/20	<0.000019	<0.0000169	<0.0000191	<0.0000184	<0.0000158	<0.0000168	<0.000027	<0.0000202	<0.0000171	<0.0000179	<0.0000184	<0.0000203	<0.000019	<0.000018	<0.0000169	<0.0000687	<0.0000917	<0.0000674
MW-19	11/08/21	<0.000019	<0.0000169	<0.0000191	<0.0000184	<0.0000158	<0.0000168	<0.000027	<0.0000202	<0.0000171	<0.0000179	<0.0000184	<0.0000203	<0.000019	<0.000018	<0.0000169	<0.0000687	<0.0000917	<0.0000674
MW-20	10/30/20	<0.000019	<0.0000169	<0.0000191	<0.0000184	<0.0000158	<0.0000168	<0.000027	<0.0000202	<0.0000171	<0.0000179	<0.0000184	<0.0000203	<0.000019	<0.000018	<0.0000169	<0.0000687	<0.0000917	<0.0000674
MW-20	11/08/21	<0.000019	<0.0000169	<0.0000191	<0.0000184	<0.0000158	<0.0000168	<0.000027	<0.0000202	<0.0000171	<0.0000179	<0.0000184	<0.0000203	<0.000019	<0.000018	<0.0000169	<0.0000687	<0.0000917	<0.0000674
WW-1	12/11/08	<0.000922	<0.000922	**0.027**	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.122**	**0.0757**	**0.934**	**0.382**	**1.38**
WW-1	12/03/09	<0.000183	<0.000183	**0.00423**	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.011**	**0.00792**	**0.0772**	**0.0355**	**0.105**

Notes:

1. Analytical results are presented in milligrams per liter (mg/L)
2. All dates are in the format: MM/DD/YY
3. Shaded and bolded results indicates results exceeding their respective New Mexico Water Quality Control Commission (NMWCC) Human Health Standards limits
4. <: Analyte was not detected at or above the laboratory reporting limit
5. J: Concentration is less than the quantitation limit and is an estimated value
6. -: Not Analyzed
7. Dry: No fluid column measured in corresponding monitoring or recovery well
8. LNAPL: Light Non-Aqueous Phase Liquids



PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DENTON STATION
NMOCD 1RP-0234

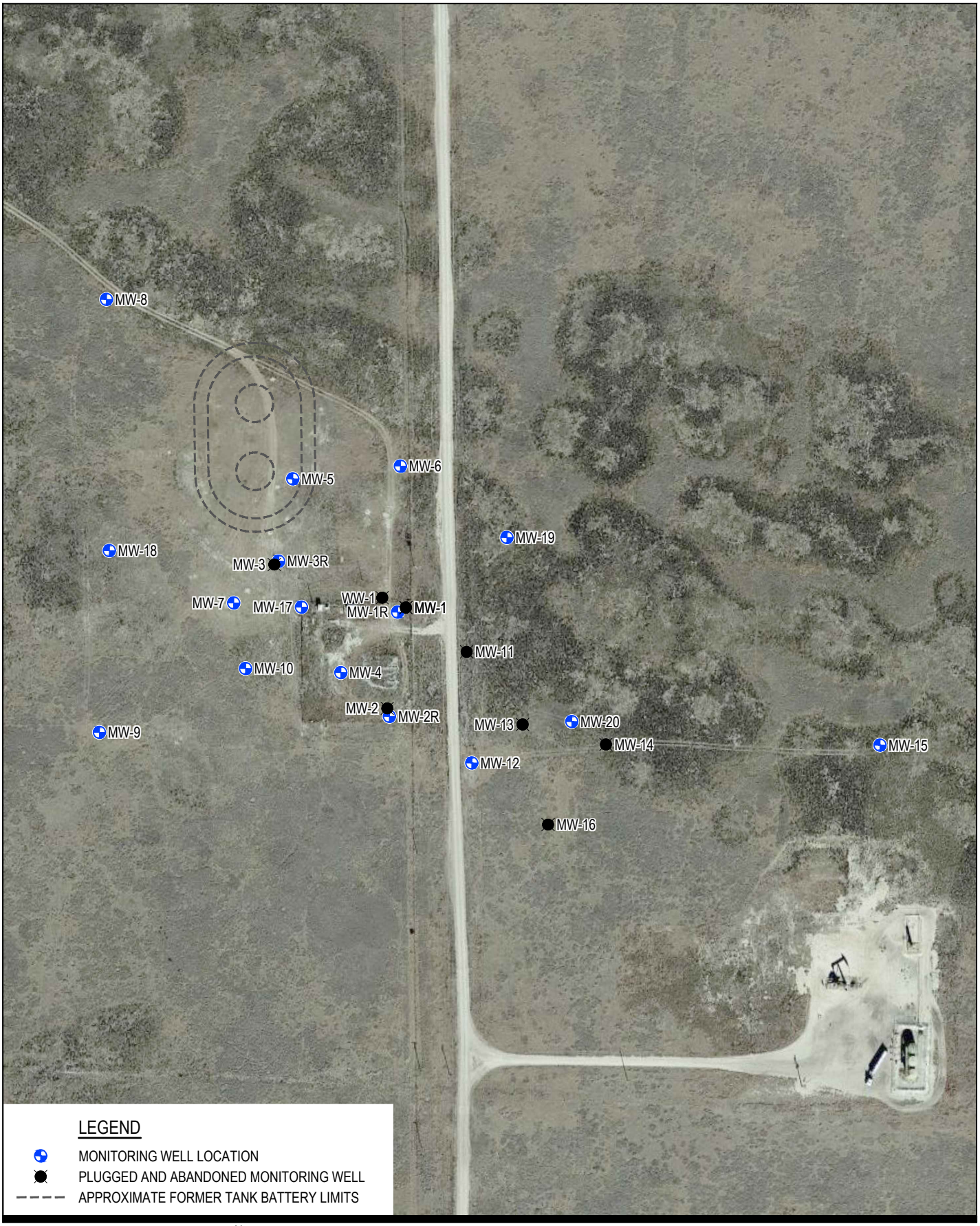
Project No. **12604436**
Date **May 2024**

SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604436\Digital_Design\ACAD\Figures\GWR 2024\12604436-GHD-00-00-RPT-EN-D101_DL-2023.dwg
Plot Date: 21 May 2024 10:40 AM

Data Source: USGS 7.5 Minute Quad "Prairieview, New Mexico"
Lat/Long: 33.0175° North, 103.1624° West



0 100 200 ft

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

N

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DENTON STATION
NMOCD 1RP-0234

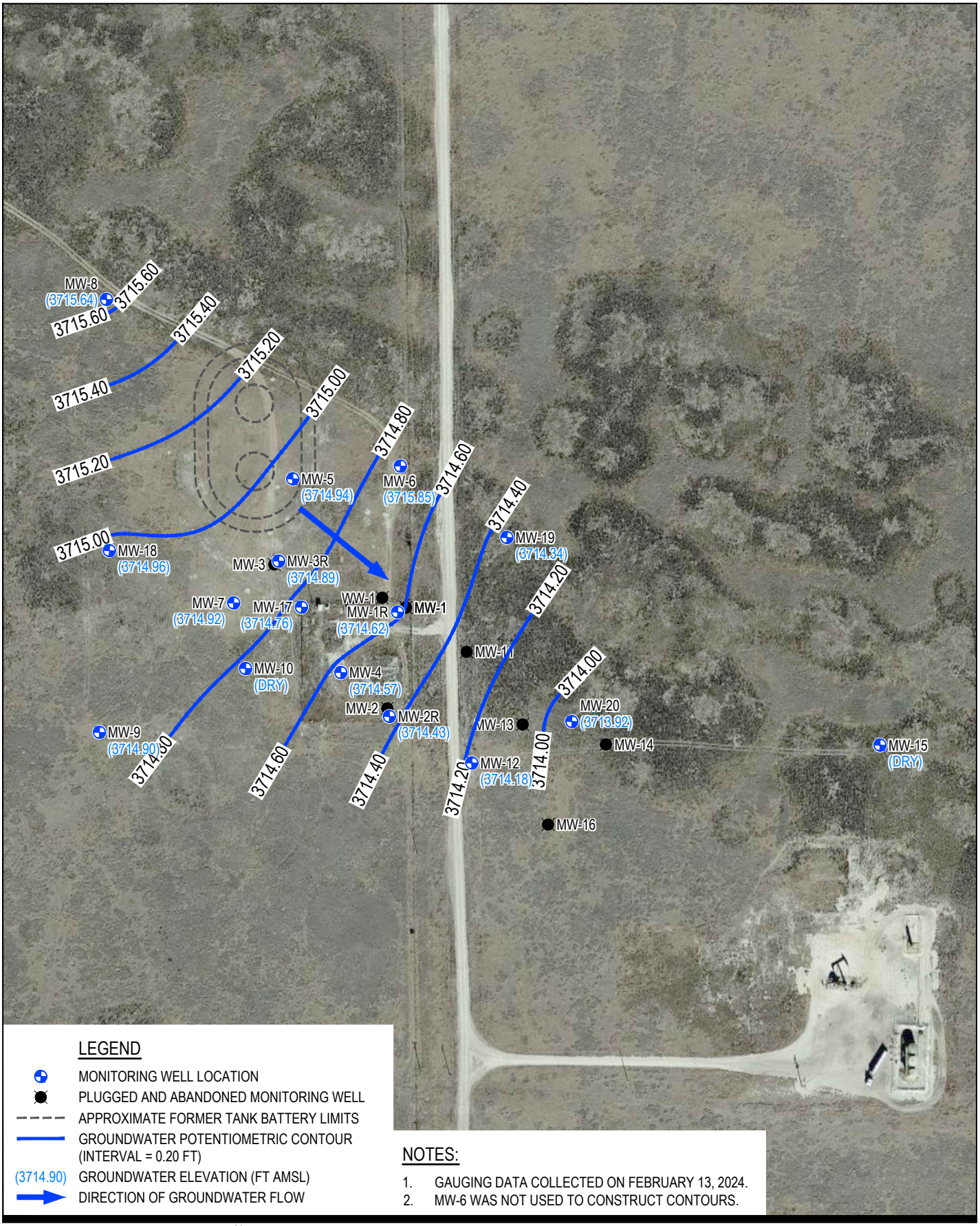
Project No. **12604436**
Date **May 2024**

SITE DETAILS MAP

FIGURE 2

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604436\Digital_Design\ACAD\Figures\GWR 2024\12604436-GHD-00-00-RPT-EN-D101_DL-2023.dwg
Plot Date: 21 May 2024 10:40 AM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0175° North, 103.1624° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- APPROXIMATE FORMER TANK BATTERY LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.20 FT)
- (3714.90) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTES:

1. GAUGING DATA COLLECTED ON FEBRUARY 13, 2024.
2. MW-6 WAS NOT USED TO CONSTRUCT CONTOURS.

0 100 200 ft

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

N

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LEA COUNTY, NEW MEXICO
DENTON STATION
NMOCD 1RP-0234

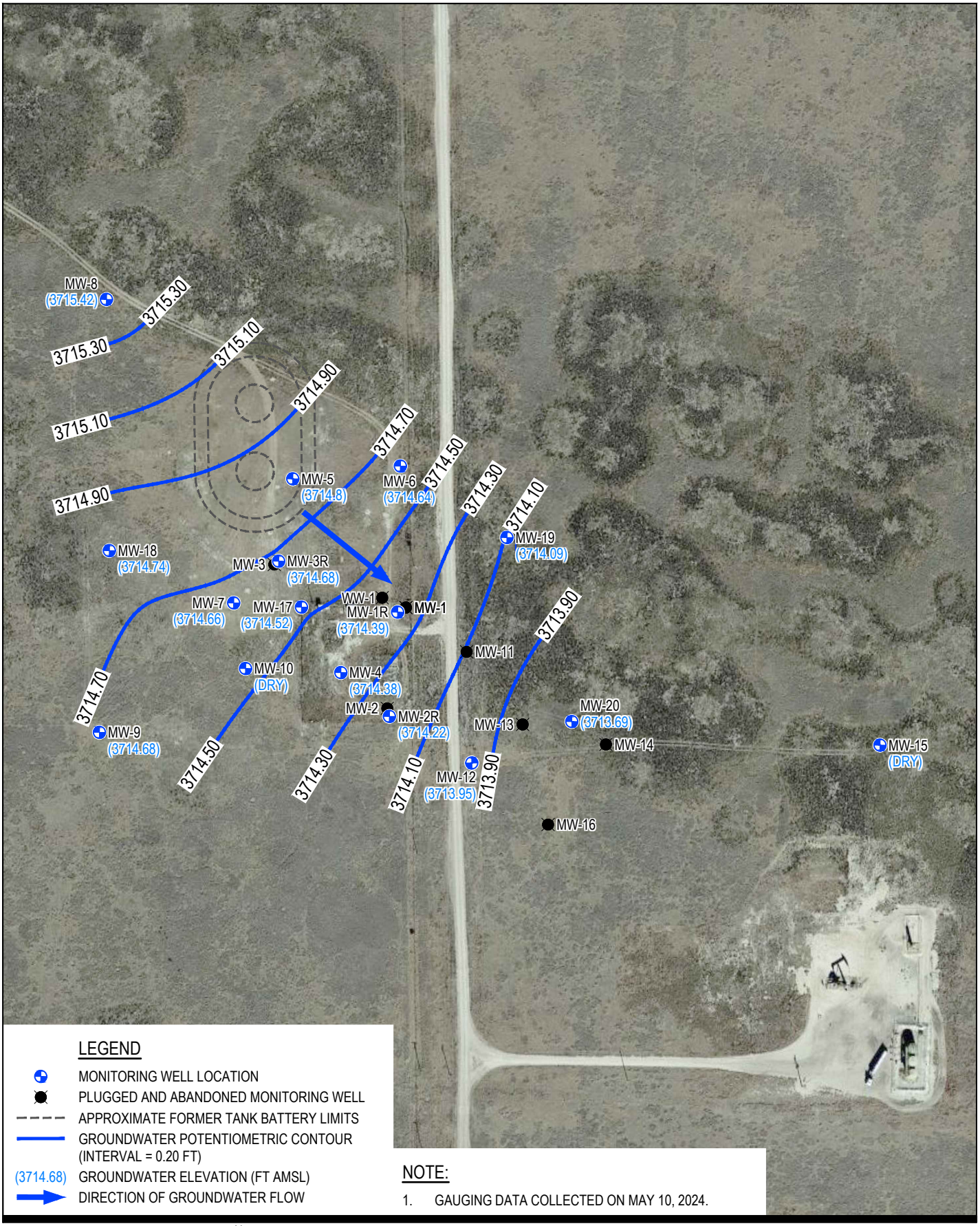
POTENTIOMETRIC SURFACE MAP
(FEBRUARY 2024)

Project No. **12604436**
Date **September 2024**

FIGURE 3

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604436\Digital_Design\ACAD\Figures\GWR 2024\12604436-GHD-00-00-RPT-EN-D101_DL-2024.dwg
Plot Date: 27 September 2024 3:01 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0175° North, 103.1624° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- APPROXIMATE FORMER TANK BATTERY LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.20 FT)
- (3714.68) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. GAUGING DATA COLLECTED ON MAY 10, 2024.

0 100 200 ft

N

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

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DENTON STATION
NMOCD 1RP-0234

POTENTIOMETRIC SURFACE MAP
(MAY 2024)

Project No. **12604436**
Date **October 2024**

FIGURE 4

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604436\Digital_Design\ACAD\Figures\GWR 2024\12604436-GHD-00-00-RPT-EN-D102_DL-2024.dwg
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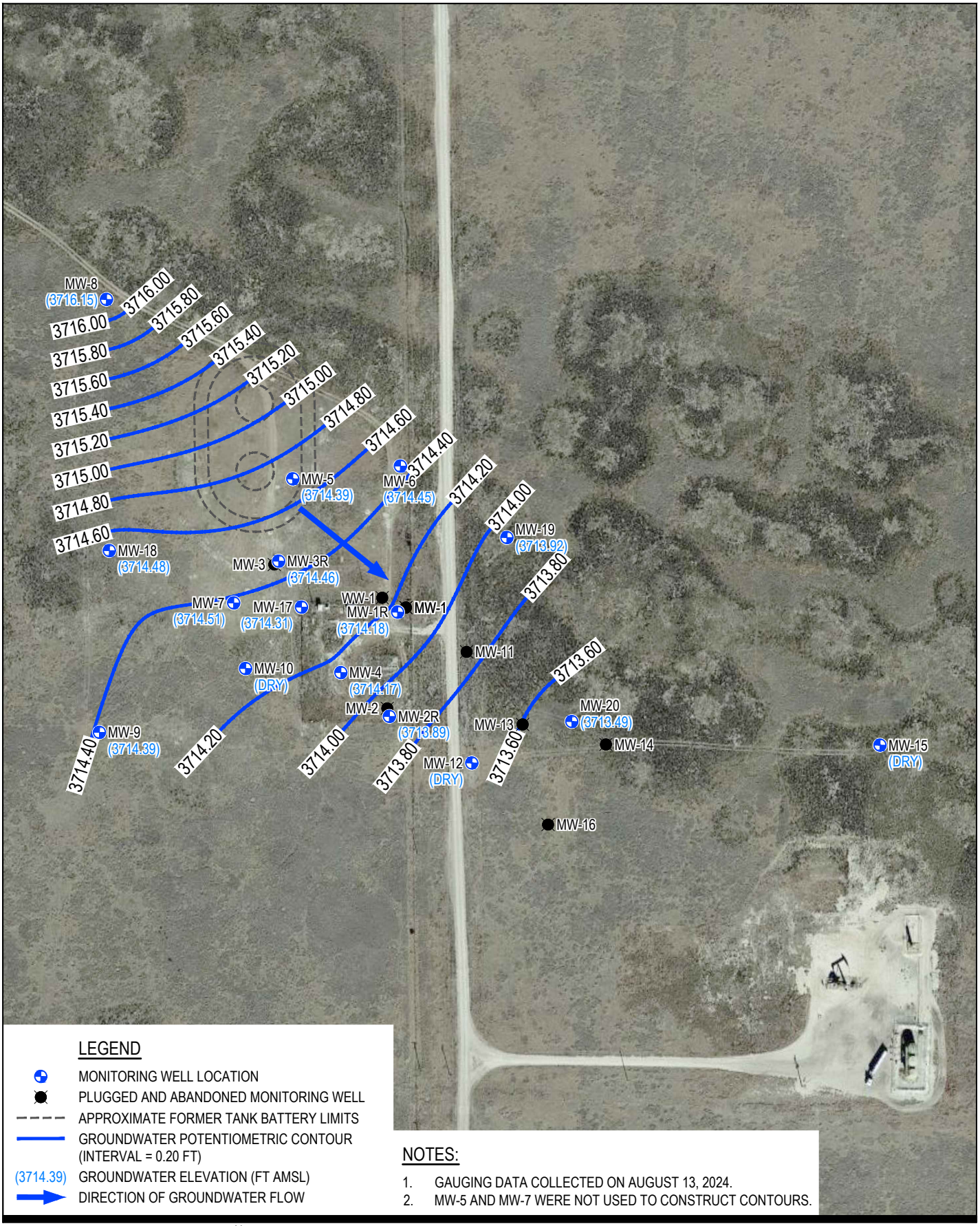
Lat/Long: 33.0175° North, 103.1624° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- APPROXIMATE FORMER TANK BATTERY LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.20 FT)
- (3714.39) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTES:

1. GAUGING DATA COLLECTED ON AUGUST 13, 2024.
2. MW-5 AND MW-7 WERE NOT USED TO CONSTRUCT CONTOURS.

0 100 200 ft

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

N

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PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DENTON STATION
NMOCD 1RP-0234

POTENTIOMETRIC SURFACE MAP
(AUGUST 2024)

Project No. **12604436**
Date **October 2024**

FIGURE 5

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604436\Digital_Design\ACAD\Figures\GWR 2024\12604436-GHD-00-00-RPT-EN-D103_DL-2024.dwg
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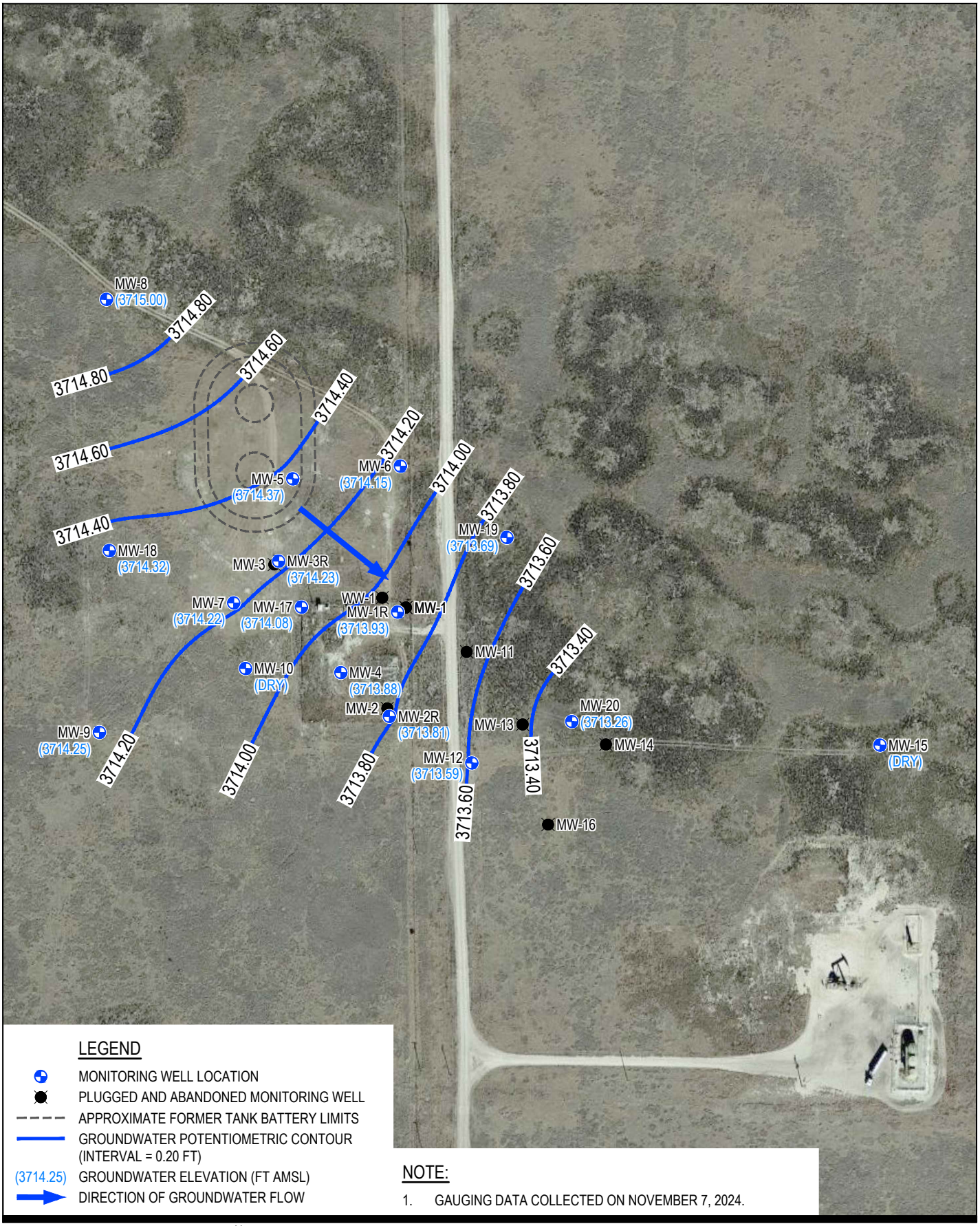
Lat/Long: 33.0175° North, 103.1624° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- APPROXIMATE FORMER TANK BATTERY LIMITS
- GROUNDWATER POTENTIOMETRIC CONTOUR (INTERVAL = 0.20 FT)
- (3714.25) GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTE:

1. GAUGING DATA COLLECTED ON NOVEMBER 7, 2024.

0 100 200 ft

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

N

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DENTON STATION
NMOCD 1RP-0234

POTENTIOMETRIC SURFACE MAP
(NOVEMBER 2024)

Project No. **12604436**
Date **December 2024**

FIGURE 6

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604436\Digital_Design\ACAD\Figures\GWR 2024\12604436-GHD-00-00-RPT-EN-D104_DL-2024.dwg
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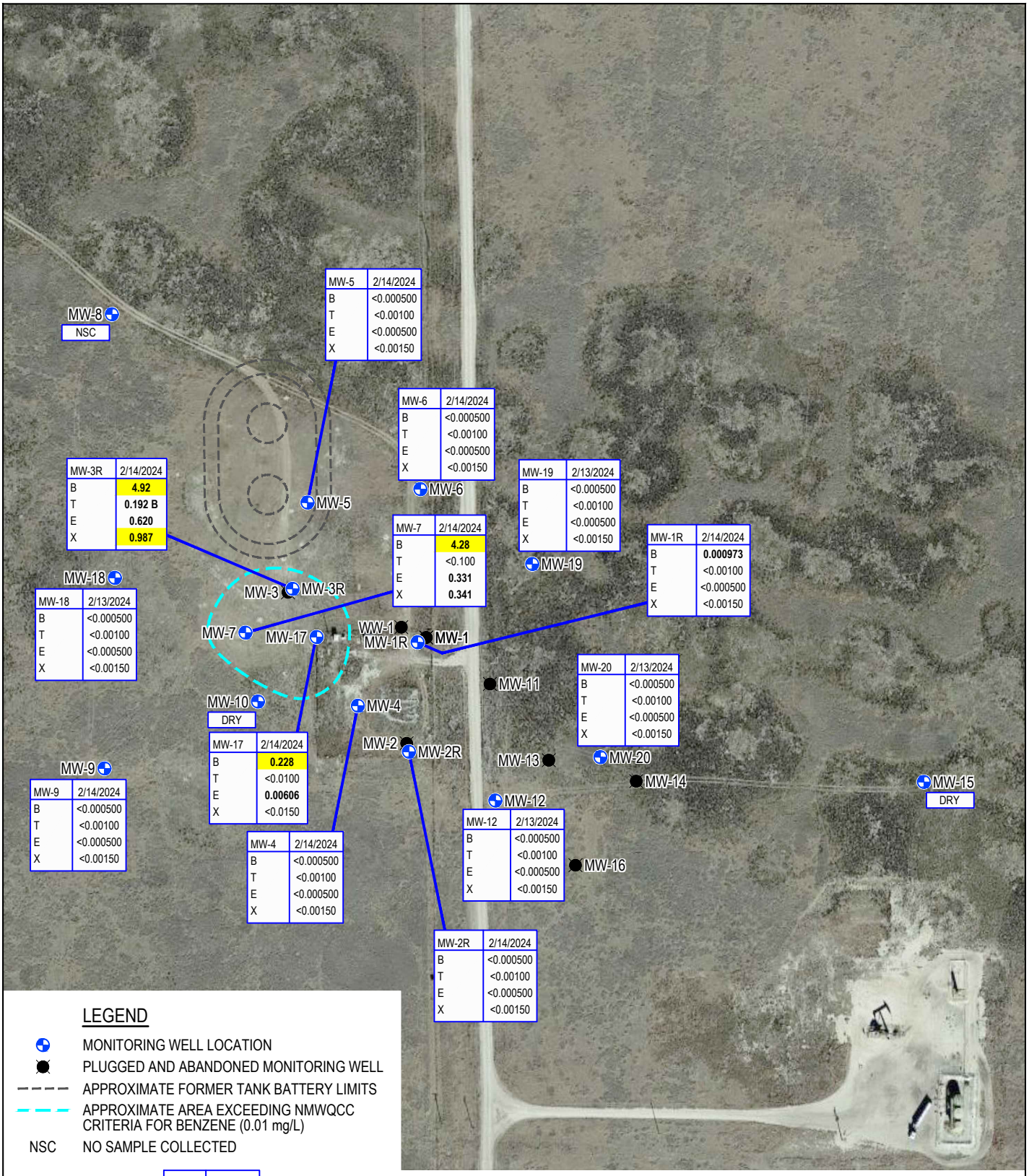

MW-5	2/14/2024
B	<0.000500
T	<0.00100
E	<0.000500
X	<0.00150

MW-6	2/14/2024
B	<0.000500
T	<0.00100
E	<0.000500
X	<0.00150

MW-3R	2/14/2024
B	**4.92**
T	**0.192 B**
E	**0.620**
X	**0.987**

MW-19	2/13/2024
B	<0.000500
T	<0.00100
E	<0.000500
X	<0.00150

MW-7	2/14/2024
B	**4.28**
T	<0.100
E	**0.331**
X	**0.341**

MW-1R	2/14/2024
B	**0.000973**
T	<0.00100
E	<0.000500
X	<0.00150

MW-18	2/13/2024
B	<0.000500
T	<0.00100
E	<0.000500
X	<0.00150

MW-17	2/14/2024
B	**0.228**
T	<0.0100
E	**0.00606**
X	<0.0150

MW-20	2/13/2024
B	<0.000500
T	<0.00100
E	<0.000500
X	<0.00150

MW-9	2/14/2024
B	<0.000500
T	<0.00100
E	<0.000500
X	<0.00150

MW-4	2/14/2024
B	<0.000500
T	<0.00100
E	<0.000500
X	<0.00150

MW-12	2/13/2024
B	<0.000500
T	<0.00100
E	<0.000500
X	<0.00150

MW-2R	2/14/2024
B	<0.000500
T	<0.00100
E	<0.000500
X	<0.00150

LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- APPROXIMATE FORMER TANK BATTERY LIMITS
- APPROXIMATE AREA EXCEEDING NMWQCC CRITERIA FOR BENZENE (0.01 mg/L)
- NSC — NO SAMPLE COLLECTED

SAMPLE LOCATION — MW-9 — DATE SAMPLED

BENZENE	B	<0.000500
TOLUENE	T	<0.00100
ETHYLBENZENE	E	<0.000500
XYLENES	X	<0.00150

RESULT (mg/L)

NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON FEBRUARY 14, 2024.
2. BOLD INDICATES LABORATORY DETECTION.
3. YELLOW SHADED CELLS INDICATE NMWQCC CRITERIA EXCEEDANCE.

0 100 200 ft

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

N

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PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DENTON STATION
NMOCD 1RP-0234

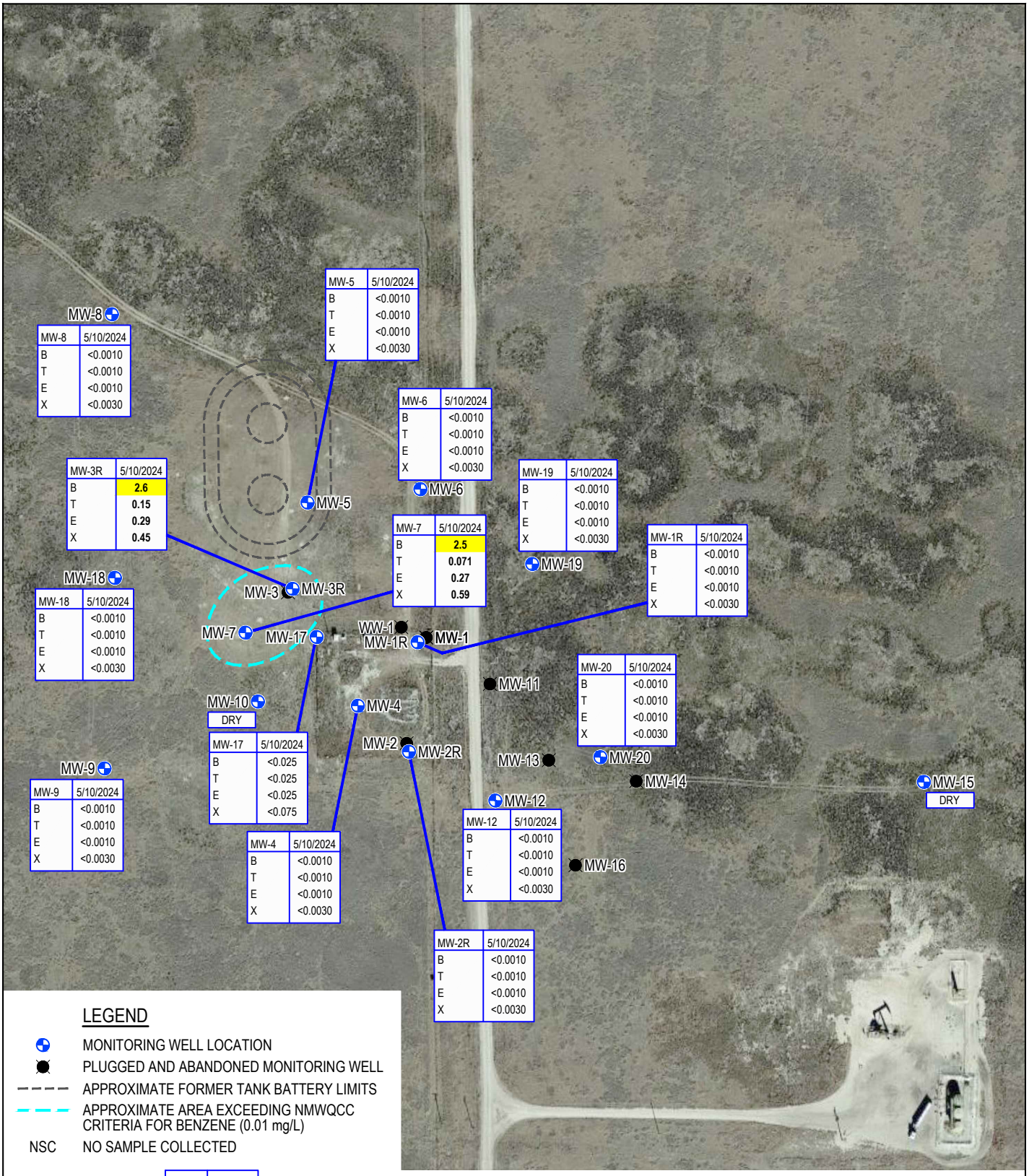
COC CONCENTRATIONS IN GROUNDWATER (FEBRUARY 2024)

Project No. **12604436**
Date **May 2024**

FIGURE 7

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604436\Digital_Design\ACAD\Figures\GWR 2024\12604436-GHD-00-00-RPT-EN-D101_DL-2024.dwg
Plot Date: 21 May 2024 2:48 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0175° North, 103.1624° West



LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- APPROXIMATE FORMER TANK BATTERY LIMITS
- APPROXIMATE AREA EXCEEDING NMWQCC CRITERIA FOR BENZENE (0.01 mg/L)
- NSC NO SAMPLE COLLECTED

SAMPLE LOCATION	MW-9	5/10/2024	DATE SAMPLED
BENZENE	B	<0.0010	RESULT (mg/L)
TOLUENE	T	<0.0010	
ETHYLBENZENE	E	<0.0010	
XYLENES	X	<0.0030	

NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON MAY 10, 2024.
2. BOLD INDICATES LABORATORY DETECTION.
3. YELLOW SHADED CELLS INDICATE NMWQCC CRITERIA EXCEEDANCE.

0 100 200 ft

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

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PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DENTON STATION
NMOCD 1RP-0234

COC CONCENTRATIONS IN GROUNDWATER (MAY 2024)

Project No. **12604436**
Date **October 2024**

FIGURE 8

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604436\Digital_Design\ACAD\Figures\GWR 2024\12604436-GHD-00-00-RPT-EN-D102_DL-2024.dwg
Plot Date: 21 October 2024 2:45 PM

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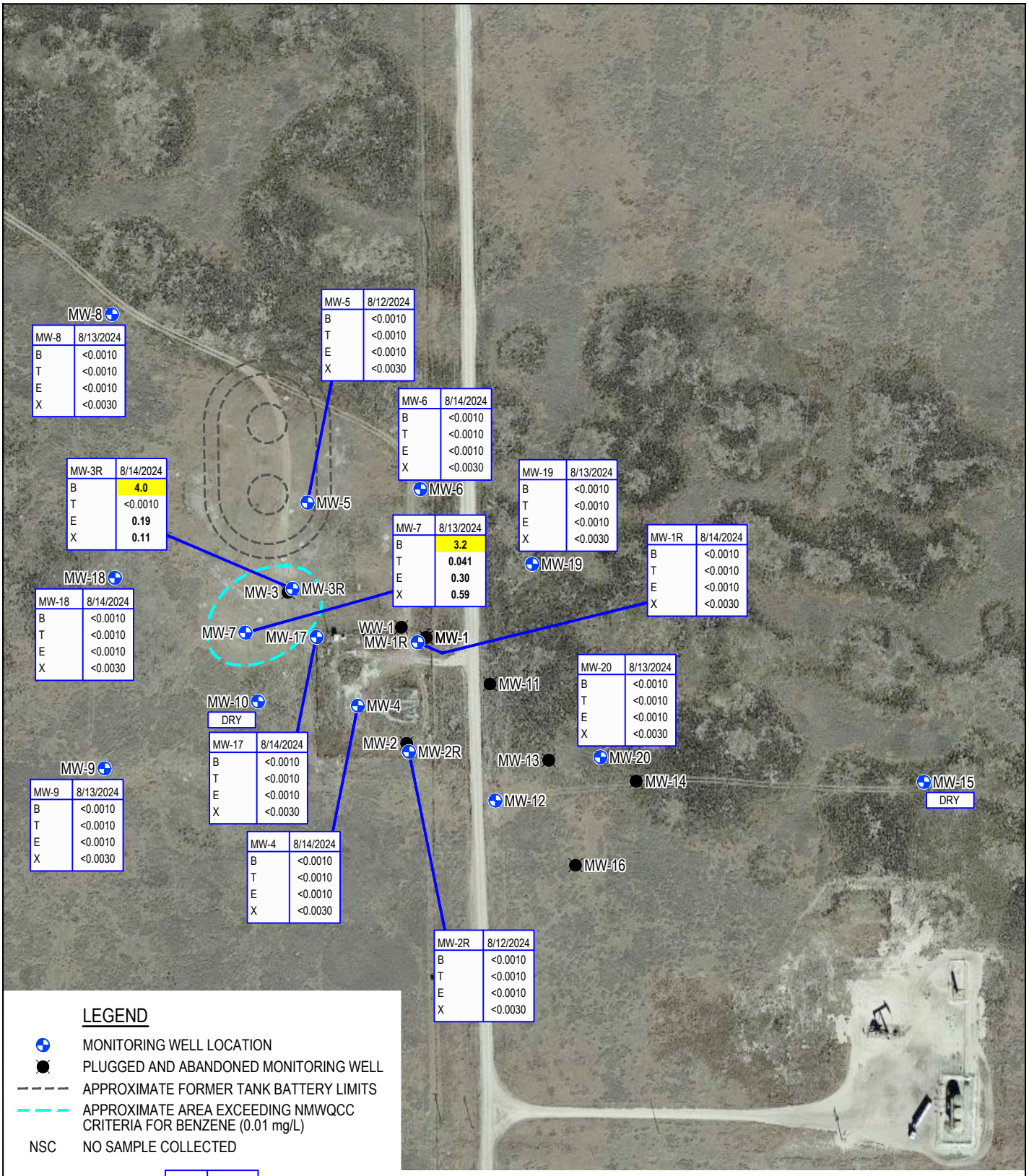

LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- APPROXIMATE FORMER TANK BATTERY LIMITS
- APPROXIMATE AREA EXCEEDING NMWQCC CRITERIA FOR BENZENE (0.01 mg/L)
- NSC — NO SAMPLE COLLECTED

SAMPLE LOCATION	MW-9	8/13/2024	DATE SAMPLED
BENZENE	B	<0.0010	RESULT (mg/L)
TOLUENE	T	<0.0010	
ETHYLBENZENE	E	<0.0010	
XYLENES	X	<0.0030	

NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON AUGUST 12-14, 2024.
2. BOLD INDICATES LABORATORY DETECTION.
3. YELLOW SHADED CELLS INDICATE NMWQCC CRITERIA EXCEEDANCE.

0 100 200 ft

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

N

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PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DENTON STATION
NMOCD 1RP-0234

COC CONCENTRATIONS IN GROUNDWATER (AUGUST 2024)

Project No. **12604436**
Date **October 2024**

FIGURE 9

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604436\Digital_Design\ACAD\Figures\GWR 2024\12604436-GHD-00-00-RPT-EN-D103_DL-2024.dwg
Plot Date: 21 October 2024 3:53 PM

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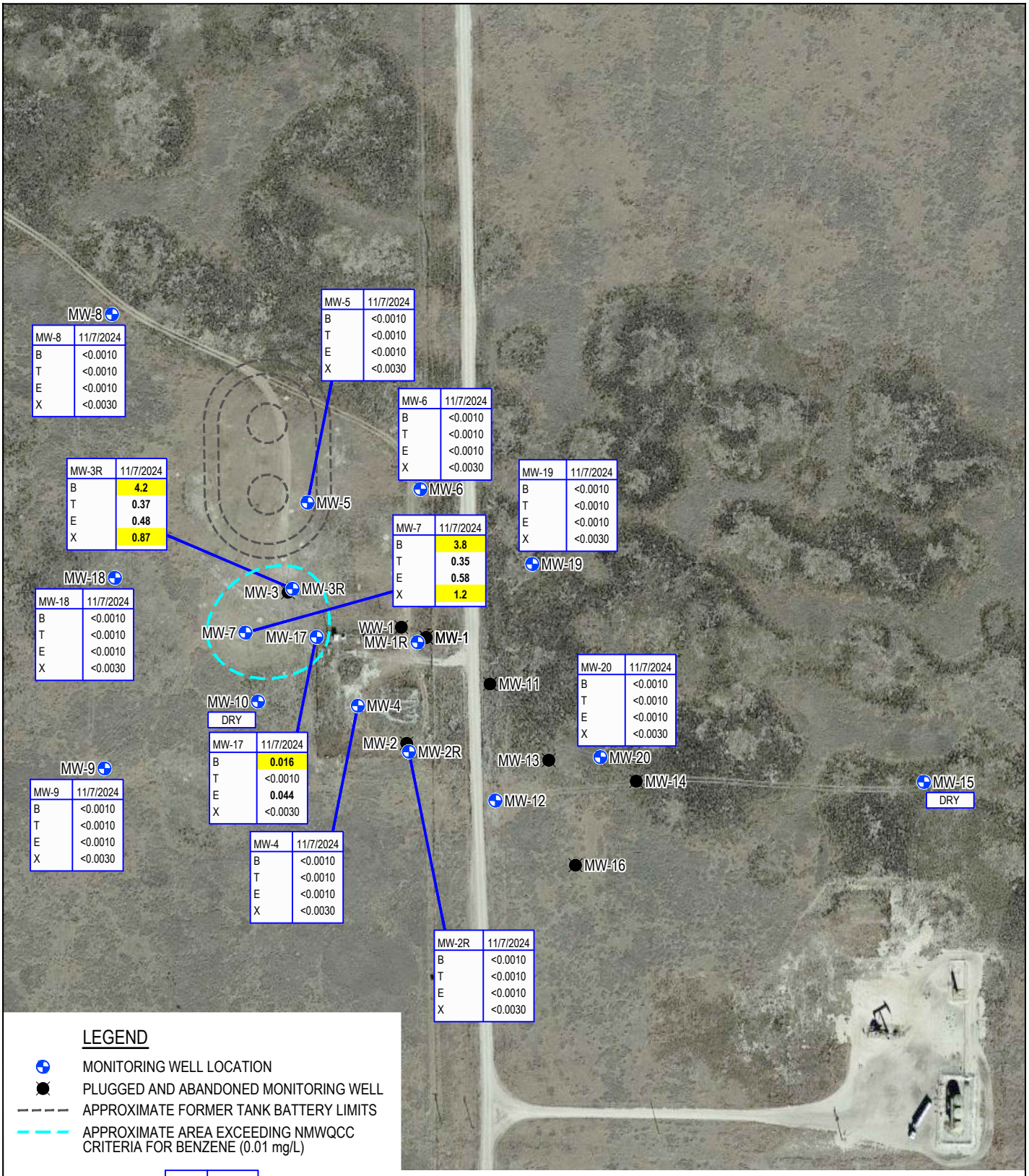


LEGEND

- MONITORING WELL LOCATION
- PLUGGED AND ABANDONED MONITORING WELL
- APPROXIMATE FORMER TANK BATTERY LIMITS
- APPROXIMATE AREA EXCEEDING NMWQCC CRITERIA FOR BENZENE (0.01 mg/L)

SAMPLE LOCATION	MW-9	11/7/2024	DATE SAMPLED
BENZENE	B	<0.0010	RESULT (mg/L)
TOLUENE	T	<0.0010	
ETHYLBENZENE	E	<0.0010	
XYLENES	X	<0.0030	

NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON NOVEMBER 7, 2024.
2. BOLD INDICATES LABORATORY DETECTION.
3. YELLOW SHADED CELLS INDICATE NMWQCC CRITERIA EXCEEDANCE.

0 100 200 ft

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

N

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DENTON STATION
NMOCD 1RP-0234

COC CONCENTRATIONS IN GROUNDWATER (NOVEMBER 2024)

Project No. **12604436**
Date **December 2024**

FIGURE 10

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604436\Digital_Design\ACAD\Figures\GWR 2024\12604436-GHD-00-00-RPT-EN-D104_DL-2024.dwg
Plot Date: 13 December 2024 1:13 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0175° North, 103.1624° West

Appendices

Appendix A

Certified Laboratory Analytical Reports

Pace Analytical®

ANALYTICAL REPORT

February 26, 2024

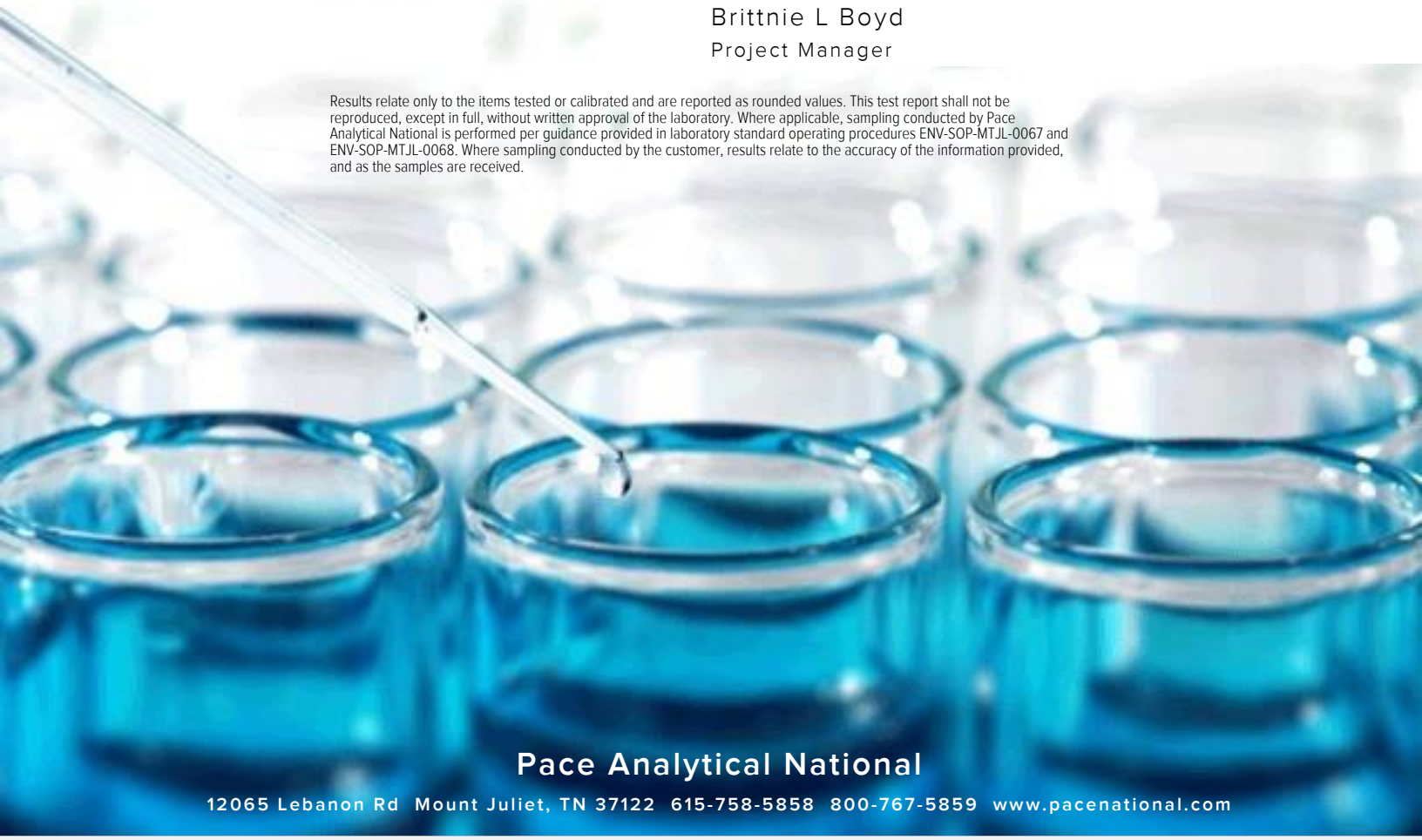
Plains All American, LP - GHD

Sample Delivery Group:	L1707098
Samples Received:	02/17/2024
Project Number:	SRS2003-00338
Description:	Denton Station
Site:	2024 QUARTERLY GROUNDWATER MON
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

DS-MW-19-021324 L1707098-01 GW

Collected by: Hector Orosco | Collected date/time: 02/13/24 11:45 | 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	WG2232436	1	02/23/24 14:33	02/23/24 14:33	JAH	Mt. Juliet, TN

DS-MW-20-021324 L1707098-02 GW

Collected by: Hector Orosco | Collected date/time: 02/13/24 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	WG2232436	1	02/23/24 14:56	02/23/24 14:56	JAH	Mt. Juliet, TN

DS-MW-12-021324 L1707098-03 GW

Collected by: Hector Orosco | Collected date/time: 02/13/24 12:15 | 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	WG2232436	1	02/23/24 15:19	02/23/24 15:19	JAH	Mt. Juliet, TN

DS-MW-18-021324 L1707098-04 GW

Collected by: Hector Orosco | Collected date/time: 02/13/24 13:40 | 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	WG2232436	1	02/23/24 15:42	02/23/24 15:42	JAH	Mt. Juliet, TN

DS-MW-5-021424 L1707098-05 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 10:10 | 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	WG2232436	1	02/23/24 16:04	02/23/24 16:04	JAH	Mt. Juliet, TN

DS-MW-9-021424 L1707098-06 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 10:30 | 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	WG2232436	1	02/23/24 16:27	02/23/24 16:27	JAH	Mt. Juliet, TN

DS-MW-2R-021424 L1707098-07 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 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	WG2232436	1	02/23/24 16:50	02/23/24 16:50	JAH	Mt. Juliet, TN

DS-MW-4-021424 L1707098-08 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 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	WG2232436	1	02/23/24 17:12	02/23/24 17:12	JAH	Mt. Juliet, TN

DS-MW-1R-021424 L1707098-09 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 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	WG2232436	1	02/23/24 17:35	02/23/24 17:35	JAH	Mt. Juliet, TN

DS-MW-6-021424 L1707098-10 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 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	WG2232436	1	02/23/24 17:58	02/23/24 17:58	JAH	Mt. Juliet, TN

DS-MW-3R-021424 L1707098-11 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 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	WG2232436	100	02/23/24 19:28	02/23/24 19:28	JAH	Mt. Juliet, TN

DS-MW-17-021424 L1707098-12 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 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	WG2232436	10	02/23/24 19:51	02/23/24 19:51	JAH	Mt. Juliet, TN

DS-MW-7-021424 L1707098-13 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 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	WG2232436	100	02/23/24 20:14	02/23/24 20:14	JAH	Mt. Juliet, TN

DS-DUPE1-021424 L1707098-14 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 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	WG2232436	10	02/23/24 20:37	02/23/24 20:37	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG2233850	100	02/26/24 12:56	02/26/24 12:56	JAH	Mt. Juliet, TN

DS-DUPE2-021424 L1707098-15 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 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	WG2233850	5	02/26/24 12:33	02/26/24 12:33	JAH	Mt. Juliet, TN

TRIP BLANK L1707098-16 GW

Collected by: Hector Orosco | Collected date/time: 02/14/24 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	WG2232436	1	02/23/24 11:54	02/23/24 11:54	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
L1707098-03	DS-MW-12-021324	8021B
L1707098-13	DS-MW-7-021424	8021B

DS-MW-19-021324
Collected date/time: 02/13/24 11:45
L1707098

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 14:33	WG2232436
Toluene	ND		0.00100	1	02/23/2024 14:33	WG2232436
Ethylbenzene	ND		0.000500	1	02/23/2024 14:33	WG2232436
Total Xylene	ND		0.00150	1	02/23/2024 14:33	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*105*		*79.0-125*		*02/23/2024 14:33*	WG2232436

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 14:56	WG2232436
Toluene	ND		0.00100	1	02/23/2024 14:56	WG2232436
Ethylbenzene	ND		0.000500	1	02/23/2024 14:56	WG2232436
Total Xylene	ND		0.00150	1	02/23/2024 14:56	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*105*		*79.0-125*		*02/23/2024 14:56*	WG2232436

DS-MW-12-021324
Collected date/time: 02/13/24 12:15
L1707098

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 15:19	WG2232436
Toluene	ND		0.00100	1	02/23/2024 15:19	WG2232436
Ethylbenzene	ND		0.000500	1	02/23/2024 15:19	WG2232436
Total Xylene	ND		0.00150	1	02/23/2024 15:19	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 15:19*	WG2232436

DS-MW-18-021324
Collected date/time: 02/13/24 13:40
L1707098

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 15:42	WG2232436
Toluene	ND		0.00100	1	02/23/2024 15:42	WG2232436
Ethylbenzene	ND		0.000500	1	02/23/2024 15:42	WG2232436
Total Xylene	ND		0.00150	1	02/23/2024 15:42	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*105*		*79.0-125*		*02/23/2024 15:42*	WG2232436

DS-MW-3-021424
Collected date/time: 02/14/24 10:10
L1707098

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 16:04	WG2232436
Toluene	ND		0.00100	1	02/23/2024 16:04	WG2232436
Ethylbenzene	ND		0.000500	1	02/23/2024 16:04	WG2232436
Total Xylene	ND		0.00150	1	02/23/2024 16:04	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*102*		*79.0-125*		*02/23/2024 16:04*	WG2232436

DS-MW-9-021424
Collected date/time: 02/14/24 10:30
L1707098

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 16:27	WG2232436
Toluene	ND		0.00100	1	02/23/2024 16:27	WG2232436
Ethylbenzene	ND		0.000500	1	02/23/2024 16:27	WG2232436
Total Xylene	ND		0.00150	1	02/23/2024 16:27	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 16:27*	WG2232436

DS-MW-2R-021424
Collected date/time: 02/14/24 11:00
L1707098

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 16:50	WG2232436
Toluene	ND		0.00100	1	02/23/2024 16:50	WG2232436
Ethylbenzene	ND		0.000500	1	02/23/2024 16:50	WG2232436
Total Xylene	ND		0.00150	1	02/23/2024 16:50	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 16:50*	WG2232436

DS-MW-1-021424
Collected date/time: 02/14/24 11:30
L1707098

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 17:12	WG2232436
Toluene	ND		0.00100	1	02/23/2024 17:12	WG2232436
Ethylbenzene	ND		0.000500	1	02/23/2024 17:12	WG2232436
Total Xylene	ND		0.00150	1	02/23/2024 17:12	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 17:12*	WG2232436

DS-MW-IR-021424
Collected date/time: 02/14/24 12:00
L1707098

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000973		0.000500	1	02/23/2024 17:35	WG2232436
Toluene	ND		0.00100	1	02/23/2024 17:35	WG2232436
Ethylbenzene	ND		0.000500	1	02/23/2024 17:35	WG2232436
Total Xylene	ND		0.00150	1	02/23/2024 17:35	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*102*		*79.0-125*		*02/23/2024 17:35*	WG2232436

DS-MW-6-021424
Collected date/time: 02/14/24 12:30
L1707098

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 17:58	WG2232436
Toluene	ND		0.00100	1	02/23/2024 17:58	WG2232436
Ethylbenzene	ND		0.000500	1	02/23/2024 17:58	WG2232436
Total Xylene	ND		0.00150	1	02/23/2024 17:58	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 17:58*	WG2232436

DS-MW-SR-021424
Collected date/time: 02/14/24 13:00
L1707098

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	4.92		0.0500	100	02/23/2024 19:28	WG2232436
Toluene	0.192	B	0.100	100	02/23/2024 19:28	WG2232436
Ethylbenzene	0.620		0.0500	100	02/23/2024 19:28	WG2232436
Total Xylene	0.987		0.150	100	02/23/2024 19:28	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*104*		*79.0-125*		*02/23/2024 19:28*	WG2232436

DS-MW-17-021424
Collected date/time: 02/14/24 13:30
L1707098

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.228		0.00500	10	02/23/2024 19:51	WG2232436
Toluene	ND		0.0100	10	02/23/2024 19:51	WG2232436
Ethylbenzene	0.00606		0.00500	10	02/23/2024 19:51	WG2232436
Total Xylene	ND		0.0150	10	02/23/2024 19:51	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*102*		*79.0-125*		*02/23/2024 19:51*	WG2232436

DS-MW-7-021424
Collected date/time: 02/14/24 14:00
L1707098

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	4.28		0.0500	100	02/23/2024 20:14	WG2232436
Toluene	ND		0.100	100	02/23/2024 20:14	WG2232436
Ethylbenzene	0.331		0.0500	100	02/23/2024 20:14	WG2232436
Total Xylene	0.341		0.150	100	02/23/2024 20:14	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*103*		*79.0-125*		*02/23/2024 20:14*	WG2232436

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	3.64		0.0500	100	02/26/2024 12:56	WG2233850
Toluene	ND		0.0100	10	02/23/2024 20:37	WG2232436
Ethylbenzene	0.578		0.00500	10	02/23/2024 20:37	WG2232436
Total Xylene	0.413		0.0150	10	02/23/2024 20:37	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*103*		*79.0-125*		*02/23/2024 20:37*	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*89.5*		*79.0-125*		*02/26/2024 12:56*	WG2233850

DS-DUPE2-021424
Collected date/time: 02/14/24 00:00
L1707098

Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.213		0.00250	5	02/26/2024 12:33	WG2233850
Toluene	ND		0.00500	5	02/26/2024 12:33	WG2233850
Ethylbenzene	0.00443		0.00250	5	02/26/2024 12:33	WG2233850
Total Xylene	ND		0.00750	5	02/26/2024 12:33	WG2233850
(S) a,a,a-Trifluorotoluene(PID)	*89.0*		*79.0-125*		*02/26/2024 12:33*	WG2233850

TRIP BLANK
Collected date/time: 02/14/24 00:00
L1707098

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 11:54	WG2232436
Toluene	ND		0.00100	1	02/23/2024 11:54	WG2232436
Ethylbenzene	ND		0.000500	1	02/23/2024 11:54	WG2232436
Total Xylene	ND		0.00150	1	02/23/2024 11:54	WG2232436
(S) a,a,a-Trifluorotoluene(PID)	*105*		*79.0-125*		*02/23/2024 11:54*	WG2232436

Method Blank (MB)

(MB) R4037601-4 02/23/24 10:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	0.000635	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) R4037601-1 02/23/24 09:27

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0536	107	77.0-122	
Toluene	0.0500	0.0494	98.8	80.0-121	
Ethylbenzene	0.0500	0.0566	113	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) R4038302-3 02/26/24 12:10

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)	*91.3*			*79.0-125*

Laboratory Control Sample (LCS)

(LCS) R4038302-2 02/26/24 11:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0466	93.2	77.0-122	
Toluene	0.0500	0.0419	83.8	80.0-121	
Ethylbenzene	0.0500	0.0473	94.6	80.0-123	
Total Xylene	0.150	0.146	97.3	47.0-154	
(S) a,a,a-Trifluorotoluene(PID)			*89.3*	*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
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

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

2135 S Loop 250 W
Midland, TX 79703

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

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # 170798

H207

Acctnum: **PLAINSGHD**
Template: **T223530**
Prelogin: **P1050383**
PM: **829 - Brittnie L Boyd**
PB:
Shipped Via:

Report to: **Adrianna Copeland**

Email To: **adrianna.copeland@ghd.com;Simon.Kozik@ghd**

Project Description: **Denton Station**

City/State Collected: **Lea County, NM**

Please Circle: PT (MT) CT ET

Phone: **281-615-3420**

Client Project # **SRS2003-00338**

Lab Project # **PLAINSGHD-200300338**

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

Site/Facility ID # **2024 QUARTERLY**

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
DS-MW-19-021324		GW		02-13-24	11:45	3	✓		-01
DS-MW-20-021324		GW		2-13-24	12:00	3	✓		-02
DS-MW-12-021324		GW		2-13-24	12:15	3	✓		-03
DS-MW-18-021324		GW		2-13-24	13:40	3	✓		-04
DS-MW-5-021424		GW		2-14-24	10:10	3	✓		-05
DS-MW-9-021424		GW		2-14-24	10:30	3	✓		-06
DS-MW-2R-021424		GW		2-14-24	11:00	3	✓		-07
DS-MW-4-021424		GW		2-14-24	11:30	3	✓		-08
DS-MW-1R-021424		GW		2-14-24	12:00	3	✓		-09
DS-MW-6-021424		GW		2-14-24	12:30	3	✓		-10

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

Remarks:Include 1 trip blank in cooler

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 7210 2108 6321

Sample Receipt Checklist

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

	Date:	Time:		
Relinquished by: (Signature)	2-16-24	0840	Received by: (Signature)	Trip Blank Received: (Yes) / No HCD / MeoH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.4 °C Bottles Received: 45
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2/17/24 Time: 900

2 0.5 to 0.5

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

Plains All American, LP - GHD

2135 S Loop 250 W
Midland, TX 79703

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

Pres Chk

Report to: Adrianna Copeland

Email To: adrianna.copeland@ghd.com;Simon.Kozik@ghd

Project Description: Denton Station

City/State Collected: Lea County, NM

Please Circle: PT (MT) CT ET

Phone: 281-615-3420

Client Project # SRS2003-00338

Lab Project # PLAINSGHD-200300338

Collected by (print): Hector Orosco

Site/Facility ID # 2024 QUARTERLY

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 40ml Amb-HCl										
DS-MW-3R-021424		GW		2-14-24	1300	3	✓										-11
DS-MW-17-021424		GW		2-14-24	1330	3	✓										-12
DS-MW-7-021424		GW		2-14-24	1400	3	✓										-13
DS-Dupe 1-021424		GW		2-14-24		3	✓										-14
DS-Dupe 2-021424		GW		2-14-24		3	✓										-15
Trip blank		GW				1											-16
		GW															

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

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

SDG # 170798

Table #

Acctnum: PLAINSGHD
Template: T223530
Prelogin: P1050383
PM: 829 - Brittnie L Boyd
PB:

Shipped Via:

Remarks | Sample # (lab only)

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

Remarks: Include 1 trip blank in cooler

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

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

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

Trip Blank Received: Yes / (No) HCl / MeoH TBR

Temp: TLAB °C Bottles Received: 45

0540-05

Date: 2/17/24 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

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

May 17, 2024

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

Work Order: **HS24050743**

Laboratory Results for: **12604436-Denton Station**

Dear Chris Knight,

ALS Environmental received 17 sample(s) on May 11, 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: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Work Order: HS24050743

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24050743-01	D-MW-2R-05102024	Groundwater		10-May-2024 10:51	11-May-2024 10:00	☐
HS24050743-02	D-MW-5-05102024	Groundwater		10-May-2024 11:23	11-May-2024 10:00	☐
HS24050743-03	D-MW-8-05102024	Groundwater		10-May-2024 11:37	11-May-2024 10:00	☐
HS24050743-04	D-MW-9-05102024	Groundwater		10-May-2024 11:56	11-May-2024 10:00	☐
HS24050743-05	D-MW-12-05102024	Groundwater		10-May-2024 12:45	11-May-2024 10:00	☐
HS24050743-06	D-MW-18-05102024	Groundwater		10-May-2024 12:00	11-May-2024 10:00	☐
HS24050743-07	D-MW-19-05102024	Groundwater		10-May-2024 13:48	11-May-2024 10:00	☐
HS24050743-08	D-MW-20-05102024	Groundwater		10-May-2024 13:30	11-May-2024 10:00	☐
HS24050743-09	D-MW-1R-05102024	Groundwater		10-May-2024 12:23	11-May-2024 10:00	☐
HS24050743-10	D-MW-3R-05102024	Groundwater		10-May-2024 12:56	11-May-2024 10:00	☐
HS24050743-11	D-MW-4-05102024	Groundwater		10-May-2024 13:12	11-May-2024 10:00	☐
HS24050743-12	D-MW-6-05102024	Groundwater		10-May-2024 12:25	11-May-2024 10:00	☐
HS24050743-13	D-MW-7-05102024	Groundwater		10-May-2024 11:25	11-May-2024 10:00	☐
HS24050743-14	D-MW-17-05102024	Groundwater		10-May-2024 10:55	11-May-2024 10:00	☐
HS24050743-15	D-DUP1-05102024	Groundwater		10-May-2024 00:00	11-May-2024 10:00	☐
HS24050743-16	D-DUP17-05102024	Groundwater		10-May-2024 00:00	11-May-2024 10:00	☑
HS24050743-17	Trip Blank	Water	CG-040124-627	10-May-2024 00:00	11-May-2024 10:00	☑

ALS Houston, US Date: 17-May-24

Client: GHD **CASE NARRATIVE**
Project: 12604436-Denton Station
Work Order: HS24050743

Work Order Comments

- Login Comments: Lab received trip blank not listed on COC, sample placed on hold. Lab did not receive sample D-Dup2-05102024, sample labels state D-Dup17-05102024 5-10-24 00:00.

GCMS Volatiles by Method SW8260

Batch ID: R466978

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

Batch ID: R466977

Sample ID: D-DUP1-05102024 (HS24050743-15)

- Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: D-MW-17-05102024 (HS24050743-14)

- Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: D-MW-3R-05102024 (HS24050743-10)

- Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

Sample ID: D-MW-7-05102024 (HS24050743-13)

- Lowest practical dilution due to sample matrix and/or high concentration of non-target analyte(s).

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-2R-05102024
Collection Date: 10-May-2024 10:51

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-01
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	16-May-2024 13:25
Ethylbenzene	< 0.0010		0.0010	mg/L	1	16-May-2024 13:25
Toluene	< 0.0010		0.0010	mg/L	1	16-May-2024 13:25
Xylenes, Total	< 0.0030		0.0030	mg/L	1	16-May-2024 13:25
Surr: 1,2-Dichloroethane-d4	*103*		*70-126*	*%REC*	*1*	*16-May-2024 13:25*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*16-May-2024 13:25*
Surr: Dibromofluoromethane	*96.5*		*77-123*	*%REC*	*1*	*16-May-2024 13:25*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*16-May-2024 13:25*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-5-05102024
Collection Date: 10-May-2024 11:23

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-02
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	16-May-2024 13:47
Ethylbenzene	< 0.0010		0.0010	mg/L	1	16-May-2024 13:47
Toluene	< 0.0010		0.0010	mg/L	1	16-May-2024 13:47
Xylenes, Total	< 0.0030		0.0030	mg/L	1	16-May-2024 13:47
Surr: 1,2-Dichloroethane-d4	*98.0*		*70-126*	*%REC*	*1*	*16-May-2024 13:47*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*16-May-2024 13:47*
Surr: Dibromofluoromethane	*88.9*		*77-123*	*%REC*	*1*	*16-May-2024 13:47*
Surr: Toluene-d8	*99.4*		*82-127*	*%REC*	*1*	*16-May-2024 13:47*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-8-05102024
Collection Date: 10-May-2024 11:37

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-03
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	16-May-2024 14:09
Ethylbenzene	< 0.0010		0.0010	mg/L	1	16-May-2024 14:09
Toluene	< 0.0010		0.0010	mg/L	1	16-May-2024 14:09
Xylenes, Total	< 0.0030		0.0030	mg/L	1	16-May-2024 14:09
Surr: 1,2-Dichloroethane-d4	*99.2*		*70-126*	*%REC*	*1*	*16-May-2024 14:09*
Surr: 4-Bromofluorobenzene	*100*		*77-113*	*%REC*	*1*	*16-May-2024 14:09*
Surr: Dibromofluoromethane	*92.9*		*77-123*	*%REC*	*1*	*16-May-2024 14:09*
Surr: Toluene-d8	*97.6*		*82-127*	*%REC*	*1*	*16-May-2024 14:09*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-9-05102024
Collection Date: 10-May-2024 11:56

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-04
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	16-May-2024 14:32
Ethylbenzene	< 0.0010		0.0010	mg/L	1	16-May-2024 14:32
Toluene	< 0.0010		0.0010	mg/L	1	16-May-2024 14:32
Xylenes, Total	< 0.0030		0.0030	mg/L	1	16-May-2024 14:32
Surr: 1,2-Dichloroethane-d4	*102*		*70-126*	*%REC*	*1*	*16-May-2024 14:32*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*16-May-2024 14:32*
Surr: Dibromofluoromethane	*93.9*		*77-123*	*%REC*	*1*	*16-May-2024 14:32*
Surr: Toluene-d8	*98.8*		*82-127*	*%REC*	*1*	*16-May-2024 14:32*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-12-05102024
Collection Date: 10-May-2024 12:45

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-05
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	16-May-2024 14:54
Ethylbenzene	< 0.0010		0.0010	mg/L	1	16-May-2024 14:54
Toluene	< 0.0010		0.0010	mg/L	1	16-May-2024 14:54
Xylenes, Total	< 0.0030		0.0030	mg/L	1	16-May-2024 14:54
Surr: 1,2-Dichloroethane-d4	*98.0*		*70-126*	*%REC*	*1*	*16-May-2024 14:54*
Surr: 4-Bromofluorobenzene	*97.4*		*77-113*	*%REC*	*1*	*16-May-2024 14:54*
Surr: Dibromofluoromethane	*91.3*		*77-123*	*%REC*	*1*	*16-May-2024 14:54*
Surr: Toluene-d8	*93.5*		*82-127*	*%REC*	*1*	*16-May-2024 14:54*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-18-05102024
Collection Date: 10-May-2024 12:00

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-06
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	16-May-2024 15:16
Ethylbenzene	< 0.0010		0.0010	mg/L	1	16-May-2024 15:16
Toluene	< 0.0010		0.0010	mg/L	1	16-May-2024 15:16
Xylenes, Total	< 0.0030		0.0030	mg/L	1	16-May-2024 15:16
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*16-May-2024 15:16*
Surr: 4-Bromofluorobenzene	*107*		*77-113*	*%REC*	*1*	*16-May-2024 15:16*
Surr: Dibromofluoromethane	*97.5*		*77-123*	*%REC*	*1*	*16-May-2024 15:16*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*16-May-2024 15:16*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-19-05102024
Collection Date: 10-May-2024 13:48

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-07
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	16-May-2024 15:38
Ethylbenzene	< 0.0010		0.0010	mg/L	1	16-May-2024 15:38
Toluene	< 0.0010		0.0010	mg/L	1	16-May-2024 15:38
Xylenes, Total	< 0.0030		0.0030	mg/L	1	16-May-2024 15:38
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*16-May-2024 15:38*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*1*	*16-May-2024 15:38*
Surr: Dibromofluoromethane	*95.8*		*77-123*	*%REC*	*1*	*16-May-2024 15:38*
Surr: Toluene-d8	*99.1*		*82-127*	*%REC*	*1*	*16-May-2024 15:38*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-20-05102024
Collection Date: 10-May-2024 13:30

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-08
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	16-May-2024 16:00
Ethylbenzene	< 0.0010		0.0010	mg/L	1	16-May-2024 16:00
Toluene	< 0.0010		0.0010	mg/L	1	16-May-2024 16:00
Xylenes, Total	< 0.0030		0.0030	mg/L	1	16-May-2024 16:00
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*16-May-2024 16:00*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*16-May-2024 16:00*
Surr: Dibromofluoromethane	*93.2*		*77-123*	*%REC*	*1*	*16-May-2024 16:00*
Surr: Toluene-d8	*95.2*		*82-127*	*%REC*	*1*	*16-May-2024 16:00*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-1R-05102024
Collection Date: 10-May-2024 12:23

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-09
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	16-May-2024 16:22
Ethylbenzene	< 0.0010		0.0010	mg/L	1	16-May-2024 16:22
Toluene	< 0.0010		0.0010	mg/L	1	16-May-2024 16:22
Xylenes, Total	< 0.0030		0.0030	mg/L	1	16-May-2024 16:22
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*16-May-2024 16:22*
Surr: 4-Bromofluorobenzene	*107*		*77-113*	*%REC*	*1*	*16-May-2024 16:22*
Surr: Dibromofluoromethane	*95.2*		*77-123*	*%REC*	*1*	*16-May-2024 16:22*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*16-May-2024 16:22*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-3R-05102024
Collection Date: 10-May-2024 12:56

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-10
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**2.6**		**0.025**	**mg/L**	25	17-May-2024 04:23
Ethylbenzene	**0.29**		**0.025**	**mg/L**	25	17-May-2024 04:23
Toluene	**0.15**		**0.025**	**mg/L**	25	17-May-2024 04:23
Xylenes, Total	**0.45**		**0.075**	**mg/L**	25	17-May-2024 04:23
Surr: 1,2-Dichloroethane-d4	*99.9*		*70-126*	*%REC*	*25*	*17-May-2024 04:23*
Surr: 4-Bromofluorobenzene	*102*		*77-113*	*%REC*	*25*	*17-May-2024 04:23*
Surr: Dibromofluoromethane	*97.6*		*77-123*	*%REC*	*25*	*17-May-2024 04:23*
Surr: Toluene-d8	*92.9*		*82-127*	*%REC*	*25*	*17-May-2024 04:23*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-4-05102024
Collection Date: 10-May-2024 13:12

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-11
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	16-May-2024 16:44
Ethylbenzene	< 0.0010		0.0010	mg/L	1	16-May-2024 16:44
Toluene	< 0.0010		0.0010	mg/L	1	16-May-2024 16:44
Xylenes, Total	< 0.0030		0.0030	mg/L	1	16-May-2024 16:44
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*16-May-2024 16:44*
Surr: 4-Bromofluorobenzene	*100*		*77-113*	*%REC*	*1*	*16-May-2024 16:44*
Surr: Dibromofluoromethane	*93.0*		*77-123*	*%REC*	*1*	*16-May-2024 16:44*
Surr: Toluene-d8	*95.7*		*82-127*	*%REC*	*1*	*16-May-2024 16:44*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-6-05102024
Collection Date: 10-May-2024 12:25

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-12
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	16-May-2024 17:06
Ethylbenzene	< 0.0010		0.0010	mg/L	1	16-May-2024 17:06
Toluene	< 0.0010		0.0010	mg/L	1	16-May-2024 17:06
Xylenes, Total	< 0.0030		0.0030	mg/L	1	16-May-2024 17:06
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*16-May-2024 17:06*
Surr: 4-Bromofluorobenzene	*100*		*77-113*	*%REC*	*1*	*16-May-2024 17:06*
Surr: Dibromofluoromethane	*93.3*		*77-123*	*%REC*	*1*	*16-May-2024 17:06*
Surr: Toluene-d8	*96.8*		*82-127*	*%REC*	*1*	*16-May-2024 17:06*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-7-05102024
Collection Date: 10-May-2024 11:25

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-13
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**2.5**		**0.025**	**mg/L**	25	17-May-2024 04:48
Ethylbenzene	**0.27**		**0.025**	**mg/L**	25	17-May-2024 04:48
Toluene	**0.071**		**0.025**	**mg/L**	25	17-May-2024 04:48
Xylenes, Total	**0.59**		**0.075**	**mg/L**	25	17-May-2024 04:48
Surr: 1,2-Dichloroethane-d4	*101*		*70-126*	*%REC*	*25*	*17-May-2024 04:48*
Surr: 4-Bromofluorobenzene	*99.9*		*77-113*	*%REC*	*25*	*17-May-2024 04:48*
Surr: Dibromofluoromethane	*95.8*		*77-123*	*%REC*	*25*	*17-May-2024 04:48*
Surr: Toluene-d8	*93.2*		*82-127*	*%REC*	*25*	*17-May-2024 04:48*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-MW-17-05102024
Collection Date: 10-May-2024 10:55

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.025		0.025	mg/L	25	17-May-2024 05:13
Ethylbenzene	< 0.025		0.025	mg/L	25	17-May-2024 05:13
Toluene	< 0.025		0.025	mg/L	25	17-May-2024 05:13
Xylenes, Total	< 0.075		0.075	mg/L	25	17-May-2024 05:13
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*25*	*17-May-2024 05:13*
Surr: 4-Bromofluorobenzene	*99.2*		*77-113*	*%REC*	*25*	*17-May-2024 05:13*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*25*	*17-May-2024 05:13*
Surr: Toluene-d8	*92.2*		*82-127*	*%REC*	*25*	*17-May-2024 05:13*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
Sample ID: D-DUP1-05102024
Collection Date: 10-May-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24050743
Lab ID:HS24050743-15
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**3.0**		**0.025**	**mg/L**	25	17-May-2024 05:38
Ethylbenzene	**0.33**		**0.025**	**mg/L**	25	17-May-2024 05:38
Toluene	**0.17**		**0.025**	**mg/L**	25	17-May-2024 05:38
Xylenes, Total	**0.49**		**0.075**	**mg/L**	25	17-May-2024 05:38
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*25*	*17-May-2024 05:38*
Surr: 4-Bromofluorobenzene	*102*		*77-113*	*%REC*	*25*	*17-May-2024 05:38*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*25*	*17-May-2024 05:38*
Surr: Toluene-d8	*92.3*		*82-127*	*%REC*	*25*	*17-May-2024 05:38*

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

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
WorkOrder: HS24050743

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R466977 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24050743-10	D-MW-3R-05102024	10 May 2024 12:56			17 May 2024 04:23	25
HS24050743-13	D-MW-7-05102024	10 May 2024 11:25			17 May 2024 04:48	25
HS24050743-14	D-MW-17-05102024	10 May 2024 10:55			17 May 2024 05:13	25
HS24050743-15	D-DUP1-05102024	10 May 2024 00:00			17 May 2024 05:38	25
Batch ID: R466978 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24050743-01	D-MW-2R-05102024	10 May 2024 10:51			16 May 2024 13:25	1
HS24050743-02	D-MW-5-05102024	10 May 2024 11:23			16 May 2024 13:47	1
HS24050743-03	D-MW-8-05102024	10 May 2024 11:37			16 May 2024 14:09	1
HS24050743-04	D-MW-9-05102024	10 May 2024 11:56			16 May 2024 14:32	1
HS24050743-05	D-MW-12-05102024	10 May 2024 12:45			16 May 2024 14:54	1
HS24050743-06	D-MW-18-05102024	10 May 2024 12:00			16 May 2024 15:16	1
HS24050743-07	D-MW-19-05102024	10 May 2024 13:48			16 May 2024 15:38	1
HS24050743-08	D-MW-20-05102024	10 May 2024 13:30			16 May 2024 16:00	1
HS24050743-09	D-MW-1R-05102024	10 May 2024 12:23			16 May 2024 16:22	1
HS24050743-11	D-MW-4-05102024	10 May 2024 13:12			16 May 2024 16:44	1
HS24050743-12	D-MW-6-05102024	10 May 2024 12:25			16 May 2024 17:06	1

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
WorkOrder: HS24050743

QC BATCH REPORT

Batch ID: R466977 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-240516** Units: **ug/L** Analysis Date: **16-May-2024 21:51**
Client ID: Run ID: **VOA4_466977** SeqNo: **8015026** 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	*51.48*	*1.0*	*50*	*0*	*103*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*48.11*	*1.0*	*50*	*0*	*96.2*	*77 - 113*				
Surr: Dibromofluoromethane	*49.49*	*1.0*	*50*	*0*	*99.0*	*73 - 126*				
Surr: Toluene-d8	*45.82*	*1.0*	*50*	*0*	*91.6*	*81 - 120*				

LCS Sample ID: **VLCSW-240516** Units: **ug/L** Analysis Date: **16-May-2024 20:43**
Client ID: Run ID: **VOA4_466977** SeqNo: **8015024** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.39	1.0	20	0	97.0	74 - 120				
Ethylbenzene	18.1	1.0	20	0	90.5	77 - 117				
Toluene	17.89	1.0	20	0	89.4	77 - 118				
Xylenes, Total	57.45	3.0	60	0	95.7	75 - 122				
Surr: 1,2-Dichloroethane-d4	*50.87*	*1.0*	*50*	*0*	*102*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*50.17*	*1.0*	*50*	*0*	*100*	*77 - 113*				
Surr: Dibromofluoromethane	*49.58*	*1.0*	*50*	*0*	*99.2*	*73 - 126*				
Surr: Toluene-d8	*47.31*	*1.0*	*50*	*0*	*94.6*	*81 - 120*				

LCSD Sample ID: **VLCSDW-240516** Units: **ug/L** Analysis Date: **16-May-2024 21:06**
Client ID: Run ID: **VOA4_466977** SeqNo: **8015025** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.77	1.0	20	0	93.9	74 - 120	19.39	3.24	20	
Ethylbenzene	17.46	1.0	20	0	87.3	77 - 117	18.1	3.58	20	
Toluene	17.44	1.0	20	0	87.2	77 - 118	17.89	2.53	20	
Xylenes, Total	54.89	3.0	60	0	91.5	75 - 122	57.45	4.55	20	
Surr: 1,2-Dichloroethane-d4	*52.59*	*1.0*	*50*	*0*	*105*	*70 - 123*	*50.87*	*3.32*	*20*	
Surr: 4-Bromofluorobenzene	*51.24*	*1.0*	*50*	*0*	*102*	*77 - 113*	*50.17*	*2.13*	*20*	
Surr: Dibromofluoromethane	*49.6*	*1.0*	*50*	*0*	*99.2*	*73 - 126*	*49.58*	*0.0381*	*20*	
Surr: Toluene-d8	*47.35*	*1.0*	*50*	*0*	*94.7*	*81 - 120*	*47.31*	*0.0857*	*20*	

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
WorkOrder: HS24050743

QC BATCH REPORT

Batch ID: R466977 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS24050804-06MS** Units: **ug/L** Analysis Date: **17-May-2024 06:01**
Client ID: Run ID: **VOA4_466977** SeqNo: **8015047** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.78	1.0	20	0	98.9	70 - 127				
Ethylbenzene	16.31	1.0	20	0	81.5	70 - 124				
Toluene	16.8	1.0	20	0	84.0	70 - 123				
Xylenes, Total	52.59	3.0	60	0	87.7	70 - 130				
Surr: 1,2-Dichloroethane-d4	*50.81*	*1.0*	*50*	*0*	*102*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*50.39*	*1.0*	*50*	*0*	*101*	*77 - 113*				
Surr: Dibromofluoromethane	*49.86*	*1.0*	*50*	*0*	*99.7*	*77 - 123*				
Surr: Toluene-d8	*46.72*	*1.0*	*50*	*0*	*93.4*	*82 - 127*				

MSD Sample ID: **HS24050804-06MSD** Units: **ug/L** Analysis Date: **17-May-2024 06:24**
Client ID: Run ID: **VOA4_466977** SeqNo: **8015048** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.58	1.0	20	0	92.9	70 - 127	19.78	6.27	20	
Ethylbenzene	15.74	1.0	20	0	78.7	70 - 124	16.31	3.51	20	
Toluene	16.37	1.0	20	0	81.8	70 - 123	16.8	2.6	20	
Xylenes, Total	51.09	3.0	60	0	85.1	70 - 130	52.59	2.9	20	
Surr: 1,2-Dichloroethane-d4	*51.11*	*1.0*	*50*	*0*	*102*	*70 - 126*	*50.81*	*0.587*	*20*	
Surr: 4-Bromofluorobenzene	*49.62*	*1.0*	*50*	*0*	*99.2*	*77 - 113*	*50.39*	*1.54*	*20*	
Surr: Dibromofluoromethane	*49.56*	*1.0*	*50*	*0*	*99.1*	*77 - 123*	*49.86*	*0.607*	*20*	
Surr: Toluene-d8	*46.02*	*1.0*	*50*	*0*	*92.0*	*82 - 127*	*46.72*	*1.51*	*20*	

The following samples were analyzed in this batch: HS24050743-10 HS24050743-13 HS24050743-14 HS24050743-15

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
WorkOrder: HS24050743

QC BATCH REPORT

Batch ID: R466978 (0) **Instrument: VOA11** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-240516** Units: **ug/L** Analysis Date: **16-May-2024 10:44**
Client ID: Run ID: **VOA11_466978** SeqNo: **8015053** 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	*48.88*	*1.0*	*50*	*0*	*97.8*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52.34*	*1.0*	*50*	*0*	*105*	*77 - 113*				
Surr: Dibromofluoromethane	*47.19*	*1.0*	*50*	*0*	*94.4*	*73 - 126*				
Surr: Toluene-d8	*50.24*	*1.0*	*50*	*0*	*100*	*81 - 120*				

LCS Sample ID: **VLCSW-240516** Units: **ug/L** Analysis Date: **16-May-2024 09:38**
Client ID: Run ID: **VOA11_466978** SeqNo: **8015051** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.13	1.0	20	0	90.6	74 - 120				
Ethylbenzene	21.74	1.0	20	0	109	77 - 117				
Toluene	19.09	1.0	20	0	95.4	77 - 118				
Xylenes, Total	67.65	3.0	60	0	113	75 - 122				
Surr: 1,2-Dichloroethane-d4	*45.96*	*1.0*	*50*	*0*	*91.9*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*53.21*	*1.0*	*50*	*0*	*106*	*77 - 113*				
Surr: Dibromofluoromethane	*46.09*	*1.0*	*50*	*0*	*92.2*	*73 - 126*				
Surr: Toluene-d8	*50.45*	*1.0*	*50*	*0*	*101*	*81 - 120*				

LCSD Sample ID: **VLCSDW-240516** Units: **ug/L** Analysis Date: **16-May-2024 10:00**
Client ID: Run ID: **VOA11_466978** SeqNo: **8015052** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	17.64	1.0	20	0	88.2	74 - 120	18.13	2.7	20	
Ethylbenzene	20.6	1.0	20	0	103	77 - 117	21.74	5.36	20	
Toluene	18.03	1.0	20	0	90.1	77 - 118	19.09	5.73	20	
Xylenes, Total	64.67	3.0	60	0	108	75 - 122	67.65	4.5	20	
Surr: 1,2-Dichloroethane-d4	*47.42*	*1.0*	*50*	*0*	*94.8*	*70 - 123*	*45.96*	*3.14*	*20*	
Surr: 4-Bromofluorobenzene	*52.23*	*1.0*	*50*	*0*	*104*	*77 - 113*	*53.21*	*1.86*	*20*	
Surr: Dibromofluoromethane	*46.32*	*1.0*	*50*	*0*	*92.6*	*73 - 126*	*46.09*	*0.491*	*20*	
Surr: Toluene-d8	*49.19*	*1.0*	*50*	*0*	*98.4*	*81 - 120*	*50.45*	*2.53*	*20*	

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
WorkOrder: HS24050743

QC BATCH REPORT

Batch ID: R466978 (0) **Instrument: VOA11** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS24050880-04-20MS** Units: **ug/L** Analysis Date: **16-May-2024 18:57**
Client ID: Run ID: **VOA11_466978** SeqNo: **8015074** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.47	1.0	20	0	92.3	70 - 127				
Ethylbenzene	21.63	1.0	20	0	108	70 - 124				
Toluene	19.03	1.0	20	0.842	91.0	70 - 123				
Xylenes, Total	65.53	3.0	60	0	109	70 - 130				
Surr: 1,2-Dichloroethane-d4	*49.77*	*1.0*	*50*	*0*	*99.5*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*52.83*	*1.0*	*50*	*0*	*106*	*77 - 113*				
Surr: Dibromofluoromethane	*44.83*	*1.0*	*50*	*0*	*89.7*	*77 - 123*				
Surr: Toluene-d8	*47.82*	*1.0*	*50*	*0*	*95.6*	*82 - 127*				

MSD Sample ID: **HS24050880-04-20MSD** Units: **ug/L** Analysis Date: **16-May-2024 19:19**
Client ID: Run ID: **VOA11_466978** SeqNo: **8015075** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.04	1.0	20	0	90.2	70 - 127	18.47	2.33	20	
Ethylbenzene	21.28	1.0	20	0	106	70 - 124	21.63	1.64	20	
Toluene	19.04	1.0	20	0.842	91.0	70 - 123	19.03	0.0188	20	
Xylenes, Total	65.71	3.0	60	0	110	70 - 130	65.53	0.279	20	
Surr: 1,2-Dichloroethane-d4	*50.3*	*1.0*	*50*	*0*	*101*	*70 - 126*	*49.77*	*1.06*	*20*	
Surr: 4-Bromofluorobenzene	*52.61*	*1.0*	*50*	*0*	*105*	*77 - 113*	*52.83*	*0.409*	*20*	
Surr: Dibromofluoromethane	*45.96*	*1.0*	*50*	*0*	*91.9*	*77 - 123*	*44.83*	*2.48*	*20*	
Surr: Toluene-d8	*49.24*	*1.0*	*50*	*0*	*98.5*	*82 - 127*	*47.82*	*2.92*	*20*	

The following samples were analyzed in this batch:

HS24050743-01	HS24050743-02	HS24050743-03	HS24050743-04
HS24050743-05	HS24050743-06	HS24050743-07	HS24050743-08
HS24050743-09	HS24050743-11	HS24050743-12	

ALS Houston, US Date: 17-May-24

Client: GHD
Project: 12604436-Denton Station
WorkOrder: **HS24050743**

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
California	2919; 2025	30-Apr-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-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: 17-May-24

Sample Receipt Checklist

Work Order ID: HS24050743 **Date/Time Received:** 11-May-2024 10:00

Client Name: GHDHouston **Received by:** Aytu Tuncer

Completed By: /S/ Armand Morgan (eSignature) 14-May-2024 10:55 (Date/Time) **Reviewed by:** /S/ Luis.Aguilar (eSignature) 14-May-2024 16:55 (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:317830/317831
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	1.9UC/2.0C	IR 31
Cooler(s)/Kit(s):	52081	
Date/Time sample(s) sent to storage:	05/14/24 11:00	

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: Login Comments: Lab received trip blank not listed on COC, sample placed on hold. Lab did not receive sample D-Dup2-05102024, sample labels state D-Dup17-05102024 5-10-24 00:00.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070

Chain of Custody Form

Page 1 of 2

COC ID: 317830

HS24050743

GHD

12604436-Denton Station

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	SSOW-12604436-2023.1-2024-02	Project Name	12604436-Denton Station	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	12604436	B	
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C	
Send Report To	Chris Knight	Invoice Attn	Kerolanne Hudgens	D	
Address	11451 Katy Fwy 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	Kerolanne.hudgens@plains.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	D-MW-2R-05102024	5-10-24	10:51	GW	Ice	3	✓										
2	D-MW-5-05102024	5-10-24	11:23	GW	Ice	3	✓										
3	D-MW-8-05102024	5-10-24	11:37	GW	Ice	3	✓										
4	D-MW-9-05102024	5-10-24	11:56	GW	Ice	3	✓										
5	~~D-MW-10-05102024~~ JF.																
6	D-MW-12-05102024	5-10-24	12:45	GW	Ice	3	✓										
7	D-MW-18-05102024	5-10-24	12:00	GW	Ice	3	✓										
8	D-MW-19-05102024	5-10-24	13:48	GW	Ice	3	✓										
9	D-MW-20-05102024	5-10-24	13:30	GW	Ice	3	✓										
10	D-MW-1R-05102024	5-10-24	12:23	GW	Ice	3	✓										

Sampler(s) Please Print & Sign: Jairo F. Bryce Mortimer BM

Shipment Method:

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

Results Due Date:

	Date:	Time:		Notes: 12604436-Denton Station
Relinquished by:	5-10-24	1650	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory):	
Logged by (Laboratory):	Date: 5/11/24	Time: 1000	Checked by (Laboratory): A-7	

Cooler ID	Cooler Temp. °C
520281	.9

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

R31 cIF+0.1

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: 317831

HS24050743

GHD

12604436-Denton Station

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	SSOW-12604436-2023.1-2024-02	Project Name	12604436-Denton Station	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	12604436	B	
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C	
Send Report To	Chris Knight	Invoice Attn	Karolanne Hudgens	D	
Address	11451 Katy Fwy Suite 400	Address	c/o ENV-00, Accounts Payable P.O. Box 4648	E F	
City/State/Zip	Houston, TX 77079	City/State/Zip	Houston TX 77210-4648	G	
Phone	(713) 734-3090	Phone	(713) 646-4610	H	
Fax	(713) 734-3391	Fax	(713) 646-4199	I	
e-Mail Address	Christopher.Knight@ghd.com	e-Mail Address	Karolanne.hudgens@plains.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	D-MW-3R-05102024	5-10-24	12:56	GW	Ice	3	✓										
2	D-MW-4-05102024	5-10-24	13:12	GW	Ice	3	✓										
3	D-MW-6-05102024	5-10-24	12:25	GW	Ice	3	✓										
4	D-MW-7-05102024	5-10-24	11:25	GW	Ice	3	✓										
5	D-MW-17-05102024	5-10-24	10:55	GW	Ice	3	✓										
6	D-DUP1-05102024	5-10-24	—	GW	Ice	3	✓										
7	D-DUP2-05102024	5-10-24	—	GW	Ice	3	✓										
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Jairo Flores Bryce Mortimer

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Other ☒ STD 10 Wk. Days ☐ 5 Wk. Days ☐ 2 Wk. Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date: 5-10-24	Time: 1650	Received by:	Notes: 12604436-Denton Station	
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler ID	Cooler Temp.
Logged by (Laboratory):	Date: 5/11/24	Time: 10:00	Checked by (Laboratory): AT	5208	1.9

QC Package: (Check One Box Below)
☒ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other
☐ NELAP Checklist
☐ NELAP 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.

(231)

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

52081

CUSTODY SEAL

Date: 5-10-24 Time: 05:21
Name: Jairo Flores
Company: GHD.

Seal Broken By: AJ
Date: 05/11/24

52081 MAY 1 1 2024

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

52081

CUSTODY SEAL

Date: 5.10.24 Time: 1650
Name: Jairo T.
Company: GHD

Seal Broken By: AJ
Date: 05/11/24

Must Deliver Next Business Day
Time and Tempature Sensitive!

52081

ORIGIN ID:SGRA (505) 546-2
SIMON KOZIK
GHD
1608 NORTH 26TH ST ARTESIA

ARTESIA, NM 88210
UNITED STATES US

ATE: 26APR24
1.00 LB MAN
221247/CAFE3755
9x16x13 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

FedEx
TRK# 0221 6862 6804 8708

SATURDAY 12:00P
PRIORITY OVERNIGHT

TRK 0221

XO SGRA

77099
TX-US IAH

#5020860 05/10 5B3J4/C458/9AE3

Part # 159469-434 MTW EXP 0125

EXP 02/25

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

August 29, 2024

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

Work Order: **HS24080955**

Laboratory Results for: **Denton Station**

Dear Chris Knight,

ALS Environmental received 17 sample(s) on Aug 15, 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: 29-Aug-24

Client: GHD
Project: Denton Station
Work Order: HS24080955

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24080955-01	MW-2R-20240812	Groundwater		12-Aug-2024 13:00	15-Aug-2024 09:45	☐
HS24080955-02	MW-5-20240812	Groundwater		12-Aug-2024 15:35	15-Aug-2024 09:45	☐
HS24080955-03	MW-8-20240813	Groundwater		13-Aug-2024 08:55	15-Aug-2024 09:45	☐
HS24080955-04	MW-9-20240813	Groundwater		13-Aug-2024 09:35	15-Aug-2024 09:45	☐
HS24080955-05	MW-19-20240813	Groundwater		13-Aug-2024 11:05	15-Aug-2024 09:45	☐
HS24080955-06	MW-20-20240813	Groundwater		13-Aug-2024 12:35	15-Aug-2024 09:45	☐
HS24080955-07	MW-7-20240813	Groundwater		13-Aug-2024 13:55	15-Aug-2024 09:45	☐
HS24080955-08	MW-1R-20240814	Groundwater		14-Aug-2024 09:10	15-Aug-2024 09:45	☐
HS24080955-09	MW-3R-20240814	Groundwater		14-Aug-2024 10:00	15-Aug-2024 09:45	☐
HS24080955-10	MW-4-20240814	Groundwater		14-Aug-2024 11:00	15-Aug-2024 09:45	☐
HS24080955-11	MW-6-20240814	Groundwater		14-Aug-2024 11:55	15-Aug-2024 09:45	☐
HS24080955-12	MW-17-20240814	Groundwater		14-Aug-2024 12:45	15-Aug-2024 09:45	☐
HS24080955-13	MW-18-20240814	Groundwater		14-Aug-2024 13:45	15-Aug-2024 09:45	☐
HS24080955-14	DUP-01-20240814	Groundwater		14-Aug-2024 00:00	15-Aug-2024 09:45	☐
HS24080955-15	DUP-02-20240814	Groundwater		14-Aug-2024 00:00	15-Aug-2024 09:45	☐
HS24080955-16	Trip Blank	Groundwater		14-Aug-2024 00:00	15-Aug-2024 09:45	☐
HS24080955-17	Trip Blank	Groundwater		14-Aug-2024 00:00	15-Aug-2024 09:45	☐

ALS Houston, US Date: 29-Aug-24

Client: GHD **CASE NARRATIVE**
Project: Denton Station
Work Order: HS24080955

GC Semivolatiles by Method RSK-175

Batch ID: R474695

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

GCMS Volatiles by Method SW8260

Batch ID: R475415

Sample ID: VLCSW-240823

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

Batch ID: R475304,R475414,R475418,R475562,R475572

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

Metals by Method SW6020A

Batch ID: 216696

Sample ID: HS24081024-02MS

- MS and MSD are for an unrelated sample

Sample ID: HS24081024-02PDS

- PDS is for an unrelated sample

Batch ID: 216687

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

WetChemistry by Method E410.4

Batch ID: R475490

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

WetChemistry by Method SM5310B

Batch ID: R475156

Sample ID: HS24080895-03MS

- MS is for an unrelated sample

WetChemistry by Method E300

Batch ID: R474719

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-2R-20240812
Collection Date: 12-Aug-2024 13:00

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-01
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	23-Aug-2024 03:42
Ethylbenzene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 03:42
Toluene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 03:42
Xylenes, Total	< 0.0030		0.0030	mg/L	1	23-Aug-2024 03:42
Surr: 1,2-Dichloroethane-d4	*87.5*		*70-126*	*%REC*	*1*	*23-Aug-2024 03:42*
Surr: 4-Bromofluorobenzene	*94.3*		*77-113*	*%REC*	*1*	*23-Aug-2024 03:42*
Surr: Dibromofluoromethane	*95.4*		*77-123*	*%REC*	*1*	*23-Aug-2024 03:42*
Surr: Toluene-d8	*96.7*		*82-127*	*%REC*	*1*	*23-Aug-2024 03:42*

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-5-20240812
Collection Date: 12-Aug-2024 15:35

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-02
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	23-Aug-2024 04:05
Ethylbenzene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 04:05
Toluene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 04:05
Xylenes, Total	< 0.0030		0.0030	mg/L	1	23-Aug-2024 04:05
Surr: 1,2-Dichloroethane-d4	*85.0*		*70-126*	*%REC*	*1*	*23-Aug-2024 04:05*
Surr: 4-Bromofluorobenzene	*94.1*		*77-113*	*%REC*	*1*	*23-Aug-2024 04:05*
Surr: Dibromofluoromethane	*94.7*		*77-123*	*%REC*	*1*	*23-Aug-2024 04:05*
Surr: Toluene-d8	*97.2*		*82-127*	*%REC*	*1*	*23-Aug-2024 04:05*

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-8-20240813
Collection Date: 13-Aug-2024 08:55

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-03
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	23-Aug-2024 04:28
Ethylbenzene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 04:28
Toluene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 04:28
Xylenes, Total	< 0.0030		0.0030	mg/L	1	23-Aug-2024 04:28
Surr: 1,2-Dichloroethane-d4	*86.5*		*70-126*	*%REC*	*1*	*23-Aug-2024 04:28*
Surr: 4-Bromofluorobenzene	*92.5*		*77-113*	*%REC*	*1*	*23-Aug-2024 04:28*
Surr: Dibromofluoromethane	*96.1*		*77-123*	*%REC*	*1*	*23-Aug-2024 04:28*
Surr: Toluene-d8	*97.7*		*82-127*	*%REC*	*1*	*23-Aug-2024 04:28*

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-9-20240813
Collection Date: 13-Aug-2024 09:35

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-04
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	23-Aug-2024 04:51
Ethylbenzene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 04:51
Toluene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 04:51
Xylenes, Total	< 0.0030		0.0030	mg/L	1	23-Aug-2024 04:51
Surr: 1,2-Dichloroethane-d4	*85.4*		*70-126*	*%REC*	*1*	*23-Aug-2024 04:51*
Surr: 4-Bromofluorobenzene	*92.6*		*77-113*	*%REC*	*1*	*23-Aug-2024 04:51*
Surr: Dibromofluoromethane	*93.7*		*77-123*	*%REC*	*1*	*23-Aug-2024 04:51*
Surr: Toluene-d8	*98.0*		*82-127*	*%REC*	*1*	*23-Aug-2024 04:51*

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-19-20240813
Collection Date: 13-Aug-2024 11:05

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-05
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	23-Aug-2024 05:14
Ethylbenzene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 05:14
Toluene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 05:14
Xylenes, Total	< 0.0030		0.0030	mg/L	1	23-Aug-2024 05:14
Surr: 1,2-Dichloroethane-d4	*86.0*		*70-126*	*%REC*	*1*	*23-Aug-2024 05:14*
Surr: 4-Bromofluorobenzene	*91.5*		*77-113*	*%REC*	*1*	*23-Aug-2024 05:14*
Surr: Dibromofluoromethane	*92.6*		*77-123*	*%REC*	*1*	*23-Aug-2024 05:14*
Surr: Toluene-d8	*98.4*		*82-127*	*%REC*	*1*	*23-Aug-2024 05:14*

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-20-20240813
Collection Date: 13-Aug-2024 12:35

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-06
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	23-Aug-2024 05:37
Ethylbenzene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 05:37
Toluene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 05:37
Xylenes, Total	< 0.0030		0.0030	mg/L	1	23-Aug-2024 05:37
Surr: 1,2-Dichloroethane-d4	*86.3*		*70-126*	*%REC*	*1*	*23-Aug-2024 05:37*
Surr: 4-Bromofluorobenzene	*91.6*		*77-113*	*%REC*	*1*	*23-Aug-2024 05:37*
Surr: Dibromofluoromethane	*94.9*		*77-123*	*%REC*	*1*	*23-Aug-2024 05:37*
Surr: Toluene-d8	*97.7*		*82-127*	*%REC*	*1*	*23-Aug-2024 05:37*

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-7-20240813
Collection Date: 13-Aug-2024 13:55

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**3.2**		**0.050**	**mg/L**	50	23-Aug-2024 19:21
Ethylbenzene	**0.30**		**0.050**	**mg/L**	50	23-Aug-2024 19:21
Toluene	**0.041**		**0.0010**	**mg/L**	1	23-Aug-2024 06:00
Xylenes, Total	**0.59**		**0.0030**	**mg/L**	1	23-Aug-2024 06:00
Surr: 1,2-Dichloroethane-d4	*87.5*		*70-126*	*%REC*	*1*	*23-Aug-2024 06:00*
Surr: 1,2-Dichloroethane-d4	*90.7*		*70-126*	*%REC*	*50*	*23-Aug-2024 19:21*
Surr: 4-Bromofluorobenzene	*97.3*		*77-113*	*%REC*	*1*	*23-Aug-2024 06:00*
Surr: 4-Bromofluorobenzene	*92.5*		*77-113*	*%REC*	*50*	*23-Aug-2024 19:21*
Surr: Dibromofluoromethane	*89.7*		*77-123*	*%REC*	*1*	*23-Aug-2024 06:00*
Surr: Dibromofluoromethane	*96.6*		*77-123*	*%REC*	*50*	*23-Aug-2024 19:21*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*23-Aug-2024 06:00*
Surr: Toluene-d8	*98.8*		*82-127*	*%REC*	*50*	*23-Aug-2024 19:21*

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-1R-20240814
Collection Date: 14-Aug-2024 09:10

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-08
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	26-Aug-2024 19:30
Ethylbenzene	< 0.0010		0.0010	mg/L	1	26-Aug-2024 19:30
Toluene	< 0.0010		0.0010	mg/L	1	26-Aug-2024 19:30
Xylenes, Total	< 0.0030		0.0030	mg/L	1	26-Aug-2024 19:30
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*26-Aug-2024 19:30*
Surr: 4-Bromofluorobenzene	*97.4*		*77-113*	*%REC*	*1*	*26-Aug-2024 19:30*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*26-Aug-2024 19:30*
Surr: Toluene-d8	*104*		*82-127*	*%REC*	*1*	*26-Aug-2024 19:30*
ICP-MS METALS BY SW6020A		**Method:SW6020A**		Prep:SW3010A / 26-Aug-2024		Analyst: JC
Manganese	**0.0413**		**0.00500**	**mg/L**	1	26-Aug-2024 21:15
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 26-Aug-2024		Analyst: MSC
Iron	< 0.200		0.200	mg/L	1	26-Aug-2024 23:08
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	< 0.100		0.100	mg/L	1	16-Aug-2024 06:12
Sulfate	**36.0**		**0.500**	**mg/L**	1	16-Aug-2024 06:12
CHEMICAL OXYGEN DEMAND BY E410.4, REV 2.0, 1993		**Method:E410.4**				Analyst: TH
Chemical Oxygen Demand	< 15.0		15.0	mg/L	1	26-Aug-2024 14:00
TOTAL ORGANIC CARBON - SM5310B-2011		**Method:SM5310B**				Analyst: DH
Organic Carbon, Total	**1.08**		**1.00**	**mg/L**	1	21-Aug-2024 16:12

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-3R-20240814
Collection Date: 14-Aug-2024 10:00

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: AKP
Benzene	**4.0**		**0.050**	**mg/L**	50	26-Aug-2024 18:10
Ethylbenzene	**0.19**		**0.050**	**mg/L**	50	26-Aug-2024 18:10
Toluene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 06:46
Xylenes, Total	**0.11**		**0.0030**	**mg/L**	1	23-Aug-2024 06:46
Surr: 1,2-Dichloroethane-d4	*96.7*		*70-126*	*%REC*	*1*	*23-Aug-2024 06:46*
Surr: 1,2-Dichloroethane-d4	*109*		*70-126*	*%REC*	*50*	*26-Aug-2024 18:10*
Surr: 4-Bromofluorobenzene	*96.6*		*77-113*	*%REC*	*1*	*23-Aug-2024 06:46*
Surr: 4-Bromofluorobenzene	*99.4*		*77-113*	*%REC*	*50*	*26-Aug-2024 18:10*
Surr: Dibromofluoromethane	*98.2*		*77-123*	*%REC*	*1*	*23-Aug-2024 06:46*
Surr: Dibromofluoromethane	*110*		*77-123*	*%REC*	*50*	*26-Aug-2024 18:10*
Surr: Toluene-d8	*98.8*		*82-127*	*%REC*	*1*	*23-Aug-2024 06:46*
Surr: Toluene-d8	*97.5*		*82-127*	*%REC*	*50*	*26-Aug-2024 18:10*
ICP-MS METALS BY SW6020A		**Method:SW6020A**		Prep:SW3010A / 26-Aug-2024		Analyst: JC
Manganese	**0.579**		**0.00500**	**mg/L**	1	26-Aug-2024 21:17
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 26-Aug-2024		Analyst: MSC
Iron	< 0.200		0.200	mg/L	1	26-Aug-2024 23:10
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	< 0.100		0.100	mg/L	1	16-Aug-2024 06:36
Sulfate	< 0.500		0.500	mg/L	1	16-Aug-2024 06:36
CHEMICAL OXYGEN DEMAND BY E410.4, REV 2.0, 1993		**Method:E410.4**				Analyst: TH
Chemical Oxygen Demand	**26.0**		**15.0**	**mg/L**	1	26-Aug-2024 14:00
TOTAL ORGANIC CARBON - SM5310B-2011		**Method:SM5310B**				Analyst: DH
Organic Carbon, Total	**6.90**		**1.00**	**mg/L**	1	21-Aug-2024 16:24

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-4-20240814
Collection Date: 14-Aug-2024 11:00

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-10
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	26-Aug-2024 19:41
Ethylbenzene	< 0.0010		0.0010	mg/L	1	26-Aug-2024 19:41
Toluene	< 0.0010		0.0010	mg/L	1	26-Aug-2024 19:41
Xylenes, Total	< 0.0030		0.0030	mg/L	1	26-Aug-2024 19:41
Surr: 1,2-Dichloroethane-d4	*113*		*70-126*	*%REC*	*1*	*26-Aug-2024 19:41*
Surr: 4-Bromofluorobenzene	*101*		*77-113*	*%REC*	*1*	*26-Aug-2024 19:41*
Surr: Dibromofluoromethane	*110*		*77-123*	*%REC*	*1*	*26-Aug-2024 19:41*
Surr: Toluene-d8	*98.9*		*82-127*	*%REC*	*1*	*26-Aug-2024 19:41*
ICP-MS METALS BY SW6020A		**Method:SW6020A**		Prep:SW3010A / 26-Aug-2024		Analyst: JC
Manganese	**0.0989**		**0.00500**	**mg/L**	1	26-Aug-2024 21:19
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 26-Aug-2024		Analyst: MSC
Iron	< 0.200		0.200	mg/L	1	26-Aug-2024 23:13
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	< 0.100		0.100	mg/L	1	16-Aug-2024 06:48
Sulfate	**36.7**		**0.500**	**mg/L**	1	16-Aug-2024 06:48
CHEMICAL OXYGEN DEMAND BY E410.4, REV 2.0, 1993		**Method:E410.4**				Analyst: TH
Chemical Oxygen Demand	< 15.0		15.0	mg/L	1	26-Aug-2024 14:00
TOTAL ORGANIC CARBON - SM5310B-2011		**Method:SM5310B**				Analyst: DH
Organic Carbon, Total	**4.34**		**1.00**	**mg/L**	1	21-Aug-2024 16:34

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-6-20240814
Collection Date: 14-Aug-2024 11:55

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-11
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	23-Aug-2024 07:31
Ethylbenzene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 07:31
Toluene	< 0.0010		0.0010	mg/L	1	23-Aug-2024 07:31
Xylenes, Total	< 0.0030		0.0030	mg/L	1	23-Aug-2024 07:31
Surr: 1,2-Dichloroethane-d4	*86.6*		*70-126*	*%REC*	*1*	*23-Aug-2024 07:31*
Surr: 4-Bromofluorobenzene	*94.7*		*77-113*	*%REC*	*1*	*23-Aug-2024 07:31*
Surr: Dibromofluoromethane	*94.5*		*77-123*	*%REC*	*1*	*23-Aug-2024 07:31*
Surr: Toluene-d8	*98.0*		*82-127*	*%REC*	*1*	*23-Aug-2024 07:31*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	< 1.00		1.00	ug/L	1	16-Aug-2024 11:19
Ethene	< 1.00		1.00	ug/L	1	16-Aug-2024 11:19
Methane	**3.42**		**0.500**	**ug/L**	1	16-Aug-2024 11:19
ICP-MS METALS BY SW6020A		**Method:SW6020A**		Prep:SW3010A / 26-Aug-2024		Analyst: JC
Manganese	**0.0621**		**0.00500**	**mg/L**	1	26-Aug-2024 21:21
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 26-Aug-2024		Analyst: MSC
Iron	< 0.200		0.200	mg/L	1	26-Aug-2024 23:15
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	< 0.100		0.100	mg/L	1	16-Aug-2024 08:06
Sulfate	**30.2**		**0.500**	**mg/L**	1	16-Aug-2024 08:06
CHEMICAL OXYGEN DEMAND BY E410.4, REV 2.0, 1993		**Method:E410.4**				Analyst: TH
Chemical Oxygen Demand	< 15.0		15.0	mg/L	1	26-Aug-2024 14:00
TOTAL ORGANIC CARBON - SM5310B-2011		**Method:SM5310B**				Analyst: DH
Organic Carbon, Total	**2.97**		**1.00**	**mg/L**	1	21-Aug-2024 17:23

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-17-20240814
Collection Date: 14-Aug-2024 12:45

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-12
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	24-Aug-2024 04:58
Ethylbenzene	< 0.0010		0.0010	mg/L	1	24-Aug-2024 04:58
Toluene	< 0.0010		0.0010	mg/L	1	24-Aug-2024 04:58
Xylenes, Total	< 0.0030		0.0030	mg/L	1	24-Aug-2024 04:58
Surr: 1,2-Dichloroethane-d4	*86.9*		*70-126*	*%REC*	*1*	*24-Aug-2024 04:58*
Surr: 4-Bromofluorobenzene	*93.4*		*77-113*	*%REC*	*1*	*24-Aug-2024 04:58*
Surr: Dibromofluoromethane	*92.7*		*77-123*	*%REC*	*1*	*24-Aug-2024 04:58*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*1*	*24-Aug-2024 04:58*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	**2.95**		**1.00**	**ug/L**	1	16-Aug-2024 11:28
Ethene	< 1.00		1.00	ug/L	1	16-Aug-2024 11:28
Methane	**254**		**5.00**	**ug/L**	10	16-Aug-2024 12:14
ICP-MS METALS BY SW6020A		**Method:SW6020A**		Prep:SW3010A / 26-Aug-2024		Analyst: JC
Manganese	**0.159**		**0.00500**	**mg/L**	1	26-Aug-2024 21:23
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 26-Aug-2024		Analyst: MSC
Iron	< 0.200		0.200	mg/L	1	26-Aug-2024 23:17
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	< 0.100		0.100	mg/L	1	16-Aug-2024 08:17
Sulfate	**10.5**		**0.500**	**mg/L**	1	16-Aug-2024 08:17
CHEMICAL OXYGEN DEMAND BY E410.4, REV 2.0, 1993		**Method:E410.4**				Analyst: TH
Chemical Oxygen Demand	< 15.0		15.0	mg/L	1	26-Aug-2024 14:00
TOTAL ORGANIC CARBON - SM5310B-2011		**Method:SM5310B**				Analyst: DH
Organic Carbon, Total	**2.83**		**1.00**	**mg/L**	1	21-Aug-2024 17:43

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: MW-18-20240814
Collection Date: 14-Aug-2024 13:45

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-13
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	24-Aug-2024 01:30
Ethylbenzene	< 0.0010		0.0010	mg/L	1	24-Aug-2024 01:30
Toluene	< 0.0010		0.0010	mg/L	1	24-Aug-2024 01:30
Xylenes, Total	< 0.0030		0.0030	mg/L	1	24-Aug-2024 01:30
Surr: 1,2-Dichloroethane-d4	*88.9*		*70-126*	*%REC*	*1*	*24-Aug-2024 01:30*
Surr: 4-Bromofluorobenzene	*93.8*		*77-113*	*%REC*	*1*	*24-Aug-2024 01:30*
Surr: Dibromofluoromethane	*91.6*		*77-123*	*%REC*	*1*	*24-Aug-2024 01:30*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*1*	*24-Aug-2024 01:30*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	< 1.00		1.00	ug/L	1	16-Aug-2024 11:36
Ethene	< 1.00		1.00	ug/L	1	16-Aug-2024 11:36
Methane	**1.93**		**0.500**	**ug/L**	1	16-Aug-2024 11:36
ICP-MS METALS BY SW6020A		**Method:SW6020A**		Prep:SW3010A / 26-Aug-2024		Analyst: JC
Manganese	**0.00560**		**0.00500**	**mg/L**	1	26-Aug-2024 21:25
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 26-Aug-2024		Analyst: MSC
Iron	< 0.200		0.200	mg/L	1	26-Aug-2024 23:20
ANIONS BY E300.0, REV 2.1, 1993		**Method:E300**				Analyst: TH
Nitrogen, Nitrate (As N)	**0.932**		**0.100**	**mg/L**	1	16-Aug-2024 08:29
Sulfate	**64.0**		**0.500**	**mg/L**	1	16-Aug-2024 08:29
CHEMICAL OXYGEN DEMAND BY E410.4, REV 2.0, 1993		**Method:E410.4**				Analyst: TH
Chemical Oxygen Demand	< 15.0		15.0	mg/L	1	26-Aug-2024 14:00
TOTAL ORGANIC CARBON - SM5310B-2011		**Method:SM5310B**				Analyst: DH
Organic Carbon, Total	< 1.00		1.00	mg/L	1	21-Aug-2024 17:53

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: DUP-01-20240814
Collection Date: 14-Aug-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**3.2**		**0.025**	**mg/L**	25	24-Aug-2024 05:23
Ethylbenzene	**0.19**		**0.025**	**mg/L**	25	24-Aug-2024 05:23
Toluene	< 0.025		0.025	mg/L	25	24-Aug-2024 05:23
Xylenes, Total	**0.099**		**0.075**	**mg/L**	25	24-Aug-2024 05:23
Surr: 1,2-Dichloroethane-d4	*94.3*		*70-126*	*%REC*	*25*	*24-Aug-2024 05:23*
Surr: 4-Bromofluorobenzene	*93.5*		*77-113*	*%REC*	*25*	*24-Aug-2024 05:23*
Surr: Dibromofluoromethane	*98.3*		*77-123*	*%REC*	*25*	*24-Aug-2024 05:23*
Surr: Toluene-d8	*99.4*		*82-127*	*%REC*	*25*	*24-Aug-2024 05:23*

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: DUP-02-20240814
Collection Date: 14-Aug-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-15
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**0.11**		**0.025**	**mg/L**	25	24-Aug-2024 05:49
Ethylbenzene	< 0.025		0.025	mg/L	25	24-Aug-2024 05:49
Toluene	< 0.025		0.025	mg/L	25	24-Aug-2024 05:49
Xylenes, Total	< 0.075		0.075	mg/L	25	24-Aug-2024 05:49
Surr: 1,2-Dichloroethane-d4	*90.3*		*70-126*	*%REC*	*25*	*24-Aug-2024 05:49*
Surr: 4-Bromofluorobenzene	*95.7*		*77-113*	*%REC*	*25*	*24-Aug-2024 05:49*
Surr: Dibromofluoromethane	*96.9*		*77-123*	*%REC*	*25*	*24-Aug-2024 05:49*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*25*	*24-Aug-2024 05:49*

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: Trip Blank
Collection Date: 14-Aug-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-16
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	24-Aug-2024 11:11
Ethylbenzene	< 0.0010		0.0010	mg/L	1	24-Aug-2024 11:11
Toluene	< 0.0010		0.0010	mg/L	1	24-Aug-2024 11:11
Xylenes, Total	< 0.0030		0.0030	mg/L	1	24-Aug-2024 11:11
Surr: 1,2-Dichloroethane-d4	*100*		*70-126*	*%REC*	*1*	*24-Aug-2024 11:11*
Surr: 4-Bromofluorobenzene	*98.4*		*77-113*	*%REC*	*1*	*24-Aug-2024 11:11*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*24-Aug-2024 11:11*
Surr: Toluene-d8	*97.5*		*82-127*	*%REC*	*1*	*24-Aug-2024 11:11*

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

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
Sample ID: Trip Blank
Collection Date: 14-Aug-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24080955
Lab ID:HS24080955-17
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	24-Aug-2024 11:34
Ethylbenzene	< 0.0010		0.0010	mg/L	1	24-Aug-2024 11:34
Toluene	< 0.0010		0.0010	mg/L	1	24-Aug-2024 11:34
Xylenes, Total	< 0.0030		0.0030	mg/L	1	24-Aug-2024 11:34
Surr: 1,2-Dichloroethane-d4	*102*		*70-126*	*%REC*	*1*	*24-Aug-2024 11:34*
Surr: 4-Bromofluorobenzene	*97.6*		*77-113*	*%REC*	*1*	*24-Aug-2024 11:34*
Surr: Dibromofluoromethane	*104*		*77-123*	*%REC*	*1*	*24-Aug-2024 11:34*
Surr: Toluene-d8	*97.7*		*82-127*	*%REC*	*1*	*24-Aug-2024 11:34*

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

Weight / Prep Log

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

Batch ID: 216481 **Start Date:** 20 Aug 2024 16:30 **End Date:** 20 Aug 2024 16:30
Method: SAMPLE FILTRATION - 0.45 MICRON FILTER **Prep Code:** FILTRATION

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24080955-08		100 (mL)	100 (mL)	1	120 mL Plastic Neat
HS24080955-09		100 (mL)	100 (mL)	1	120 mL Plastic Neat
HS24080955-10		100 (mL)	100 (mL)	1	120 mL Plastic Neat
HS24080955-11		100 (mL)	100 (mL)	1	120 mL Plastic Neat
HS24080955-12		100 (mL)	100 (mL)	1	120 mL Plastic Neat
HS24080955-13		100 (mL)	100 (mL)	1	120 mL Plastic Neat

Batch ID: 216687 **Start Date:** 26 Aug 2024 09:00 **End Date:** 26 Aug 2024 09:00
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24080955-08		10 (mL)	10 (mL)	1	120 mL Plastic Neat
HS24080955-09		10 (mL)	10 (mL)	1	120 mL Plastic Neat
HS24080955-10		10 (mL)	10 (mL)	1	120 mL Plastic Neat
HS24080955-11		10 (mL)	10 (mL)	1	120 mL Plastic Neat
HS24080955-12		10 (mL)	10 (mL)	1	120 mL Plastic Neat
HS24080955-13		10 (mL)	10 (mL)	1	120 mL Plastic Neat

Batch ID: 216696 **Start Date:** 26 Aug 2024 11:00 **End Date:** 26 Aug 2024 11:00
Method: WATER - SW3010A **Prep Code:** 3010A

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24080955-08		10 (mL)	10 (mL)	1	120 plastic HNO3
HS24080955-09		10 (mL)	10 (mL)	1	120 plastic HNO3
HS24080955-10		10 (mL)	10 (mL)	1	120 plastic HNO3
HS24080955-11		10 (mL)	10 (mL)	1	120 plastic HNO3
HS24080955-12		10 (mL)	10 (mL)	1	120 plastic HNO3
HS24080955-13		10 (mL)	10 (mL)	1	120 plastic HNO3

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 216687 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Groundwater	
HS24080955-08	MW-1R-20240814	14 Aug 2024 09:10		26 Aug 2024 09:00	26 Aug 2024 23:08	1
HS24080955-09	MW-3R-20240814	14 Aug 2024 10:00		26 Aug 2024 09:00	26 Aug 2024 23:10	1
HS24080955-10	MW-4-20240814	14 Aug 2024 11:00		26 Aug 2024 09:00	26 Aug 2024 23:13	1
HS24080955-11	MW-6-20240814	14 Aug 2024 11:55		26 Aug 2024 09:00	26 Aug 2024 23:15	1
HS24080955-12	MW-17-20240814	14 Aug 2024 12:45		26 Aug 2024 09:00	26 Aug 2024 23:17	1
HS24080955-13	MW-18-20240814	14 Aug 2024 13:45		26 Aug 2024 09:00	26 Aug 2024 23:20	1
Batch ID: 216696 (0)	**Test Name :** ICP-MS METALS BY SW6020A				**Matrix:** Groundwater	
HS24080955-08	MW-1R-20240814	14 Aug 2024 09:10		26 Aug 2024 11:00	26 Aug 2024 21:15	1
HS24080955-09	MW-3R-20240814	14 Aug 2024 10:00		26 Aug 2024 11:00	26 Aug 2024 21:17	1
HS24080955-10	MW-4-20240814	14 Aug 2024 11:00		26 Aug 2024 11:00	26 Aug 2024 21:19	1
HS24080955-11	MW-6-20240814	14 Aug 2024 11:55		26 Aug 2024 11:00	26 Aug 2024 21:21	1
HS24080955-12	MW-17-20240814	14 Aug 2024 12:45		26 Aug 2024 11:00	26 Aug 2024 21:23	1
HS24080955-13	MW-18-20240814	14 Aug 2024 13:45		26 Aug 2024 11:00	26 Aug 2024 21:25	1
Batch ID: R474695 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Groundwater	
HS24080955-11	MW-6-20240814	14 Aug 2024 11:55			16 Aug 2024 11:19	1
HS24080955-12	MW-17-20240814	14 Aug 2024 12:45			16 Aug 2024 12:14	10
HS24080955-12	MW-17-20240814	14 Aug 2024 12:45			16 Aug 2024 11:28	1
HS24080955-13	MW-18-20240814	14 Aug 2024 13:45			16 Aug 2024 11:36	1
Batch ID: R474719 (0)	**Test Name :** ANIONS BY E300.0, REV 2.1, 1993				**Matrix:** Groundwater	
HS24080955-08	MW-1R-20240814	14 Aug 2024 09:10			16 Aug 2024 06:12	1
HS24080955-09	MW-3R-20240814	14 Aug 2024 10:00			16 Aug 2024 06:36	1
HS24080955-10	MW-4-20240814	14 Aug 2024 11:00			16 Aug 2024 06:48	1
HS24080955-11	MW-6-20240814	14 Aug 2024 11:55			16 Aug 2024 08:06	1
HS24080955-12	MW-17-20240814	14 Aug 2024 12:45			16 Aug 2024 08:17	1
HS24080955-13	MW-18-20240814	14 Aug 2024 13:45			16 Aug 2024 08:29	1
Batch ID: R475156 (0)	**Test Name :** TOTAL ORGANIC CARBON - SM5310B-2011				**Matrix:** Groundwater	
HS24080955-08	MW-1R-20240814	14 Aug 2024 09:10			21 Aug 2024 16:12	1
HS24080955-09	MW-3R-20240814	14 Aug 2024 10:00			21 Aug 2024 16:24	1
HS24080955-10	MW-4-20240814	14 Aug 2024 11:00			21 Aug 2024 16:34	1
HS24080955-11	MW-6-20240814	14 Aug 2024 11:55			21 Aug 2024 17:23	1
HS24080955-12	MW-17-20240814	14 Aug 2024 12:45			21 Aug 2024 17:43	1
HS24080955-13	MW-18-20240814	14 Aug 2024 13:45			21 Aug 2024 17:53	1

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R475304 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24080955-01	MW-2R-20240812	12 Aug 2024 13:00			23 Aug 2024 03:42	1
HS24080955-02	MW-5-20240812	12 Aug 2024 15:35			23 Aug 2024 04:05	1
HS24080955-03	MW-8-20240813	13 Aug 2024 08:55			23 Aug 2024 04:28	1
HS24080955-04	MW-9-20240813	13 Aug 2024 09:35			23 Aug 2024 04:51	1
HS24080955-05	MW-19-20240813	13 Aug 2024 11:05			23 Aug 2024 05:14	1
HS24080955-06	MW-20-20240813	13 Aug 2024 12:35			23 Aug 2024 05:37	1
HS24080955-07	MW-7-20240813	13 Aug 2024 13:55			23 Aug 2024 06:00	1
HS24080955-09	MW-3R-20240814	14 Aug 2024 10:00			23 Aug 2024 06:46	1
HS24080955-11	MW-6-20240814	14 Aug 2024 11:55			23 Aug 2024 07:31	1
Batch ID: R475414 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24080955-16	Trip Blank	14 Aug 2024 00:00			24 Aug 2024 11:11	1
HS24080955-17	Trip Blank	14 Aug 2024 00:00			24 Aug 2024 11:34	1
Batch ID: R475415 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24080955-07	MW-7-20240813	13 Aug 2024 13:55			23 Aug 2024 19:21	50
Batch ID: R475418 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24080955-12	MW-17-20240814	14 Aug 2024 12:45			24 Aug 2024 04:58	1
HS24080955-13	MW-18-20240814	14 Aug 2024 13:45			24 Aug 2024 01:30	1
HS24080955-14	DUP-01-20240814	14 Aug 2024 00:00			24 Aug 2024 05:23	25
HS24080955-15	DUP-02-20240814	14 Aug 2024 00:00			24 Aug 2024 05:49	25
Batch ID: R475490 (0)	**Test Name :** CHEMICAL OXYGEN DEMAND BY E410.4, REV 2.0, 1993				**Matrix:** Groundwater	
HS24080955-08	MW-1R-20240814	14 Aug 2024 09:10			26 Aug 2024 14:00	1
HS24080955-09	MW-3R-20240814	14 Aug 2024 10:00			26 Aug 2024 14:00	1
HS24080955-10	MW-4-20240814	14 Aug 2024 11:00			26 Aug 2024 14:00	1
HS24080955-11	MW-6-20240814	14 Aug 2024 11:55			26 Aug 2024 14:00	1
HS24080955-12	MW-17-20240814	14 Aug 2024 12:45			26 Aug 2024 14:00	1
HS24080955-13	MW-18-20240814	14 Aug 2024 13:45			26 Aug 2024 14:00	1
Batch ID: R475562 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24080955-09	MW-3R-20240814	14 Aug 2024 10:00			26 Aug 2024 18:10	50
HS24080955-10	MW-4-20240814	14 Aug 2024 11:00			26 Aug 2024 19:41	1
Batch ID: R475572 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24080955-08	MW-1R-20240814	14 Aug 2024 09:10			26 Aug 2024 19:30	1

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R474695 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-240816** Units: **ug/L** Analysis Date: **16-Aug-2024 10:12**
Client ID: Run ID: **FID-4_474695** SeqNo: **8196481** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	< 1.00	1.00								
Ethene	< 1.00	1.00								
Methane	< 0.500	0.500								

LCS Sample ID: **LCS-240816** Units: **ug/L** Analysis Date: **16-Aug-2024 10:20**
Client ID: Run ID: **FID-4_474695** SeqNo: **8196482** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	17.09	1.00	18.04	0	94.7	75 - 125				
Ethene	15.95	1.00	16.8	0	94.9	75 - 125				
Methane	9.958	0.500	9.647	0	103	75 - 125				

LCSD Sample ID: **LCSD-240816** Units: **ug/L** Analysis Date: **16-Aug-2024 10:45**
Client ID: Run ID: **FID-4_474695** SeqNo: **8196485** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	16.49	1.00	18.04	0	91.4	75 - 125	17.09	3.59	30	
Ethene	16.18	1.00	16.8	0	96.3	75 - 125	15.95	1.44	30	
Methane	9.307	0.500	9.647	0	96.5	75 - 125	9.958	6.75	30	

The following samples were analyzed in this batch: HS24080955-08 HS24080955-09 HS24080955-10 HS24080955-11 HS24080955-12 HS24080955-13

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: 216687 (0) **Instrument: ICPMS05** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLKF2-216687** Units: **mg/L** Analysis Date: **26-Aug-2024 22:05**
Client ID: Run ID: **ICPMS05_475455** SeqNo: **8213662** PrepDate: **26-Aug-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	< 0.200	0.200								

MBLK Sample ID: **MBLKF3-216687** Units: **mg/L** Analysis Date: **26-Aug-2024 22:07**
Client ID: Run ID: **ICPMS05_475455** SeqNo: **8213663** PrepDate: **26-Aug-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	< 0.200	0.200								

MBLK Sample ID: **MBLKF1-216687** Units: **mg/L** Analysis Date: **26-Aug-2024 22:02**
Client ID: Run ID: **ICPMS05_475455** SeqNo: **8213661** PrepDate: **26-Aug-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	< 0.200	0.200								

MBLK Sample ID: **MBLK-216687** Units: **mg/L** Analysis Date: **26-Aug-2024 22:00**
Client ID: Run ID: **ICPMS05_475455** SeqNo: **8213660** PrepDate: **26-Aug-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	< 0.200	0.200								

LCS Sample ID: **LCS-216687** Units: **mg/L** Analysis Date: **26-Aug-2024 22:09**
Client ID: Run ID: **ICPMS05_475455** SeqNo: **8213664** PrepDate: **26-Aug-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.799	0.200	5	0	96.0	80 - 120				

MS Sample ID: **HS24081024-02MS** Units: **mg/L** Analysis Date: **26-Aug-2024 22:45**
Client ID: Run ID: **ICPMS05_475455** SeqNo: **8213675** PrepDate: **26-Aug-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.981	0.400	5	0.1704	96.2	75 - 125				

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: 216687 (0) **Instrument: ICPMS05** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MSD Sample ID: **HS24081024-02MSD** Units: **mg/L** Analysis Date: **26-Aug-2024 22:47**
Client ID: Run ID: **ICPMS05_475455** SeqNo: **8213676** PrepDate: **26-Aug-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	5.156	0.400	5	0.1704	99.7	75 - 125	4.981	3.47	20	

PDS Sample ID: **HS24081024-02PDS** Units: **mg/L** Analysis Date: **26-Aug-2024 22:49**
Client ID: Run ID: **ICPMS05_475455** SeqNo: **8213677** PrepDate: **26-Aug-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	10.02	0.400	10	0.1704	98.5	75 - 125				

SD Sample ID: **HS24081024-02SD** Units: **mg/L** Analysis Date: **26-Aug-2024 22:42**
Client ID: Run ID: **ICPMS05_475455** SeqNo: **8213674** PrepDate: **26-Aug-2024** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	0.1621	2.00					0.1704	0	10	J

The following samples were analyzed in this batch: HS24080955-08 HS24080955-09 HS24080955-10 HS24080955-11 HS24080955-12 HS24080955-13

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: 216696 (0) **Instrument: ICPMS06** **Method: ICP-MS METALS BY SW6020A**

MBLK Sample ID: **MBLK-216696** Units: **mg/L** Analysis Date: **26-Aug-2024 20:53**
Client ID: Run ID: **ICPMS06_475492** SeqNo: **8213528** PrepDate: **26-Aug-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Manganese	< 0.00500	0.00500								

LCS Sample ID: **LCS-216696** Units: **mg/L** Analysis Date: **26-Aug-2024 20:55**
Client ID: Run ID: **ICPMS06_475492** SeqNo: **8213529** PrepDate: **26-Aug-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Manganese	0.04616	0.00500	0.05	0	92.3	80 - 120				

MS Sample ID: **HS24081024-02MS** Units: **mg/L** Analysis Date: **26-Aug-2024 22:43**
Client ID: Run ID: **ICPMS06_475492** SeqNo: **8213581** PrepDate: **26-Aug-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Manganese	1.354	0.0100	0.05	1.384	-59.6	80 - 120				SO

MSD Sample ID: **HS24081024-02MSD** Units: **mg/L** Analysis Date: **26-Aug-2024 22:45**
Client ID: Run ID: **ICPMS06_475492** SeqNo: **8213582** PrepDate: **26-Aug-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Manganese	1.328	0.0100	0.05	1.384	-112	80 - 120	1.354	1.94	20	SO

PDS Sample ID: **HS24081024-02PDS** Units: **mg/L** Analysis Date: **26-Aug-2024 22:49**
Client ID: Run ID: **ICPMS06_475492** SeqNo: **8213584** PrepDate: **26-Aug-2024** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Manganese	1.361	0.0100	0.1	1.384	-23.5	75 - 125				SO

SD Sample ID: **HS24081024-02SD** Units: **mg/L** Analysis Date: **26-Aug-2024 22:41**
Client ID: Run ID: **ICPMS06_475492** SeqNo: **8213580** PrepDate: **26-Aug-2024** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Manganese	1.387	0.0500					1.384	0.198	10	

The following samples were analyzed in this batch: HS24080955-08 HS24080955-09 HS24080955-10 HS24080955-11 HS24080955-12 HS24080955-13

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475304 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-240822** Units: **ug/L** Analysis Date: **22-Aug-2024 23:53**
Client ID: Run ID: **VOA7_475304** SeqNo: **8208651** 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	*43.38*	*1.0*	*50*	*0*	*86.8*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*44.72*	*1.0*	*50*	*0*	*89.4*	*77 - 113*				
Surr: Dibromofluoromethane	*46.7*	*1.0*	*50*	*0*	*93.4*	*73 - 126*				
Surr: Toluene-d8	*49.17*	*1.0*	*50*	*0*	*98.3*	*81 - 120*				

LCS Sample ID: **VLCSW-240822** Units: **ug/L** Analysis Date: **22-Aug-2024 22:45**
Client ID: Run ID: **VOA7_475304** SeqNo: **8208649** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.31	1.0	20	0	91.5	74 - 120				
Ethylbenzene	18.75	1.0	20	0	93.7	77 - 117				
Toluene	18.09	1.0	20	0	90.4	77 - 118				
Xylenes, Total	54.29	3.0	60	0	90.5	75 - 122				
Surr: 1,2-Dichloroethane-d4	*44.71*	*1.0*	*50*	*0*	*89.4*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*47.51*	*1.0*	*50*	*0*	*95.0*	*77 - 113*				
Surr: Dibromofluoromethane	*48.54*	*1.0*	*50*	*0*	*97.1*	*73 - 126*				
Surr: Toluene-d8	*47.98*	*1.0*	*50*	*0*	*96.0*	*81 - 120*				

LCSD Sample ID: **VLCSDW-240822** Units: **ug/L** Analysis Date: **22-Aug-2024 23:08**
Client ID: Run ID: **VOA7_475304** SeqNo: **8208650** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	17.75	1.0	20	0	88.7	74 - 120	18.31	3.11	20	
Ethylbenzene	18.09	1.0	20	0	90.5	77 - 117	18.75	3.56	20	
Toluene	17.82	1.0	20	0	89.1	77 - 118	18.09	1.46	20	
Xylenes, Total	54.06	3.0	60	0	90.1	75 - 122	54.29	0.42	20	
Surr: 1,2-Dichloroethane-d4	*46.06*	*1.0*	*50*	*0*	*92.1*	*70 - 123*	*44.71*	*2.97*	*20*	
Surr: 4-Bromofluorobenzene	*49.57*	*1.0*	*50*	*0*	*99.1*	*77 - 113*	*47.51*	*4.24*	*20*	
Surr: Dibromofluoromethane	*49.94*	*1.0*	*50*	*0*	*99.9*	*73 - 126*	*48.54*	*2.83*	*20*	
Surr: Toluene-d8	*49.06*	*1.0*	*50*	*0*	*98.1*	*81 - 120*	*47.98*	*2.22*	*20*	

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475304 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS24080953-01MS** Units: **ug/L** Analysis Date: **23-Aug-2024 07:54**
Client ID: Run ID: **VOA7_475304** SeqNo: **8208672** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.8	1.0	20	0	94.0	70 - 127				
Ethylbenzene	18.81	1.0	20	0	94.1	70 - 124				
Toluene	17.33	1.0	20	0	86.7	70 - 123				
Xylenes, Total	54.37	3.0	60	0	90.6	70 - 130				
Surr: 1,2-Dichloroethane-d4	*48.66*	*1.0*	*50*	*0*	*97.3*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*50.52*	*1.0*	*50*	*0*	*101*	*77 - 113*				
Surr: Dibromofluoromethane	*51.1*	*1.0*	*50*	*0*	*102*	*77 - 123*				
Surr: Toluene-d8	*47.84*	*1.0*	*50*	*0*	*95.7*	*82 - 127*				

MSD Sample ID: **HS24080953-01MSD** Units: **ug/L** Analysis Date: **23-Aug-2024 08:17**
Client ID: Run ID: **VOA7_475304** SeqNo: **8208673** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	17.82	1.0	20	0	89.1	70 - 127	18.8	5.35	20	
Ethylbenzene	17.89	1.0	20	0	89.4	70 - 124	18.81	5.05	20	
Toluene	17.74	1.0	20	0	88.7	70 - 123	17.33	2.29	20	
Xylenes, Total	52.85	3.0	60	0	88.1	70 - 130	54.37	2.83	20	
Surr: 1,2-Dichloroethane-d4	*47.97*	*1.0*	*50*	*0*	*95.9*	*70 - 126*	*48.66*	*1.42*	*20*	
Surr: 4-Bromofluorobenzene	*47.58*	*1.0*	*50*	*0*	*95.2*	*77 - 113*	*50.52*	*5.99*	*20*	
Surr: Dibromofluoromethane	*49.87*	*1.0*	*50*	*0*	*99.7*	*77 - 123*	*51.1*	*2.44*	*20*	
Surr: Toluene-d8	*48.88*	*1.0*	*50*	*0*	*97.8*	*82 - 127*	*47.84*	*2.16*	*20*	

The following samples were analyzed in this batch: HS24080955-01 HS24080955-02 HS24080955-03 HS24080955-04 HS24080955-05 HS24080955-06 HS24080955-07 HS24080955-09 HS24080955-11

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475414 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-240824** Units: **ug/L** Analysis Date: **24-Aug-2024 09:40**
Client ID: Run ID: **VOA4_475414** SeqNo: **8211191** 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	*51.08*	*1.0*	*50*	*0*	*102*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*49.53*	*1.0*	*50*	*0*	*99.1*	*77 - 113*				
Surr: Dibromofluoromethane	*52.21*	*1.0*	*50*	*0*	*104*	*73 - 126*				
Surr: Toluene-d8	*48.74*	*1.0*	*50*	*0*	*97.5*	*81 - 120*				

LCS Sample ID: **VLCSW-240824** Units: **ug/L** Analysis Date: **24-Aug-2024 08:32**
Client ID: Run ID: **VOA4_475414** SeqNo: **8211189** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.86	1.0	20	0	99.3	74 - 120				
Ethylbenzene	20.27	1.0	20	0	101	77 - 117				
Toluene	19.61	1.0	20	0	98.1	77 - 118				
Xylenes, Total	64.1	3.0	60	0	107	75 - 122				
Surr: 1,2-Dichloroethane-d4	*53.36*	*1.0*	*50*	*0*	*107*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52.13*	*1.0*	*50*	*0*	*104*	*77 - 113*				
Surr: Dibromofluoromethane	*52.49*	*1.0*	*50*	*0*	*105*	*73 - 126*				
Surr: Toluene-d8	*50.69*	*1.0*	*50*	*0*	*101*	*81 - 120*				

LCSD Sample ID: **VLCSDW-240824** Units: **ug/L** Analysis Date: **24-Aug-2024 08:54**
Client ID: Run ID: **VOA4_475414** SeqNo: **8211190** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.99	1.0	20	0	94.9	74 - 120	19.86	4.52	20	
Ethylbenzene	19.1	1.0	20	0	95.5	77 - 117	20.27	5.96	20	
Toluene	18.44	1.0	20	0	92.2	77 - 118	19.61	6.15	20	
Xylenes, Total	61.28	3.0	60	0	102	75 - 122	64.1	4.49	20	
Surr: 1,2-Dichloroethane-d4	*54.4*	*1.0*	*50*	*0*	*109*	*70 - 123*	*53.36*	*1.93*	*20*	
Surr: 4-Bromofluorobenzene	*51.37*	*1.0*	*50*	*0*	*103*	*77 - 113*	*52.13*	*1.46*	*20*	
Surr: Dibromofluoromethane	*53.83*	*1.0*	*50*	*0*	*108*	*73 - 126*	*52.49*	*2.52*	*20*	
Surr: Toluene-d8	*50.38*	*1.0*	*50*	*0*	*101*	*81 - 120*	*50.69*	*0.621*	*20*	

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475414 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS24080925-09MS** Units: **ug/L** Analysis Date: **24-Aug-2024 17:48**
Client ID: Run ID: **VOA4_475414** SeqNo: **8211212** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.94	1.0	20	0	105	70 - 127				
Ethylbenzene	21	1.0	20	0	105	70 - 124				
Toluene	19.67	1.0	20	0	98.4	70 - 123				
Xylenes, Total	65.03	3.0	60	0	108	70 - 130				
Surr: 1,2-Dichloroethane-d4	*54.5*	*1.0*	*50*	*0*	*109*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*51.69*	*1.0*	*50*	*0*	*103*	*77 - 113*				
Surr: Dibromofluoromethane	*54.59*	*1.0*	*50*	*0*	*109*	*77 - 123*				
Surr: Toluene-d8	*50.1*	*1.0*	*50*	*0*	*100*	*82 - 127*				

MSD Sample ID: **HS24080925-09MSD** Units: **ug/L** Analysis Date: **24-Aug-2024 18:11**
Client ID: Run ID: **VOA4_475414** SeqNo: **8211213** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.06	1.0	20	0	100	70 - 127	20.94	4.29	20	
Ethylbenzene	20.45	1.0	20	0	102	70 - 124	21	2.66	20	
Toluene	19.38	1.0	20	0	96.9	70 - 123	19.67	1.49	20	
Xylenes, Total	64.17	3.0	60	0	107	70 - 130	65.03	1.33	20	
Surr: 1,2-Dichloroethane-d4	*54.4*	*1.0*	*50*	*0*	*109*	*70 - 126*	*54.5*	*0.172*	*20*	
Surr: 4-Bromofluorobenzene	*52.48*	*1.0*	*50*	*0*	*105*	*77 - 113*	*51.69*	*1.52*	*20*	
Surr: Dibromofluoromethane	*55.22*	*1.0*	*50*	*0*	*110*	*77 - 123*	*54.59*	*1.16*	*20*	
Surr: Toluene-d8	*50.7*	*1.0*	*50*	*0*	*101*	*82 - 127*	*50.1*	*1.19*	*20*	

The following samples were analyzed in this batch: HS24080955-16 HS24080955-17

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475415 (0) **Instrument:** VOA7 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-240823** Units: **ug/L** Analysis Date: **23-Aug-2024 12:02**
Client ID: Run ID: **VOA7_475415** SeqNo: **8211245** 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								
Surr: 1,2-Dichloroethane-d4	*42.62*	*1.0*	*50*	*0*	*85.2*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*46.69*	*1.0*	*50*	*0*	*93.4*	*77 - 113*				
Surr: Dibromofluoromethane	*46.42*	*1.0*	*50*	*0*	*92.8*	*73 - 126*				
Surr: Toluene-d8	*49.58*	*1.0*	*50*	*0*	*99.2*	*81 - 120*				

LCS Sample ID: **VLCSW-240823** Units: **ug/L** Analysis Date: **23-Aug-2024 10:54**
Client ID: Run ID: **VOA7_475415** SeqNo: **8211331** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.02	1.0	20	0	95.1	74 - 120				
Ethylbenzene	19.67	1.0	20	0	98.4	77 - 117				
Surr: 1,2-Dichloroethane-d4	*47.43*	*1.0*	*50*	*0*	*94.9*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*48.21*	*1.0*	*50*	*0*	*96.4*	*77 - 113*				
Surr: Dibromofluoromethane	*50.27*	*1.0*	*50*	*0*	*101*	*73 - 126*				
Surr: Toluene-d8	*48.73*	*1.0*	*50*	*0*	*97.5*	*81 - 120*				

LCSD Sample ID: **VLCSDW-240823** Units: **ug/L** Analysis Date: **23-Aug-2024 11:16**
Client ID: Run ID: **VOA7_475415** SeqNo: **8211332** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	16.75	1.0	20	0	83.8	74 - 120	19.02	12.7	20	
Ethylbenzene	17.21	1.0	20	0	86.1	77 - 117	19.67	13.3	20	
Surr: 1,2-Dichloroethane-d4	*47.78*	*1.0*	*50*	*0*	*95.6*	*70 - 123*	*47.43*	*0.744*	*20*	
Surr: 4-Bromofluorobenzene	*48.49*	*1.0*	*50*	*0*	*97.0*	*77 - 113*	*48.21*	*0.568*	*20*	
Surr: Dibromofluoromethane	*49.89*	*1.0*	*50*	*0*	*99.8*	*73 - 126*	*50.27*	*0.765*	*20*	
Surr: Toluene-d8	*47.06*	*1.0*	*50*	*0*	*94.1*	*81 - 120*	*48.73*	*3.47*	*20*	

The following samples were analyzed in this batch: HS24080955-07

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475418 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-240823** Units: **ug/L** Analysis Date: **23-Aug-2024 23:13**
Client ID: Run ID: **VOA7_475418** SeqNo: **8211337** 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	*43.42*	*1.0*	*50*	*0*	*86.8*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*46.54*	*1.0*	*50*	*0*	*93.1*	*77 - 113*				
Surr: Dibromofluoromethane	*46.48*	*1.0*	*50*	*0*	*93.0*	*73 - 126*				
Surr: Toluene-d8	*49.88*	*1.0*	*50*	*0*	*99.8*	*81 - 120*				

LCS Sample ID: **VLCSW-240823** Units: **ug/L** Analysis Date: **23-Aug-2024 22:04**
Client ID: Run ID: **VOA7_475418** SeqNo: **8211335** 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	19.06	1.0	20	0	95.3	77 - 117				
Toluene	18.4	1.0	20	0	92.0	77 - 118				
Xylenes, Total	54.4	3.0	60	0	90.7	75 - 122				
Surr: 1,2-Dichloroethane-d4	*47.84*	*1.0*	*50*	*0*	*95.7*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*49.46*	*1.0*	*50*	*0*	*98.9*	*77 - 113*				
Surr: Dibromofluoromethane	*50.01*	*1.0*	*50*	*0*	*100*	*73 - 126*				
Surr: Toluene-d8	*50.1*	*1.0*	*50*	*0*	*100*	*81 - 120*				

LCSD Sample ID: **VLCSDW-240823** Units: **ug/L** Analysis Date: **23-Aug-2024 22:27**
Client ID: Run ID: **VOA7_475418** SeqNo: **8211336** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.01	1.0	20	0	90.0	74 - 120	18.33	1.75	20	
Ethylbenzene	18.86	1.0	20	0	94.3	77 - 117	19.06	1.04	20	
Toluene	18.12	1.0	20	0	90.6	77 - 118	18.4	1.55	20	
Xylenes, Total	55.09	3.0	60	0	91.8	75 - 122	54.4	1.26	20	
Surr: 1,2-Dichloroethane-d4	*47.15*	*1.0*	*50*	*0*	*94.3*	*70 - 123*	*47.84*	*1.45*	*20*	
Surr: 4-Bromofluorobenzene	*48.69*	*1.0*	*50*	*0*	*97.4*	*77 - 113*	*49.46*	*1.58*	*20*	
Surr: Dibromofluoromethane	*50.84*	*1.0*	*50*	*0*	*102*	*73 - 126*	*50.01*	*1.65*	*20*	
Surr: Toluene-d8	*49.31*	*1.0*	*50*	*0*	*98.6*	*81 - 120*	*50.1*	*1.59*	*20*	

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475418 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS24081004-24MS** Units: **ug/L** Analysis Date: **24-Aug-2024 07:25**
Client ID: Run ID: **VOA7_475418** SeqNo: **8211360** PrepDate: DF: **25**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	516.8	25	500	65.39	90.3	70 - 127				
Ethylbenzene	442.1	25	500	0	88.4	70 - 124				
Toluene	440.3	25	500	0	88.1	70 - 123				
Xylenes, Total	1301	75	1500	0	86.7	70 - 130				
Surr: 1,2-Dichloroethane-d4	*1207*	*25*	*1250*	*0*	*96.6*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*1228*	*25*	*1250*	*0*	*98.3*	*77 - 113*				
Surr: Dibromofluoromethane	*1248*	*25*	*1250*	*0*	*99.9*	*77 - 123*				
Surr: Toluene-d8	*1210*	*25*	*1250*	*0*	*96.8*	*82 - 127*				

MSD Sample ID: **HS24081004-24MSD** Units: **ug/L** Analysis Date: **24-Aug-2024 07:48**
Client ID: Run ID: **VOA7_475418** SeqNo: **8211361** PrepDate: DF: **25**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	506.7	25	500	65.39	88.3	70 - 127	516.8	1.97	20	
Ethylbenzene	446.7	25	500	0	89.3	70 - 124	442.1	1.03	20	
Toluene	423.5	25	500	0	84.7	70 - 123	440.3	3.89	20	
Xylenes, Total	1251	75	1500	0	83.4	70 - 130	1301	3.93	20	
Surr: 1,2-Dichloroethane-d4	*1240*	*25*	*1250*	*0*	*99.2*	*70 - 126*	*1207*	*2.66*	*20*	
Surr: 4-Bromofluorobenzene	*1255*	*25*	*1250*	*0*	*100*	*77 - 113*	*1228*	*2.12*	*20*	
Surr: Dibromofluoromethane	*1295*	*25*	*1250*	*0*	*104*	*77 - 123*	*1248*	*3.71*	*20*	
Surr: Toluene-d8	*1199*	*25*	*1250*	*0*	*96.0*	*82 - 127*	*1210*	*0.849*	*20*	

The following samples were analyzed in this batch: HS24080955-12 HS24080955-13 HS24080955-14 HS24080955-15

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475562 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MBLK Sample ID: **VBLKW-240826** Units: **ug/L** Analysis Date: **26-Aug-2024 11:50**
Client ID: Run ID: **VOA4_475562** SeqNo: **8214105** 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	*52.38*	*1.0*	*50*	*0*	*105*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*51.54*	*1.0*	*50*	*0*	*103*	*77 - 113*				
Surr: Dibromofluoromethane	*53*	*1.0*	*50*	*0*	*106*	*73 - 126*				
Surr: Toluene-d8	*49.91*	*1.0*	*50*	*0*	*99.8*	*81 - 120*				

LCS Sample ID: **VLCSW-240826** Units: **ug/L** Analysis Date: **26-Aug-2024 10:42**
Client ID: Run ID: **VOA4_475562** SeqNo: **8214103** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.48	1.0	20	0	102	74 - 120				
Ethylbenzene	19.26	1.0	20	0	96.3	77 - 117				
Toluene	19.11	1.0	20	0	95.5	77 - 118				
Xylenes, Total	62.4	3.0	60	0	104	75 - 122				
Surr: 1,2-Dichloroethane-d4	*55.46*	*1.0*	*50*	*0*	*111*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52.21*	*1.0*	*50*	*0*	*104*	*77 - 113*				
Surr: Dibromofluoromethane	*53.36*	*1.0*	*50*	*0*	*107*	*73 - 126*				
Surr: Toluene-d8	*51.32*	*1.0*	*50*	*0*	*103*	*81 - 120*				

LCSD Sample ID: **VLCSDW-240826** Units: **ug/L** Analysis Date: **26-Aug-2024 11:05**
Client ID: Run ID: **VOA4_475562** SeqNo: **8214104** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.33	1.0	20	0	96.7	74 - 120	20.48	5.79	20	
Ethylbenzene	19.14	1.0	20	0	95.7	77 - 117	19.26	0.632	20	
Toluene	18.48	1.0	20	0	92.4	77 - 118	19.11	3.36	20	
Xylenes, Total	60.86	3.0	60	0	101	75 - 122	62.4	2.5	20	
Surr: 1,2-Dichloroethane-d4	*56.24*	*1.0*	*50*	*0*	*112*	*70 - 123*	*55.46*	*1.39*	*20*	
Surr: 4-Bromofluorobenzene	*53.26*	*1.0*	*50*	*0*	*107*	*77 - 113*	*52.21*	*2*	*20*	
Surr: Dibromofluoromethane	*55.01*	*1.0*	*50*	*0*	*110*	*73 - 126*	*53.36*	*3.03*	*20*	
Surr: Toluene-d8	*50.59*	*1.0*	*50*	*0*	*101*	*81 - 120*	*51.32*	*1.44*	*20*	

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475562 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS24080908-01MS** Units: **ug/L** Analysis Date: **26-Aug-2024 20:04**
Client ID: Run ID: **VOA4_475562** SeqNo: **8214126** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.73	1.0	20	0	98.7	70 - 127				
Ethylbenzene	19.11	1.0	20	0	95.5	70 - 124				
Toluene	19.06	1.0	20	0	95.3	70 - 123				
Xylenes, Total	60.04	3.0	60	0	100	70 - 130				
Surr: 1,2-Dichloroethane-d4	*57.36*	*1.0*	*50*	*0*	*115*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*51.24*	*1.0*	*50*	*0*	*102*	*77 - 113*				
Surr: Dibromofluoromethane	*53.86*	*1.0*	*50*	*0*	*108*	*77 - 123*				
Surr: Toluene-d8	*51.25*	*1.0*	*50*	*0*	*103*	*82 - 127*				

MSD Sample ID: **HS24080908-01MSD** Units: **ug/L** Analysis Date: **26-Aug-2024 20:27**
Client ID: Run ID: **VOA4_475562** SeqNo: **8214127** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.55	1.0	20	0	97.8	70 - 127	19.73	0.904	20	
Ethylbenzene	19.25	1.0	20	0	96.2	70 - 124	19.11	0.736	20	
Toluene	18.71	1.0	20	0	93.6	70 - 123	19.06	1.81	20	
Xylenes, Total	59.9	3.0	60	0	99.8	70 - 130	60.04	0.231	20	
Surr: 1,2-Dichloroethane-d4	*58.25*	*1.0*	*50*	*0*	*116*	*70 - 126*	*57.36*	*1.54*	*20*	
Surr: 4-Bromofluorobenzene	*53.34*	*1.0*	*50*	*0*	*107*	*77 - 113*	*51.24*	*4.03*	*20*	
Surr: Dibromofluoromethane	*55.3*	*1.0*	*50*	*0*	*111*	*77 - 123*	*53.86*	*2.64*	*20*	
Surr: Toluene-d8	*51.47*	*1.0*	*50*	*0*	*103*	*82 - 127*	*51.25*	*0.415*	*20*	

The following samples were analyzed in this batch: HS24080955-09 HS24080955-10

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475572 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-240826** Units: **ug/L** Analysis Date: **26-Aug-2024 11:50**
Client ID: Run ID: **VOA7_475572** SeqNo: **8214317** 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	*50.12*	*1.0*	*50*	*0*	*100*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*49.73*	*1.0*	*50*	*0*	*99.5*	*77 - 113*				
Surr: Dibromofluoromethane	*51.8*	*1.0*	*50*	*0*	*104*	*73 - 126*				
Surr: Toluene-d8	*54.06*	*1.0*	*50*	*0*	*108*	*81 - 120*				

LCS Sample ID: **VLCSW-240826** Units: **ug/L** Analysis Date: **26-Aug-2024 10:41**
Client ID: Run ID: **VOA7_475572** SeqNo: **8214315** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.03	1.0	20	0	100	74 - 120				
Ethylbenzene	19.98	1.0	20	0	99.9	77 - 117				
Toluene	19.22	1.0	20	0	96.1	77 - 118				
Xylenes, Total	57.67	3.0	60	0	96.1	75 - 122				
Surr: 1,2-Dichloroethane-d4	*53.58*	*1.0*	*50*	*0*	*107*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*50.47*	*1.0*	*50*	*0*	*101*	*77 - 113*				
Surr: Dibromofluoromethane	*53.81*	*1.0*	*50*	*0*	*108*	*73 - 126*				
Surr: Toluene-d8	*49.53*	*1.0*	*50*	*0*	*99.1*	*81 - 120*				

LCSD Sample ID: **VLCSDW-240826** Units: **ug/L** Analysis Date: **26-Aug-2024 11:04**
Client ID: Run ID: **VOA7_475572** SeqNo: **8214316** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.28	1.0	20	0	96.4	74 - 120	20.03	3.79	20	
Ethylbenzene	18.86	1.0	20	0	94.3	77 - 117	19.98	5.75	20	
Toluene	18.7	1.0	20	0	93.5	77 - 118	19.22	2.71	20	
Xylenes, Total	55.62	3.0	60	0	92.7	75 - 122	57.67	3.62	20	
Surr: 1,2-Dichloroethane-d4	*53.97*	*1.0*	*50*	*0*	*108*	*70 - 123*	*53.58*	*0.728*	*20*	
Surr: 4-Bromofluorobenzene	*50.5*	*1.0*	*50*	*0*	*101*	*77 - 113*	*50.47*	*0.0629*	*20*	
Surr: Dibromofluoromethane	*55.04*	*1.0*	*50*	*0*	*110*	*73 - 126*	*53.81*	*2.26*	*20*	
Surr: Toluene-d8	*48.67*	*1.0*	*50*	*0*	*97.3*	*81 - 120*	*49.53*	*1.74*	*20*	

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475572 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS24081095-09MS** Units: **ug/L** Analysis Date: **26-Aug-2024 20:18**
Client ID: Run ID: **VOA7_475572** SeqNo: **8214338** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	17.77	1.0	20	0.2281	87.7	70 - 127				
Ethylbenzene	17.41	1.0	20	0	87.1	70 - 124				
Toluene	18.8	1.0	20	0.5849	91.1	70 - 123				
Xylenes, Total	52.39	3.0	60	0.6452	86.2	70 - 130				
Surr: 1,2-Dichloroethane-d4	*55.79*	*1.0*	*50*	*0*	*112*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*54.27*	*1.0*	*50*	*0*	*109*	*77 - 113*				
Surr: Dibromofluoromethane	*55.12*	*1.0*	*50*	*0*	*110*	*77 - 123*				
Surr: Toluene-d8	*52.85*	*1.0*	*50*	*0*	*106*	*82 - 127*				

MSD Sample ID: **HS24081095-09MSD** Units: **ug/L** Analysis Date: **26-Aug-2024 20:41**
Client ID: Run ID: **VOA7_475572** SeqNo: **8214339** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	17.22	1.0	20	0.2281	85.0	70 - 127	17.77	3.15	20	
Ethylbenzene	17.47	1.0	20	0	87.4	70 - 124	17.41	0.37	20	
Toluene	17.52	1.0	20	0.5849	84.7	70 - 123	18.8	7.06	20	
Xylenes, Total	45.96	3.0	60	0.6452	75.5	70 - 130	52.39	13.1	20	
Surr: 1,2-Dichloroethane-d4	*52.06*	*1.0*	*50*	*0*	*104*	*70 - 126*	*55.79*	*6.91*	*20*	
Surr: 4-Bromofluorobenzene	*47.76*	*1.0*	*50*	*0*	*95.5*	*77 - 113*	*54.27*	*12.8*	*20*	
Surr: Dibromofluoromethane	*52.31*	*1.0*	*50*	*0*	*105*	*77 - 123*	*55.12*	*5.24*	*20*	
Surr: Toluene-d8	*51.37*	*1.0*	*50*	*0*	*103*	*82 - 127*	*52.85*	*2.84*	*20*	

The following samples were analyzed in this batch: HS24080955-08

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R474719 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MBLK Sample ID: **MBLK** Units: **mg/L** Analysis Date: **16-Aug-2024 07:48**
Client ID: Run ID: **ICS-Integrion_474719** SeqNo: **8196781** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	< 0.100	0.100								
Sulfate	< 0.500	0.500								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **16-Aug-2024 08:00**
Client ID: Run ID: **ICS-Integrion_474719** SeqNo: **8196782** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	4.341	0.100	4	0	109	90 - 110				
Sulfate	21.97	0.500	20	0	110	90 - 110				

MS Sample ID: **HS24080955-08MS** Units: **mg/L** Analysis Date: **16-Aug-2024 06:18**
Client ID: **MW-1R-20240814** Run ID: **ICS-Integrion_474719** SeqNo: **8218588** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	2.073	0.100	2	0	104	80 - 120				
Sulfate	45.51	0.500	10	36.04	94.8	80 - 120				

MS Sample ID: **HS24080347-07MS** Units: **mg/L** Analysis Date: **16-Aug-2024 09:23**
Client ID: Run ID: **ICS-Integrion_474719** SeqNo: **8196791** PrepDate: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	215.1	10.0	200	0.22	107	80 - 120				
Sulfate	3235	50.0	1000	2395	84.0	80 - 120				

MSD Sample ID: **HS24080955-08MSD** Units: **mg/L** Analysis Date: **16-Aug-2024 06:24**
Client ID: **MW-1R-20240814** Run ID: **ICS-Integrion_474719** SeqNo: **8218589** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	2.079	0.100	2	0	104	80 - 120	2.073	0.294	20	
Sulfate	45.81	0.500	10	36.04	97.7	80 - 120	45.51	0.641	20	

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R474719 (0) **Instrument: ICS-Integrion** **Method: ANIONS BY E300.0, REV 2.1, 1993**

MSD Sample ID: **HS24080347-07MSD** Units: **mg/L** Analysis Date: **16-Aug-2024 09:29**
Client ID: Run ID: **ICS-Integrion_474719** SeqNo: **8196792** PrepDate: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrogen, Nitrate (As N)	220.3	10.0	200	0.22	110	80 - 120	215.1	2.39	20	
Sulfate	3284	50.0	1000	2395	88.8	80 - 120	3235	1.49	20	

The following samples were analyzed in this batch: HS24080955-08 HS24080955-09 HS24080955-10 HS24080955-11 HS24080955-12 HS24080955-13

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475156 (0) **Instrument:** TOC_04 **Method:** TOTAL ORGANIC CARBON - SM5310B-2011

MBLK Sample ID: **MBLK-08212024** Units: **mg/L** Analysis Date: **21-Aug-2024 14:12**
Client ID: Run ID: **TOC_04_475156** SeqNo: **8206049** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	< 1.00	1.00								

LCS Sample ID: **LCS-08212024** Units: **mg/L** Analysis Date: **21-Aug-2024 14:24**
Client ID: Run ID: **TOC_04_475156** SeqNo: **8206050** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.551	1.00	10	0	95.5	91 - 109				

LCSD Sample ID: **LCSD-08212024** Units: **mg/L** Analysis Date: **21-Aug-2024 14:34**
Client ID: Run ID: **TOC_04_475156** SeqNo: **8206051** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.437	1.00	10	0	94.4	91 - 109	9.551	1.2	20	

MS Sample ID: **HS24080895-03MS** Units: **mg/L** Analysis Date: **21-Aug-2024 15:53**
Client ID: Run ID: **TOC_04_475156** SeqNo: **8206055** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	41.79	1.00	10	26.82	150	86 - 117				S

The following samples were analyzed in this batch: HS24080955-08 HS24080955-09 HS24080955-10 HS24080955-11 HS24080955-12 HS24080955-13

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: HS24080955

QC BATCH REPORT

Batch ID: R475490 (0) **Instrument:** WetChem_HS **Method:** CHEMICAL OXYGEN DEMAND BY E410.4, REV 2.0, 1993

MBLK Sample ID: **MBLK-R475490** Units: **mg/L** Analysis Date: **26-Aug-2024 14:00**
Client ID: Run ID: **WetChem_HS_475490** SeqNo: **8212665** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	< 15.0	15.0								

LCS Sample ID: **LCS-R475490** Units: **mg/L** Analysis Date: **26-Aug-2024 14:00**
Client ID: Run ID: **WetChem_HS_475490** SeqNo: **8212664** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	99	15.0	100	0	99.0	85 - 115				

MS Sample ID: **HS24080955-08MS** Units: **mg/L** Analysis Date: **26-Aug-2024 14:00**
Client ID: **MW-1R-20240814** Run ID: **WetChem_HS_475490** SeqNo: **8212667** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	51	15.0	50	2	98.0	80 - 120				

MSD Sample ID: **HS24080955-08MSD** Units: **mg/L** Analysis Date: **26-Aug-2024 14:00**
Client ID: **MW-1R-20240814** Run ID: **WetChem_HS_475490** SeqNo: **8212666** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chemical Oxygen Demand	53	15.0	50	2	102	80 - 120	51	3.85	20	

The following samples were analyzed in this batch: HS24080955-08 HS24080955-09 HS24080955-10 HS24080955-11 HS24080955-12 HS24080955-13

ALS Houston, US Date: 29-Aug-24

Client: GHD
Project: Denton Station
WorkOrder: **HS24080955**

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	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: 29-Aug-24

Sample Receipt Checklist

Work Order ID: HS24080955 **Date/Time Received:** 15-Aug-2024 09:45

Client Name: GHDHouston **Received by:** Si Ma

Completed By: /S/ Armand Morgan (eSignature) 15-Aug-2024 15:40 (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):	1.4UC/1.4C 1.0UC/1.0C		IR 34
Cooler(s)/Kit(s):	50639/52313		
Date/Time sample(s) sent to storage:	08/15/24 15:40		
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 Environmental

Laboratory location:

Chain of Custody Form

Page 1 of 2

HS24080955

GHD

12604436-Denton Station

ALS Project Manager:

Customer Information		Project Information			
Purchase Order		Project Name	Denton Station	A	BTEX 8021B
Work Order		Project Number	SRS#:2003-00338	B	Dissolved iron* 6020
Company Name	Plains All American Pipeline LP	Bill To Company	Plains All American Pipeline LP	C	Manganese 6020
Send Report To	Chris Knight	Invoice Attn.	ENV-00 Accounts Payable	D	Nitrate 300
Address	11451 Katy Fwy Suite 400	Address	c/o ENV-00 Accounts Payable	E	Sulfate 300
				F	COD SM5220D
City/State/Zip	Houston,Tx 77079	City/State/Zip	Houston, TX 77320-4648	G	TOC SM5310(SINGLE ANALYSIS)
Phone	713-734-3090	Phone	713-646-4610	H	RSK-175 (Dissolved Gases-Ethane,methane,ethene)
Fax		Fax		I	
e-Mail Address	christopher.knight@ghd.com	e-Mail Address	karolanne.hudgens@plains.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-2R-20240812	8.12.24	13:00	GW	ICE	3	X										
2	MW-5-20240812	8.12.24	15:35			3	X										
3	MW-8-20240813	8.13.24	8:55			3	X										
4	MW-9-20240813	8.13.24	9:35			3	X										
5	MW-19-20240813	8.13.24	11:05			3	X										
6	MW-20-20240813	8.13.24	12:35			3	X										
7	MW-7-20240813	8.13.24	13:55			3	X										
8	MW-1R-20240814	8.14.24	9:10			12	X	X	X	X	X	X	X				
9	MW-3R-20240814	8.14.24	10:00			12	X	X	X	X	X	X	X				
10	MW-4-20240814	8.14.24	11:00			12	X	X	X	X	X	X	X				

Sampler(s): Please Print & Sign Jeannette Trevino Jeannette Trev

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:
Jeannette Trev	8.14.24	14:25	
Relinquished by:	**Date:**	**Time:**	**Received by (Laboratory):**
			SM 08/15/24 0011:45
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
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ TRRP-Checklist
- ☐ TRRP Level IV
- ☐ 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.

Signature denotes acceptance of ALS Group USA, Corp. Terms and Conditions - Please click the link below for detailed Terms & Conditions:

https://www.alsglobal.com/ALSGroupUSACorpTC

Temp Blank 3.4

Coolers 50634 1.4 CF0.0

52313 1.0

ALS Environmental

Laboratory location:

Chain of Custody Form

Page 2 of 2

HS24080955

GHD

12604436-Denton Station

ALS Project Manager:

Customer Information		Project Information			
Purchase Order		Project Name	Denton Station	A	BTEX 8021B
Work Order		Project Number	SRS#:2003-00338	B	Dissolved iron* 6020
Company Name	Plains All American Pipeline LP	Bill To Company	Plains All American Pipeline LP	C	Manganese 6020
Send Report To	Chris Knight	Invoice Attn.	ENV-00 Accounts Payable	D	Nitrate 300
Address	11451 Katy Fwy Suite 400	Address	c/o ENV-00 Accounts Payable	E	Sulfate 300
				F	COD SM5220D
City/State/Zip	Houston,Tx 77079	City/State/Zip	Houston, TX 77320-4648	G	TOC SM5310(SINGLE ANALYSIS)
Phone	713-734-3090	Phone	713-646-4610	H	RSK-175 (Dissolved Gases-Ethane,methane,ethene)
Fax		Fax		I	
e-Mail Address	christopher.knight@ghd.com	e-Mail Address	karolanne.hudgens@plains.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-6-20240814	8-14-24	11:55	GW		12	X	X	X	X	X	X	X	X			
2	MW-17-20240814	8-14-24	12:45			12	X	X	X	X	X	X	X	X			
3	MW-18-20240814	8-14-24	13:45			12	X	X	X	X	X	X	X	X			
4	DUP-01-20240814	8-14-24	-			3	X										
5	DUP-02-20240814	8-14-24	-			3	X										
6	TRIP BLANK	-	-			2	X										
7	TRIP BLANK	-	-			2	X										
8																	
9																	
10																	

Sampler(s): Please Print & Sign Jeannette Trevino Jeanne Trev

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:	Notes: Bill Direct To Plains All American Pipeline LP.
Jeanne Trev	8-14-24	14:25		
Relinquished by:	**Date:**	**Time:**	**Received by (Laboratory):**	**Cooler Temp.**
			GM 08/15/24 09:45	
Logged by (Laboratory):	**Date:**	**Time:**	**Checked by (Laboratory):**	

QC Package: (Check Box Below)

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

Signature denotes acceptance of ALS Group USA, Corp. Terms and Conditions - Please click the link below for detailed Terms & Conditions:

https://www.alsglobal.com/ALSGroupUSACorpTC

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

CUSTODY SEAL
Date: 8.14.24 Time: 2:24 (14:24)
Name: Jeanette Trevino
Company: GHD

Seal Broken By: AM
Date: 8/15/24

Must Deliver Next Business Day
Time and Tempature Sensitive!

ORIGIN ID:SGRA (281) 530-5656
HANK MCCONNELL
GHD
2135 S LOOP 250 W
MIDLAND, TX 79703
UNITED STATES US

SHIP DATE: 08AUG24
ACTWGT: 1.00 LB MAN
CAD: 0221247/CAFE3808

TO SAMPLE RECEIVING
ALS GROUP USA,CORP
10450 STANCLIFF ROAD
SUITE 210
HOUSTON TX 77099
(281) 530-5656
REF: DENTON STATION - BO102642 - LA

RMA:

FedEx Express

FedEx
TRK# 0221 7386 7925 1580

THU - 15 AUG 10:30A
PRIORITY OVERNIGHT

AB SGRA

77099
TX-US IAH

#20265 08/14 583J6/A12D/9AE3

Part # 158469-494 MTW EXP 01/25

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

CUSTODY SEAL
Date: 08.14.24 Time: 2:22 (14:22)
Name: JEANETTE TREVINO
Company: GHD

Seal Broken By: AM
Date: 8/15/24

Must Deliver Next Business Day
Time and Tempature Sensitive!

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

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 8724

THU - 15 AUG 10:30A
PRIORITY OVERNIGHT

AB SGRA

77099
TX-US IAH

Part # 158469-494 MTW EXP 01/25

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

CUSTODY SEAL
Date: 08.14.24 Time: 2:22
Name: JEANETTE TREVINO
Company: GHD

Seal Broken By: AM
Date: 8/15/24

ALS Environmental

Laboratory location:

Chain of Custody Form

Page 1 of 2

HS24080955
GHD
12604436-Denton Station

ALS Project Manager:

Customer Information		Project Information			
Purchase Order		Project Name	Denton Station	A	BTEX 8021B
Work Order		Project Number	SRS#:2003-00338	B	Dissolved iron* 6020
Company Name	Plains All American Pipeline LP	Bill To Company	Plains All American Pipeline LP	C	Manganese 6020
Send Report To	Chris Knight	Invoice Attn.	ENV-00 Accounts Payable	D	Nitrate 300
Address	11451 Katy Fwy Suite 400	Address	c/o ENV-00 Accounts Payable	E	Sulfate 300
				F	COD SM5220D
City/State/Zip	Houston,Tx 77079	City/State/Zip	Houston, TX 77320-4648	G	TOC SM5310(SINGLE ANALYSIS)
Phone	713-734-3090	Phone	713-646-4610	H	RSK-175 (Dissolved Gases-Ethane,methane,ethene)
Fax		Fax		I	
e-Mail Address	christopher.knight@ghd.com	e-Mail Address	karolanne.hudgens@plains.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-2R-20240812	8-12-24	13:00	GW	ICE	3	X										
2	MW-5-20240812	8-12-24	15:35			3	X										
3	MW-8-20240813	8-13-24	8:55			3	X										
4	MW-9-20240813	8-13-24	9:35			3	X										
5	MW-19-20240813	8-13-24	11:05			3	X										
6	MW-20-20240813	8-13-24	12:35			3	X										
7	MW-7-20240813	8-13-24	13:55			3	X										
8	MW-1R-20240814	8-14-24	9:10			12	X	X	X	X	X	X	X				
9	MW-3R-20240814	8-14-24	10:00			12	X	X	X	X	X	X	X				
10	MW-4-20240814	8-14-24	11:00			12	X	X	X	X	X	X	X				

Sampler(s): Please Print & Sign: Jeannette Trevino [signature]

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:
Jeanne Trev [signature]	8-14-24	14:25	
Relinquished by:	Date:	Time:	Received by (Laboratory): SM 08/15/24 09:45
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
- ☐ Level III: Std QC + Raw Data
- ☐ Level IV: SW846 CLP-Like
- ☐ TRRP-Checklist
- ☐ TRRP Level IV
- 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.
Signature denotes acceptance of ALS Group USA, Corp. Terms and Conditions - Please click the link below for detailed Terms & Conditions:
https://www.alsglobal.com/ALSGroupUSACorpTC

Temp gun ???34
Coolers 50639 1.4 CF0.0
52313 1.0

ALS Environmental

Laboratory location:

Chain of Custody Form

Page 2 of 2

HS24080955

GHD

12604436-Denton Station

ALS Project Manager:

Customer Information		Project Information	
Purchase Order		Project Name	Denton Station
Work Order		Project Number	SRS#:2003-00338
Company Name	Plains All American Pipeline LP	Bill To Company	Plains All American Pipeline LP
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	christopher.knight@ghd.com	e-Mail Address	karolanne.hudgens@plains.com

A	BTEX 8021B
B	Dissolved iron* 6020
C	Manganese 6020
D	Nitrate 300
E	Sulfate 300
F	COD SM5220D
G	TOC SM5310(SINGLE ANALYSIS)
H	RSK-175 (Dissolved Gases-Ethane,methane,ethene)
I	
J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-6-20240814	8-14-24	11:55	GW		12	X	X	X	X	X	X	X	X			
2	MW-17-20240814	8-14-24	12:45			12	X	X	X	X	X	X	X	X			
3	MW-18-20240814	8-14-24	13:45			12	X	X	X	X	X	X	X	X			
4	DUP-01-20240814	8-14-24	—			3	X										
5	DUP-02-20240814	8-14-24	—			3	X										
6	TRIP BLANK	—	—			2	X										
7	TRIP BLANK	—	—			2	X										
8																	
9																	
10																	

Sampler(s): Please Print & Sign

Jeannette Trevino Jeanne Trev

Shipment Method:

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

Results Due Date:

Relinquished by: Jeanne Trev	Date: 8-14-24	Time: 14:25	Received by:	Notes: Bill Direct To Plains All American Pipeline LP.	
Relinquished by:	Date:	Time:	Received by (Laboratory): SM 08/15/24 09:45	Cooler Temp.	QC Package: (Check Box Below)
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):		☐ Level II: Standard QC ☐ TRRP-Checklist ☐ Level III: Std QC + Raw Data ☐ TRRP Level IV ☐ Level IV: SW846 CLP-Like ☐ Other: _____

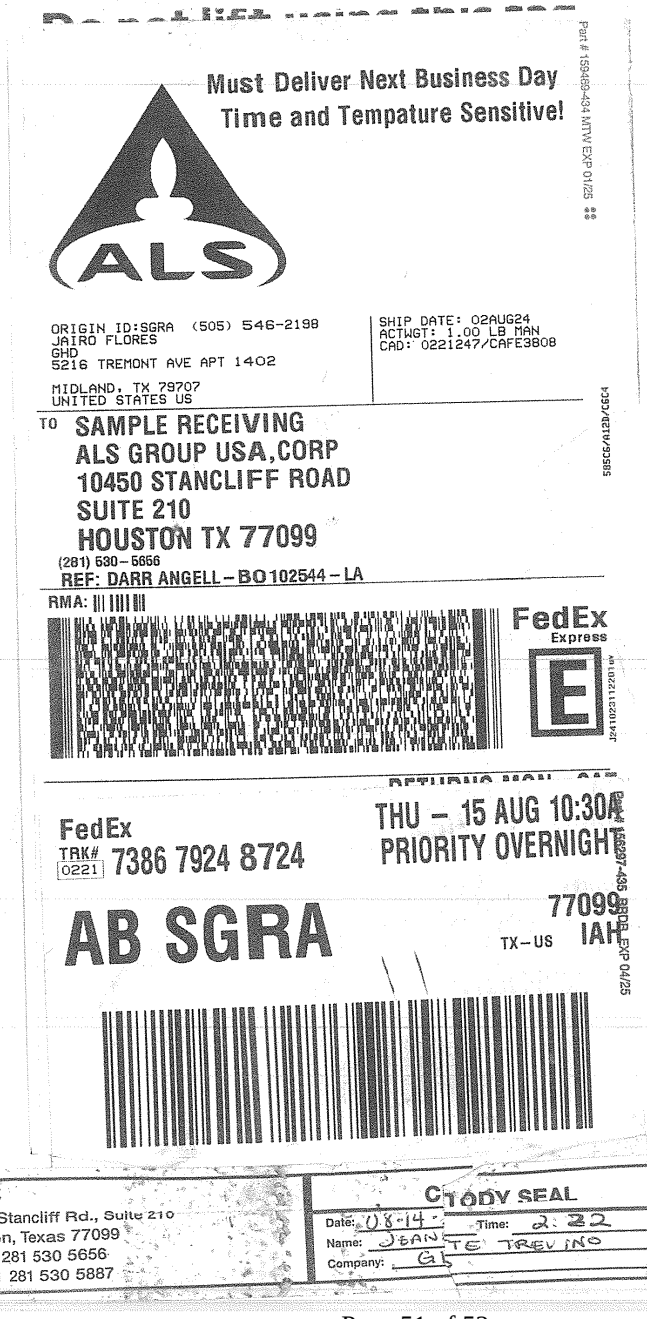
Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
Signature denotes acceptance of ALS Group USA, Corp. Terms and Conditions - Please click the link below for detailed Terms & Conditions:
https://www.alsglobal.com/ALSGroupUSACorpTC

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

CUSTODY SEAL
Date: 08-14-24 Time: 2:22 (14:22)
Name: JEANETTE TREVINO
Company: GHD

Seal Broken By: AM
Date: 8/15/24



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

CUSTODY SEAL
Date: 08-14-24 Time: 2:22
Name: JEANETTE TREVINO
Company: GHD

Seal Broken By: AM
Date: 8/15/24

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

CUSTODY SEAL
Date: 8.14.24 Time: 2:24 (14:24)
Name: Jeanette Trevino
Company: GHD

Seal Broken By: AM
Date: 8/15/24

Must Deliver Next Business Day
Time and Tempature Sensitive!

ORIGIN ID:SGRA (281) 530-5656
HANK MCCONNELL
GHD
2135 S LOOP 250 W
MIDLAND, TX 79703
UNITED STATES US

SHIP DATE: 08AUG24
ACTWGT: 1.00 LB MAN
CAD: 0221247/CAFE3808

TO SAMPLE RECEIVING
ALS GROUP USA,CORP
10450 STANCLIFF ROAD
SUITE 210
HOUSTON TX 77099
(281) 530-5656
REF: DENTON STATION - BO102642 - LA

RMA:

FedEx Express

FedEx
TRK# 0221 7386 7925 1580

THU - 15 AUG 10:30A
PRIORITY OVERNIGHT

AB SGRA

77099
TX-US IAH

#20265 08/14 5B3J6/A12D/9AE3

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

January 24, 2025

Hank McConnell
GHDHouston
11451 Katy Freeway
Suite 400
Houston, TX 77079

Work Order: **HS24110493**

Laboratory Results for: **Denton Station SRS #2003-00338**

Dear Hank McConnell,

ALS Environmental received 15 sample(s) on Nov 08, 2024 for the analysis presented in the following report.

This is a REVISED REPORT. Please see the Case Narrative for discussion concerning this revision.

Regards,

Generated By: DAYNA.FISHER
Alexis Dorenbosch

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Work Order: HS24110493

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24110493-01	12604436-MW-2R-20241107	Groundwater		07-Nov-2024 11:00	08-Nov-2024 09:20	☐
HS24110493-02	12604436-MW-5-20241107	Groundwater		07-Nov-2024 11:20	08-Nov-2024 09:20	☐
HS24110493-03	12604436-MW-8-20241107	Groundwater		07-Nov-2024 12:05	08-Nov-2024 09:20	☐
HS24110493-04	12604436-MW-9-20241107	Groundwater		07-Nov-2024 12:25	08-Nov-2024 09:20	☐
HS24110493-05	12604436-MW-18-20241107	Groundwater		07-Nov-2024 13:30	08-Nov-2024 09:20	☐
HS24110493-06	12604436-MW-17-20241107	Groundwater		07-Nov-2024 14:10	08-Nov-2024 09:20	☐
HS24110493-07	12604436-MW-19-20241107	Groundwater		07-Nov-2024 09:38	08-Nov-2024 09:20	☐
HS24110493-08	12604436-MW-20-20241107	Groundwater		07-Nov-2024 10:00	08-Nov-2024 09:20	☐
HS24110493-09	12604436-MW-3R-20241107	Groundwater		07-Nov-2024 10:40	08-Nov-2024 09:20	☐
HS24110493-10	12604436-MW-4-20241107	Groundwater		07-Nov-2024 11:30	08-Nov-2024 09:20	☐
HS24110493-11	12604436-MW-6-20241107	Groundwater		07-Nov-2024 12:40	08-Nov-2024 09:20	☐
HS24110493-12	12604436-MW-7-20241107	Groundwater		07-Nov-2024 13:30	08-Nov-2024 09:20	☐
HS24110493-13	12604436-MW-Dup-01-20241107	Groundwater		07-Nov-2024 00:00	08-Nov-2024 09:20	☐
HS24110493-14	12604436-MW-Dup-02-20241107	Groundwater		07-Nov-2024 00:00	08-Nov-2024 09:20	☐
HS24110493-15	Trip Blank	Water	CG-082224-792	07-Nov-2024 00:00	08-Nov-2024 09:20	☐

Revision:1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston **CASE NARRATIVE**
Project: Denton Station SRS #2003-00338
Work Order: HS24110493

Work Order Comments

• Report revised on 1/24/2025 to include additional compounds for 8270 analysis.

GCMS Semivolatiles by Method SW8270

Batch ID: 220418

Sample ID: 12604436-MW-17-20241107 (HS24110493-06)

• The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

Sample ID: 12604436-MW-3R-20241107 (HS24110493-09)

• The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

Sample ID: 12604436-MW-7-20241107 (HS24110493-12)

• The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

Sample ID: LCS-220418

• LCS was spiked at 2X the normal concentration

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: R499675

Sample ID: HS24110466-02MS

• MS and MSD are for an unrelated sample

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-2R-20241107
Collection Date: 07-Nov-2024 11:00

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-01
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	11-Nov-2024 17:45
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 17:45
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 17:45
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 17:45
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*11-Nov-2024 17:45*
Surr: 4-Bromofluorobenzene	*99.6*		*77-113*	*%REC*	*1*	*11-Nov-2024 17:45*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*11-Nov-2024 17:45*
Surr: Toluene-d8	*103*		*82-127*	*%REC*	*1*	*11-Nov-2024 17:45*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-5-20241107
Collection Date: 07-Nov-2024 11:20

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-02
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 18:07
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 18:07
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 18:07
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 18:07
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*11-Nov-2024 18:07*
Surr: 4-Bromofluorobenzene	*99.3*		*77-113*	*%REC*	*1*	*11-Nov-2024 18:07*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*11-Nov-2024 18:07*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*11-Nov-2024 18:07*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-8-20241107
Collection Date: 07-Nov-2024 12:05

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-03
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 18:28
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 18:28
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 18:28
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 18:28
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*11-Nov-2024 18:28*
Surr: 4-Bromofluorobenzene	*97.2*		*77-113*	*%REC*	*1*	*11-Nov-2024 18:28*
Surr: Dibromofluoromethane	*104*		*77-123*	*%REC*	*1*	*11-Nov-2024 18:28*
Surr: Toluene-d8	*105*		*82-127*	*%REC*	*1*	*11-Nov-2024 18:28*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-9-20241107
Collection Date: 07-Nov-2024 12:25

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-04
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 18:49
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 18:49
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 18:49
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 18:49
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*11-Nov-2024 18:49*
Surr: 4-Bromofluorobenzene	*97.7*		*77-113*	*%REC*	*1*	*11-Nov-2024 18:49*
Surr: Dibromofluoromethane	*106*		*77-123*	*%REC*	*1*	*11-Nov-2024 18:49*
Surr: Toluene-d8	*103*		*82-127*	*%REC*	*1*	*11-Nov-2024 18:49*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-18-20241107
Collection Date: 07-Nov-2024 13:30

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-05
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	11-Nov-2024 19:11
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 19:11
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 19:11
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 19:11
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*11-Nov-2024 19:11*
Surr: 4-Bromofluorobenzene	*101*		*77-113*	*%REC*	*1*	*11-Nov-2024 19:11*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*11-Nov-2024 19:11*
Surr: Toluene-d8	*98.2*		*82-127*	*%REC*	*1*	*11-Nov-2024 19:11*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-17-20241107
Collection Date: 07-Nov-2024 14:10

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: DP
Benzene	**0.016**		**0.0010**	**mg/L**	1	11-Nov-2024 19:32
Ethylbenzene	**0.044**		**0.0010**	**mg/L**	1	11-Nov-2024 19:32
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 19:32
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 19:32
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*11-Nov-2024 19:32*
Surr: 4-Bromofluorobenzene	*96.5*		*77-113*	*%REC*	*1*	*11-Nov-2024 19:32*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*11-Nov-2024 19:32*
Surr: Toluene-d8	*98.7*		*82-127*	*%REC*	*1*	*11-Nov-2024 19:32*
LOW-LEVEL SEMIVOLATILES BY 8270D		**Method:SW8270**		Prep:SW3510 / 12-Nov-2024		Analyst: GEY
1-Methylnaphthalene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
2-Methylnaphthalene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Acenaphthene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Acenaphthylene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Anthracene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Benz(a)anthracene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Benzo(a)pyrene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Benzo(b)fluoranthene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Benzo(g,h,i)perylene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Benzo(k)fluoranthene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Chrysene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Dibenz(a,h)anthracene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Dibenzofuran	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Fluoranthene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Fluorene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Indeno(1,2,3-cd)pyrene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Naphthalene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Phenanthrene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Pyrene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:02
Surr: 2,4,6-Tribromophenol	*50.1*		*34-129*	*%REC*	*10*	*14-Nov-2024 20:02*
Surr: 2-Fluorobiphenyl	*71.2*		*40-125*	*%REC*	*10*	*14-Nov-2024 20:02*
Surr: 2-Fluorophenol	*54.5*		*20-120*	*%REC*	*10*	*14-Nov-2024 20:02*
Surr: 4-Terphenyl-d14	*73.4*		*40-135*	*%REC*	*10*	*14-Nov-2024 20:02*
Surr: Nitrobenzene-d5	*74.0*		*41-120*	*%REC*	*10*	*14-Nov-2024 20:02*
Surr: Phenol-d6	*48.1*		*20-120*	*%REC*	*10*	*14-Nov-2024 20:02*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-19-20241107
Collection Date: 07-Nov-2024 09:38

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-07
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 19:53
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 19:53
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 19:53
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 19:53
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*11-Nov-2024 19:53*
Surr: 4-Bromofluorobenzene	*99.5*		*77-113*	*%REC*	*1*	*11-Nov-2024 19:53*
Surr: Dibromofluoromethane	*106*		*77-123*	*%REC*	*1*	*11-Nov-2024 19:53*
Surr: Toluene-d8	*98.0*		*82-127*	*%REC*	*1*	*11-Nov-2024 19:53*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-20-20241107
Collection Date: 07-Nov-2024 10:00

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-08
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 20:14
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 20:14
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 20:14
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 20:14
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*11-Nov-2024 20:14*
Surr: 4-Bromofluorobenzene	*98.0*		*77-113*	*%REC*	*1*	*11-Nov-2024 20:14*
Surr: Dibromofluoromethane	*106*		*77-123*	*%REC*	*1*	*11-Nov-2024 20:14*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*1*	*11-Nov-2024 20:14*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-3R-20241107
Collection Date: 07-Nov-2024 10:40

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: DP
Benzene	**4.2**		**0.050**	**mg/L**	50	12-Nov-2024 13:33
Ethylbenzene	**0.48**		**0.050**	**mg/L**	50	12-Nov-2024 13:33
Toluene	**0.37**		**0.050**	**mg/L**	50	12-Nov-2024 13:33
Xylenes, Total	**0.87**		**0.15**	**mg/L**	50	12-Nov-2024 13:33
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*50*	*12-Nov-2024 13:33*
Surr: 4-Bromofluorobenzene	*96.4*		*77-113*	*%REC*	*50*	*12-Nov-2024 13:33*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*50*	*12-Nov-2024 13:33*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*50*	*12-Nov-2024 13:33*
LOW-LEVEL SEMIVOLATILES BY 8270D		**Method:SW8270**		Prep:SW3510 / 12-Nov-2024		Analyst: GEY
1-Methylnaphthalene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
2-Methylnaphthalene	**0.0086**		**0.0010**	**mg/L**	10	14-Nov-2024 20:25
Acenaphthene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Acenaphthylene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Anthracene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Benz(a)anthracene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Benzo(a)pyrene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Benzo(b)fluoranthene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Benzo(g,h,i)perylene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Benzo(k)fluoranthene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Chrysene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Dibenz(a,h)anthracene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Dibenzofuran	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Fluoranthene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Fluorene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Indeno(1,2,3-cd)pyrene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Naphthalene	**0.011**		**0.0010**	**mg/L**	10	14-Nov-2024 20:25
Phenanthrene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Pyrene	< 0.0010		0.0010	mg/L	10	14-Nov-2024 20:25
Surr: 2,4,6-Tribromophenol	*42.1*		*34-129*	*%REC*	*10*	*14-Nov-2024 20:25*
Surr: 2-Fluorobiphenyl	*62.9*		*40-125*	*%REC*	*10*	*14-Nov-2024 20:25*
Surr: 2-Fluorophenol	*50.8*		*20-120*	*%REC*	*10*	*14-Nov-2024 20:25*
Surr: 4-Terphenyl-d14	*68.1*		*40-135*	*%REC*	*10*	*14-Nov-2024 20:25*
Surr: Nitrobenzene-d5	*70.5*		*41-120*	*%REC*	*10*	*14-Nov-2024 20:25*
Surr: Phenol-d6	*50.8*		*20-120*	*%REC*	*10*	*14-Nov-2024 20:25*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-4-20241107
Collection Date: 07-Nov-2024 11:30

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-10
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 10:42
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 10:42
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 10:42
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 10:42
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*12-Nov-2024 10:42*
Surr: 4-Bromofluorobenzene	*98.1*		*77-113*	*%REC*	*1*	*12-Nov-2024 10:42*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*12-Nov-2024 10:42*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*1*	*12-Nov-2024 10:42*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-6-20241107
Collection Date: 07-Nov-2024 12:40

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-11
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 11:04
Ethylbenzene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 11:04
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 11:04
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 11:04
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*12-Nov-2024 11:04*
Surr: 4-Bromofluorobenzene	*95.9*		*77-113*	*%REC*	*1*	*12-Nov-2024 11:04*
Surr: Dibromofluoromethane	*106*		*77-123*	*%REC*	*1*	*12-Nov-2024 11:04*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*12-Nov-2024 11:04*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-7-20241107
Collection Date: 07-Nov-2024 13:30

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: DP
Benzene	**3.8**		**0.050**	**mg/L**	50	12-Nov-2024 13:54
Ethylbenzene	**0.58**		**0.050**	**mg/L**	50	12-Nov-2024 13:54
Toluene	**0.35**		**0.050**	**mg/L**	50	12-Nov-2024 13:54
Xylenes, Total	**1.2**		**0.15**	**mg/L**	50	12-Nov-2024 13:54
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*50*	*12-Nov-2024 13:54*
Surr: 4-Bromofluorobenzene	*96.4*		*77-113*	*%REC*	*50*	*12-Nov-2024 13:54*
Surr: Dibromofluoromethane	*107*		*77-123*	*%REC*	*50*	*12-Nov-2024 13:54*
Surr: Toluene-d8	*104*		*82-127*	*%REC*	*50*	*12-Nov-2024 13:54*
LOW-LEVEL SEMIVOLATILES BY 8270D		**Method:SW8270**		Prep:SW3510 / 12-Nov-2024		Analyst: GEY
1-Methylnaphthalene	**0.012**		**0.0010**	**mg/L**	10	13-Nov-2024 20:22
2-Methylnaphthalene	**0.012**		**0.0010**	**mg/L**	10	13-Nov-2024 20:22
Acenaphthene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Acenaphthylene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Anthracene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Benz(a)anthracene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Benzo(a)pyrene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Benzo(b)fluoranthene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Benzo(g,h,i)perylene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Benzo(k)fluoranthene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Chrysene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Dibenz(a,h)anthracene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Dibenzofuran	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Fluoranthene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Fluorene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Indeno(1,2,3-cd)pyrene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Naphthalene	**0.021**		**0.0010**	**mg/L**	10	13-Nov-2024 20:22
Phenanthrene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Pyrene	< 0.0010		0.0010	mg/L	10	13-Nov-2024 20:22
Surr: 2,4,6-Tribromophenol	*58.0*		*34-129*	*%REC*	*10*	*13-Nov-2024 20:22*
Surr: 2-Fluorobiphenyl	*64.7*		*40-125*	*%REC*	*10*	*13-Nov-2024 20:22*
Surr: 2-Fluorophenol	*37.0*	*J*	*20-120*	*%REC*	*10*	*13-Nov-2024 20:22*
Surr: 4-Terphenyl-d14	*59.5*		*40-135*	*%REC*	*10*	*13-Nov-2024 20:22*
Surr: Nitrobenzene-d5	*94.6*		*41-120*	*%REC*	*10*	*13-Nov-2024 20:22*
Surr: Phenol-d6	*49.6*		*20-120*	*%REC*	*10*	*13-Nov-2024 20:22*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-Dup-01-20241107
Collection Date: 07-Nov-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-13
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: DP
Benzene	**4.5**		**0.050**	**mg/L**	50	12-Nov-2024 14:15
Ethylbenzene	**0.51**		**0.050**	**mg/L**	50	12-Nov-2024 14:15
Toluene	**0.36**		**0.050**	**mg/L**	50	12-Nov-2024 14:15
Xylenes, Total	**0.93**		**0.15**	**mg/L**	50	12-Nov-2024 14:15
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*50*	*12-Nov-2024 14:15*
Surr: 4-Bromofluorobenzene	*96.1*		*77-113*	*%REC*	*50*	*12-Nov-2024 14:15*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*50*	*12-Nov-2024 14:15*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*50*	*12-Nov-2024 14:15*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: 12604436-MW-Dup-02-20241107
Collection Date: 07-Nov-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: DP
Benzene	**0.017**		**0.0010**	**mg/L**	1	12-Nov-2024 11:25
Ethylbenzene	**0.048**		**0.0010**	**mg/L**	1	12-Nov-2024 11:25
Toluene	< 0.0010		0.0010	mg/L	1	12-Nov-2024 11:25
Xylenes, Total	< 0.0030		0.0030	mg/L	1	12-Nov-2024 11:25
Surr: 1,2-Dichloroethane-d4	*105*		*70-126*	*%REC*	*1*	*12-Nov-2024 11:25*
Surr: 4-Bromofluorobenzene	*96.4*		*77-113*	*%REC*	*1*	*12-Nov-2024 11:25*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*12-Nov-2024 11:25*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*12-Nov-2024 11:25*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
Sample ID: Trip Blank
Collection Date: 07-Nov-2024 00:00

ANALYTICAL REPORT
WorkOrder:HS24110493
Lab ID:HS24110493-15
Matrix:Water

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 17:24
Ethylbenzene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 17:24
Toluene	< 0.0010		0.0010	mg/L	1	11-Nov-2024 17:24
Xylenes, Total	< 0.0030		0.0030	mg/L	1	11-Nov-2024 17:24
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*11-Nov-2024 17:24*
Surr: 4-Bromofluorobenzene	*99.9*		*77-113*	*%REC*	*1*	*11-Nov-2024 17:24*
Surr: Dibromofluoromethane	*104*		*77-123*	*%REC*	*1*	*11-Nov-2024 17:24*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*11-Nov-2024 17:24*

Note: See Qualifiers Page for a list of qualifiers and their explanation. **Revision:** 1

ALS Houston, US

Date: 24-Jan-25

Weight / Prep Log

Client: GHDHouston
Project: Denton Station SRS #2003-00338
WorkOrder: HS24110493

Batch ID: 220418 **Start Date:** 12 Nov 2024 10:44 **End Date:** 12 Nov 2024 10:44
Method: SV AQ SEP FUN EXTRACT-LOWLEV - 3510C **Prep Code:** 3510_B_LOW

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24110493-06	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS24110493-09	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS24110493-12	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat

Revision: 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
WorkOrder: HS24110493

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 220418 (0)	**Test Name :** LOW-LEVEL SEMIVOLATILES BY 8270D				**Matrix:** Groundwater	
HS24110493-06	12604436-MW-17-20241107	07 Nov 2024 14:10		12 Nov 2024 10:44	14 Nov 2024 20:02	10
HS24110493-09	12604436-MW-3R-20241107	07 Nov 2024 10:40		12 Nov 2024 10:44	14 Nov 2024 20:25	10
HS24110493-12	12604436-MW-7-20241107	07 Nov 2024 13:30		12 Nov 2024 10:44	13 Nov 2024 20:22	10
Batch ID: R499675 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24110493-09	12604436-MW-3R-20241107	07 Nov 2024 10:40			12 Nov 2024 13:33	50
HS24110493-10	12604436-MW-4-20241107	07 Nov 2024 11:30			12 Nov 2024 10:42	1
HS24110493-11	12604436-MW-6-20241107	07 Nov 2024 12:40			12 Nov 2024 11:04	1
HS24110493-12	12604436-MW-7-20241107	07 Nov 2024 13:30			12 Nov 2024 13:54	50
HS24110493-13	12604436-MW-Dup-01-20241107	07 Nov 2024 00:00			12 Nov 2024 14:15	50
HS24110493-14	12604436-MW-Dup-02-20241107	07 Nov 2024 00:00			12 Nov 2024 11:25	1
Batch ID: R499684 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS24110493-15	Trip Blank	07 Nov 2024 00:00			11 Nov 2024 17:24	1
Batch ID: R499684 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS24110493-01	12604436-MW-2R-20241107	07 Nov 2024 11:00			11 Nov 2024 17:45	1
HS24110493-02	12604436-MW-5-20241107	07 Nov 2024 11:20			11 Nov 2024 18:07	1
HS24110493-03	12604436-MW-8-20241107	07 Nov 2024 12:05			11 Nov 2024 18:28	1
HS24110493-04	12604436-MW-9-20241107	07 Nov 2024 12:25			11 Nov 2024 18:49	1
HS24110493-05	12604436-MW-18-20241107	07 Nov 2024 13:30			11 Nov 2024 19:11	1
HS24110493-06	12604436-MW-17-20241107	07 Nov 2024 14:10			11 Nov 2024 19:32	1
HS24110493-07	12604436-MW-19-20241107	07 Nov 2024 09:38			11 Nov 2024 19:53	1
HS24110493-08	12604436-MW-20-20241107	07 Nov 2024 10:00			11 Nov 2024 20:14	1

Revision: 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
WorkOrder: HS24110493

QC BATCH REPORT

Batch ID: 220418 (0) **Instrument: SV-7** **Method: LOW-LEVEL SEMIVOLATILES BY 8270D**

MBLK Sample ID: **MBLK-220418** Units: **ug/L** Analysis Date: **13-Nov-2024 15:04**
Client ID: Run ID: **SV-7_499883** SeqNo: **8521393** PrepDate: **12-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	< 0.10	0.10							
2-Methylnaphthalene	< 0.10	0.10							
Acenaphthene	< 0.10	0.10							
Acenaphthylene	< 0.10	0.10							
Anthracene	< 0.10	0.10							
Benz(a)anthracene	< 0.10	0.10							
Benzo(a)pyrene	< 0.10	0.10							
Benzo(b)fluoranthene	< 0.10	0.10							
Benzo(g,h,i)perylene	< 0.10	0.10							
Benzo(k)fluoranthene	< 0.10	0.10							
Chrysene	< 0.10	0.10							
Dibenz(a,h)anthracene	< 0.10	0.10							
Dibenzofuran	< 0.10	0.10							
Fluoranthene	< 0.10	0.10							
Fluorene	< 0.10	0.10							
Indeno(1,2,3-cd)pyrene	< 0.10	0.10							
Naphthalene	< 0.10	0.10							
Phenanthrene	< 0.10	0.10							
Pyrene	< 0.10	0.10							
Surr: 2,4,6-Tribromophenol	*2.772*	*0.20*	*5*	*0*	*55.4*	*34 - 129*			
Surr: 2-Fluorobiphenyl	*3.251*	*0.20*	*5*	*0*	*65.0*	*40 - 125*			
Surr: 2-Fluorophenol	*2.953*	*0.20*	*5*	*0*	*59.1*	*20 - 120*			
Surr: 4-Terphenyl-d14	*3.388*	*0.20*	*5*	*0*	*67.8*	*40 - 135*			
Surr: Nitrobenzene-d5	*2.954*	*0.20*	*5*	*0*	*59.1*	*41 - 120*			
Surr: Phenol-d6	*2.471*	*0.20*	*5*	*0*	*49.4*	*20 - 120*			

Revision: 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
WorkOrder: HS24110493

QC BATCH REPORT

Batch ID: 220418 (0) **Instrument: SV-7** **Method: LOW-LEVEL SEMIVOLATILES BY 8270D**

LCS Sample ID: **LCS-220418** Units: **ug/L** Analysis Date: **13-Nov-2024 13:55**
Client ID: Run ID: **SV-7_499883** SeqNo: **8521391** PrepDate: **12-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.233	0.10	5	0	64.7	45 - 120				
2-Methylnaphthalene	2.92	0.10	5	0	58.4	50 - 120				
Acenaphthene	3.048	0.10	5	0	61.0	45 - 120				
Acenaphthylene	3.06	0.10	5	0	61.2	47 - 120				
Anthracene	3.185	0.10	5	0	63.7	45 - 120				
Benz(a)anthracene	3.152	0.10	5	0	63.0	40 - 120				
Benzo(a)pyrene	3.304	0.10	5	0	66.1	45 - 120				
Benzo(b)fluoranthene	3.535	0.10	5	0	70.7	50 - 120				
Benzo(g,h,i)perylene	3.524	0.10	5	0	70.5	42 - 127				
Benzo(k)fluoranthene	3.276	0.10	5	0	65.5	45 - 127				
Chrysene	3.071	0.10	5	0	61.4	43 - 120				
Dibenz(a,h)anthracene	3.798	0.10	5	0	76.0	45 - 125				
Dibenzofuran	3.051	0.10	5	0	61.0	50 - 120				
Fluoranthene	3.273	0.10	5	0	65.5	45 - 125				
Fluorene	3.109	0.10	5	0	62.2	49 - 120				
Indeno(1,2,3-cd)pyrene	4.005	0.10	5	0	80.1	41 - 128				
Naphthalene	3.111	0.10	5	0	62.2	45 - 120				
Phenanthrene	3.148	0.10	5	0	63.0	45 - 121				
Pyrene	2.779	0.10	5	0	55.6	40 - 130				
Surr: 2,4,6-Tribromophenol	*3.783*	*0.20*	*5*	*0*	*75.7*	*34 - 129*				
Surr: 2-Fluorobiphenyl	*3.216*	*0.20*	*5*	*0*	*64.3*	*40 - 125*				
Surr: 2-Fluorophenol	*2.356*	*0.20*	*5*	*0*	*47.1*	*20 - 120*				
Surr: 4-Terphenyl-d14	*3.175*	*0.20*	*5*	*0*	*63.5*	*40 - 135*				
Surr: Nitrobenzene-d5	*3.086*	*0.20*	*5*	*0*	*61.7*	*41 - 120*				
Surr: Phenol-d6	*2.71*	*0.20*	*5*	*0*	*54.2*	*20 - 120*				

Revision: 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
WorkOrder: HS24110493

QC BATCH REPORT

Batch ID: 220418 (0) **Instrument: SV-7** **Method: LOW-LEVEL SEMIVOLATILES BY 8270D**

LCSD Sample ID: **LCSD-220418** Units: **ug/L** Analysis Date: **13-Nov-2024 14:18**
Client ID: Run ID: **SV-7_499883** SeqNo: **8521392** PrepDate: **12-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1-Methylnaphthalene	3.329	0.10	5	0	66.6	45 - 120	3.233	2.93	20	
2-Methylnaphthalene	3.105	0.10	5	0	62.1	50 - 120	2.92	6.15	20	
Acenaphthene	2.941	0.10	5	0	58.8	45 - 120	3.048	3.58	20	
Acenaphthylene	3.123	0.10	5	0	62.5	47 - 120	3.06	2.05	20	
Anthracene	3.104	0.10	5	0	62.1	45 - 120	3.185	2.56	20	
Benz(a)anthracene	3.156	0.10	5	0	63.1	40 - 120	3.152	0.111	20	
Benzo(a)pyrene	3.295	0.10	5	0	65.9	45 - 120	3.304	0.257	20	
Benzo(b)fluoranthene	3.578	0.10	5	0	71.6	50 - 120	3.535	1.21	20	
Benzo(g,h,i)perylene	3.397	0.10	5	0	67.9	42 - 127	3.524	3.65	20	
Benzo(k)fluoranthene	3.174	0.10	5	0	63.5	45 - 127	3.276	3.17	20	
Chrysene	3.107	0.10	5	0	62.1	43 - 120	3.071	1.18	20	
Dibenz(a,h)anthracene	3.675	0.10	5	0	73.5	45 - 125	3.798	3.28	20	
Dibenzofuran	3.103	0.10	5	0	62.1	50 - 120	3.051	1.68	20	
Fluoranthene	3.205	0.10	5	0	64.1	45 - 125	3.273	2.08	20	
Fluorene	3.063	0.10	5	0	61.3	49 - 120	3.109	1.47	20	
Indeno(1,2,3-cd)pyrene	3.725	0.10	5	0	74.5	41 - 128	4.005	7.25	20	
Naphthalene	3.203	0.10	5	0	64.1	45 - 120	3.111	2.91	20	
Phenanthrene	3.047	0.10	5	0	60.9	45 - 121	3.148	3.24	20	
Pyrene	2.831	0.10	5	0	56.6	40 - 130	2.779	1.88	20	
Surr: 2,4,6-Tribromophenol	*3.616*	*0.20*	*5*	*0*	*72.3*	*34 - 129*	*3.783*	*4.53*	*20*	
Surr: 2-Fluorobiphenyl	*3.266*	*0.20*	*5*	*0*	*65.3*	*40 - 125*	*3.216*	*1.54*	*20*	
Surr: 2-Fluorophenol	*2.644*	*0.20*	*5*	*0*	*52.9*	*20 - 120*	*2.356*	*11.5*	*20*	
Surr: 4-Terphenyl-d14	*3.135*	*0.20*	*5*	*0*	*62.7*	*40 - 135*	*3.175*	*1.28*	*20*	
Surr: Nitrobenzene-d5	*3.211*	*0.20*	*5*	*0*	*64.2*	*41 - 120*	*3.086*	*3.96*	*20*	
Surr: Phenol-d6	*2.911*	*0.20*	*5*	*0*	*58.2*	*20 - 120*	*2.71*	*7.16*	*20*	

The following samples were analyzed in this batch: HS24110493-06 HS24110493-09 HS24110493-12

Revision: 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
WorkOrder: HS24110493

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*				

Revision: 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
WorkOrder: HS24110493

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: HS24110493-09 HS24110493-10 HS24110493-11 HS24110493-12 HS24110493-13 HS24110493-14

Revision: 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
WorkOrder: HS24110493

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*	

Revision: 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
WorkOrder: HS24110493

QC BATCH REPORT

Batch ID: R499684 (0) **Instrument:** VOA6 **Method:** LOW LEVEL VOLATILES BY SW8260C

The following samples were analyzed in this batch:

HS24110493-01	HS24110493-02	HS24110493-03	HS24110493-04
HS24110493-05	HS24110493-06	HS24110493-07	HS24110493-08
HS24110493-15			

Revision: 1

ALS Houston, US Date: 24-Jan-25

Client: GHDHouston
Project: Denton Station SRS #2003-00338
WorkOrder: **HS24110493**

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
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: 24-Jan-25

Sample Receipt Checklist

Work Order ID: HS24110493 **Date/Time Received:** 08-Nov-2024 09:20

Client Name: GHDHouston **Received by:** Jacob Coronado

Completed By:	/S/ Jacob Coronado	11-Nov-2024 10:15	**Reviewed by:**	/S/ Alexis Dorenbosch	11-Nov-2024 13:03
	eSignature	Date/Time		eSignature	Date/Time

Matrices: w Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	2 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:329778, 329777
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):	0.8uc/0.8c	ir34	
Cooler(s)/Kit(s):	49616		
Date/Time sample(s) sent to storage:	11/11/2024 1016		
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:

10085870

HS24110493

GHDHouston

12604436-Denton Station

Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070

Chain of Custody Form

Page 1 of 2

COC ID: 329778

ALS Project Manager: | ALS Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	SSOW-12604436-2023.1-2024-02	Project Name	12604436-Denton Station	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	~~12604436~~ SRS: 2003-00358	B	8270_W (PAHs)
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	12604436-MW-2R-20241107	11-07-24	11:00	GW	ICE	3	X										
2	12604436-MW-5-20241107	11-07-24	11:20	GW	ICE	3	X										
3	12604436-MW-8-20241107	11-07-24	12:05	GW	ICE	3	X										
4	12604436-MW-9-20241107	11-07-24	12:25	GW	ICE	3	X										
5	12604436-MW-18-20241107	11-07-24	13:30	GW	ICE	3	X										
6	12604436-MW-17-20241107	11-07-24	14:10	GW	ICE	5	X	X									
7	12604436-MW-19-20241107	11-07-24	09:38	GW	ICE	3	X										
8	12604436-MW-20-20241107	11-07-24	10:00	GW	ICE	3	X										
9	12604436-MW-3R-20241107	11-07-24	10:40	GW	ICE	35	X	X									
10	12604436-MW-4-20241107	11-07-24	11:30	GW	ICE	3	X										

Sampler(s) Please Print & Sign: Jairo Flores Kayette Fitzwater

Shipment Method:

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

Results Due Date:

Relinquished by: Date: 11-7-24 Time: 18:00 Received by:

Relinquished by: Date: 11/8/24 Time: 0920 Received by (Laboratory):

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

Notes: 12604436-Denton Station

Cooler ID	Cooler Temp.
4616	0.8

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-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035

TR36

1008870

HS24110493

GHDHouston

12604436-Denton Station

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 2 of 2

COC ID: 329777

ALS Project Manager: | ALS Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	SSOW-12604436-2023.1-2024-02	Project Name	12604436-Denton Station	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	~~12604436~~ SRS: 2003-00038	B	8270_W (PAHs)
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	12604436-MW-6-20241107	11-07-24	12:40	GW	Ice	3	X										
2	12604436-MW-7-20241107	11-7-24	13:30	GW	Ice	5	X	X									
3	12604436-Dup-01-20241107	11-7-24	—	GW	Ice	3	X										
4	12604436-Dup-02-20241107	11-07-24	—	GW	Ice	3	X										
5	Trip Blank	—	—	—	Ice	2	X										
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Jairo Flores — Krystle Fitzwater

Shipment Method:

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

Results Due Date:

	Date:	Time:		
Relinquished by:	11.7.24	18:00	Received by:	
Relinquished by:	11/8/24	0920	Received by (Laboratory):	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: 12604436-Denton Station

Cooler ID	Cooler Temp.
48616	0.8

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-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035

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

USTODY SEAL
Time: 15:00
Seal Broken By:
Date:

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

CUSTODY SEAL
Time: 1800
Seal Broken By:
Date:

ORIGIN ID:SGRA (713) 734-3090
JAIRO FLORES
GHD
2135 S LOOP 250 WEST

MIDLAND, TX 79703
UNITED STATES US

SHIP DATE: 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: DARR AGELL - BO104141 - LA

RMA:

FedEx Express

FedEx
TRK# 0221 7386 7928 3645

FRI - 08 NOV 10:30A
PRIORITY OVERNIGHT

AB SGRA

77099
TX-US IAH

Page 33 of 33

Appendix B

MNA Evaluation Memo

Technical Memorandum

12 December 2024

To	Karolanne Hudgens	**Contact No.**	(575) 200-5517
Copy to	J.T. Murrey, Adrianna Copeland	**Email**	Karolanne.Hudgens@plains.com
From	Jody Vaillancourt, Juliette Shim-Ton	**Project No.**	12604436 – SRS #2003-00338
Project Name	PAA-CAR-PERM-Denton Station		
Subject	Preliminary Natural Attenuation Evaluation		

1. Introduction

GHD has prepared this memorandum to present the results of a preliminary natural attenuation (NA) evaluation at the Plains All American Pipeline, L.P. (Plains) Denton Station release site (Site). The Site is regulated by the New Mexico Oil Conservation Division (NMOCD) under Remediation Plan 1RP-0234 and is associated with incident number nAPP2108927757.

The findings indicate that NA processes are effectively limiting the migration of benzene, toluene, ethylbenzene, and xylenes (BTEX). Evidence supporting this conclusion includes a reduction in the plume size over time, decreased concentrations within individual wells, and redox patterns consistent with active NA processes.

2. Natural Attenuation Evaluation

2.1 Background on Natural Attenuation Processes

NA refers to the naturally occurring processes that control the fate of contaminants in soil and groundwater. These processes can naturally contain and remediate contamination by reducing contaminant mass and concentrations in the environment. NA processes are classified as destructive and non-destructive.

Destructive NA processes involve a reduction in contaminant mass and include biological and chemical degradation. Biological degradation occurs when naturally occurring subsurface microorganisms break down contaminants into less toxic or non-toxic compounds, while chemical degradation involves the chemical breakdown of contaminants.

Non-destructive NA processes result in a reduction of contaminant concentrations without directly reducing mass. These processes include advection (spreading due to groundwater flow), dispersion (spreading due to tortuous flow through porous or fractured media), sorption (attachment of contaminants to soil particles), diffusion (spreading due to chemical gradients), dilution (mixing with uncontaminated groundwater), and volatilization (transfer of contaminants to soil gas or the atmosphere).

For BTEX, the most important NA process is biodegradation. Microorganisms in the subsurface degrade BTEX compounds through pathways that ultimately yield non-toxic byproducts.

2.2 Background on Biodegradation Processes

Biologically mediated degradation reactions involve electron transfer, where the microorganisms gain energy for growth and reproduction by catalyzing oxidation-reduction (redox) reactions which require an electron donor (referred to as a primary substrate) and an electron acceptor. Sources of primary substrate are naturally occurring organic carbon, or anthropogenic carbon sources, such as petroleum hydrocarbon compounds, like BTEX. The preferred degradation pathway depends on factors such as the contaminant's oxidation state, groundwater redox conditions, primary substrate availability, and microbial population.

BTEX compounds may degrade by serving either as electron donors, undergoing oxidation under anaerobic conditions, or as electron acceptors, undergoing reduction under aerobic conditions. In aerobic degradation, hydrocarbons are mineralized into carbon dioxide, methane, and water.

Evaluating the distribution of naturally occurring electron acceptors can provide evidence of where and how biodegradation is occurring. Naturally occurring electron acceptors available in groundwater, in the order of those that release the greatest energy to those that release the least energy, are as follows: dissolved oxygen (DO), nitrate, manganese and iron coatings on soil sediments, dissolved sulfate, and carbon dioxide. The sequential reduction of these electron acceptors occurs as groundwater becomes increasingly more reducing during the biodegradation of organic compounds. With the long-term presence of organic contaminants in groundwater, a sequence of redox zones of increasing redox potential will develop downgradient from a source area (Lyngkilde and Christensen, 1992a; Appelo and Postma, 1993). The sequence of these redox zones, in order of the closest to the farthest away from a source area, can be as follows:

1. Methanogenic zone (carbon dioxide reduction to methane)
2. Sulfidogenic zone (sulfate reduction to sulfide)
3. Ferrogenic zone (Fe^{3+} reduction to Fe^{2+})
4. Manganogenic zone (Mn^{4+} reduction to Mn^{2+})
5. Nitrate-reducing zone (nitrate reduction to nitrite)
6. Aerobic zone (dissolved oxygen reduction to water)

Identifying redox zones downgradient from a source area can provide strong evidence of the occurrence of biodegradation because a change from aerobic conditions in the upgradient monitoring wells to reducing conditions in the source area/downgradient monitoring wells indicates a significant increase in microbial activity. Assuming that the main difference between upgradient and source area wells is the presence of the contaminants of concern, then this increase in microbial activity is due to the metabolism of the contaminants present.

While BTEX compounds can biodegrade under both aerobic and anaerobic conditions, the biodegradation rate under aerobic conditions is considerably faster, and therefore aerobic conditions are more favorable for the biodegradation of BTEX.

2.3 Weight-of-Evidence Evaluation Approach

Consistent with the Air Force Center for Environmental Excellence Technical Protocol for Implementing Intrinsic Remediation with Long-term Monitoring for Natural Attenuation of Fuel Contamination Dissolved in Groundwater (Technical Protocol, 1999), a weight-of-evidence approach was used to demonstrate the occurrence of NA processes at the Site. This evaluation included examining trends in the geochemical and redox indicator parameter data along a common groundwater flow path to evaluate indirectly the type(s) of NA processes occurring at the Site. Consistent with the Technical Protocol, the lines of evidence evaluated consist of the following:

– Documented loss of contaminants at the field scale with distance and over time
– Contaminant and geochemical analytical data

These lines of evidence were evaluated through plume conditions and redox zone delineation.

2.3.1 Plume Conditions over Distance and Time

Groundwater quality data were evaluated to assess reductions in BTEX concentrations over time and along the groundwater flow path. The size of the plume over time was evaluated to determine if the plume is shrinking, stable or increasing over time. Intra-well temporal trends are evaluated to determine whether concentration trends at a given location are decreasing, stable, or increasing over time.

2.3.2 Redox Zone Delineation

An evaluation of redox indicator parameters is conducted to determine whether conditions in the groundwater flow system are conducive to biodegradation of the BTEX present. This also involves evaluation of the specific biodegradation processes that are possible given the subsurface geochemical conditions (i.e., in specific geochemical environments, BTEX may undergo biodegradation by aerobic or anaerobic pathways).

Both aerobic and anaerobic degradation of BTEX can occur simultaneously in different parts of the plume. Following release of BTEX to groundwater, dissolved oxygen is rapidly depleted due to increased microbial respiration and biodegradation of BTEX. The decrease in dissolved oxygen results in the establishment of anaerobic conditions within the BTEX plume. Once oxygen is depleted, nitrate, sulfate, iron, and carbon dioxide can serve as electron acceptors.

2.4 Weight-of-Evidence Evaluation

2.4.1 Plume Conditions over Distance and Time

BTEX concentrations have been monitored quarterly at the Site since 2011, with the most recent sampling event conducted in the fourth quarter of 2024. Historical analytical data, summarized in Table 1, illustrate long-term trends in contaminant concentrations.

During the 2023 sampling event, benzene was detected at concentrations exceeding the New Mexico Water Quality Control Commission (NMWQCC) Human Health Standard in three monitoring wells: MW3R, MW-7, and MW-17. All other BTEX parameters were below the NMWQCC Human Health Standards across all wells. The wells with elevated benzene concentrations are located immediately downgradient of the source area, while farther downgradient wells exhibited benzene concentrations below the standards. This spatial trend supports the conclusion that NA is effectively reducing contaminant concentrations and limiting plume migration away from the source area.

Data in Table 1 also demonstrates a significant and sustained decrease in benzene concentrations over time in several wells, including MW-1, MW-4, MW-6, MW-10, MW-12, and MW-17. These reductions provide strong evidence that NA processes are actively mitigating contamination at the Site. Benzene concentrations at MW-5 have fluctuated near or below the Human Health Standard, further suggesting that NA is successfully containing the plume.

The overall reduction in benzene concentrations has resulted in a marked decrease in plume size over time. Historical data indicate that before 2015, the plume extended as far as MW-12, with benzene concentrations exceeding standards at ten wells, including MW-5, MW3R, MW-7, MW-17, MW-6, MW-1R, MW-10, MW-4, MW-12, and MW-16. By late 2023, elevated benzene concentrations were observed only in MW3R, MW-7, and MW-17. This reduction in the geographic extent of the plume underscores the effectiveness of NA processes in stabilizing and shrinking the plume.

Furthermore, wells MW3R and MW-7, which previously reported light non-aqueous phase liquid (LNAPL) thicknesses, no longer contain detectable LNAPL. This reduction in LNAPL mass and size further demonstrates the efficacy of NA in reducing contaminant mass at the Site.

2.4.2 Redox Zone Delineation

In August 2024, redox parameters, including DO and oxidation-reduction potential (ORP), were measured at all active monitoring wells except MW-10, MW-12, and MW-15, which were dry during sampling. Additional parameters, including nitrate (as nitrogen), dissolved manganese, dissolved iron, and dissolved sulfate, were measured at wells MW-18, MW-3R, MW-17, MW-6, MW-1R, and MW-4. Methane concentrations were measured at MW-18, MW-17, and MW-6. The locations of these wells are shown in Figure 1, and the corresponding data are presented in Table 2.

Redox conditions in upgradient wells, representing background conditions, suggest that the terminal electron-accepting process (TEAP) is predominantly aerobic or mixed anoxic. These conditions are favorable for the aerobic biodegradation of BTEX compounds.

In the source area and downgradient wells closest to the former tank battery, redox conditions shift toward more reducing states, potentially indicating methanogenic processes. This transition reflects a significant increase in microbial activity, consistent with active biodegradation of contaminants.

Further downgradient, at wells MW-2R and MW-20, redox conditions indicate a return to potentially aerobic conditions. This shift from aerobic conditions upgradient, through anaerobic conditions in the source area, and back to aerobic conditions downgradient indicates that NA is replenishing oxygen in the aquifer. The observed redox gradients confirm the presence of both aerobic and anaerobic biodegradation processes actively reducing BTEX concentrations at the Site.

2.4.3 Weight-of-Evidence Conclusion

The results of the MNA evaluation indicate that NA of BTEX is actively occurring at the Site. Naturally occurring processes are effectively reducing the extent of groundwater impacts. This conclusion is based on the following lines of evidence:

- **Decreasing BTEX Concentrations**: BTEX concentrations are consistently decreasing over time in individual monitoring wells.
- **Plume Shrinkage**: The extent of the BTEX groundwater plume has diminished over time.
- **LNAPL Absence**: LNAPL is no longer detected in monitoring wells.
- **Favorable Biodegradation Conditions**: Natural conditions at the Site are highly conducive to aerobic biodegradation. Additionally, redox conditions within the central portion of the plume indicate significant microbial activity, which transitions rapidly to background-like conditions outside the plume boundary.

These findings confirm that NA, primarily via biodegradation, is effectively limiting the downgradient migration of BTEX at the Site.

3. Conclusions and Recommendations

The preliminary evaluation confirms that natural attenuation is effectively reducing BTEX concentrations and limiting plume migration at the Site. These conclusions are supported by decreasing BTEX concentrations in individual wells, a shrinking plume, the absence of LNAPL, and favorable redox conditions for aerobic degradation.

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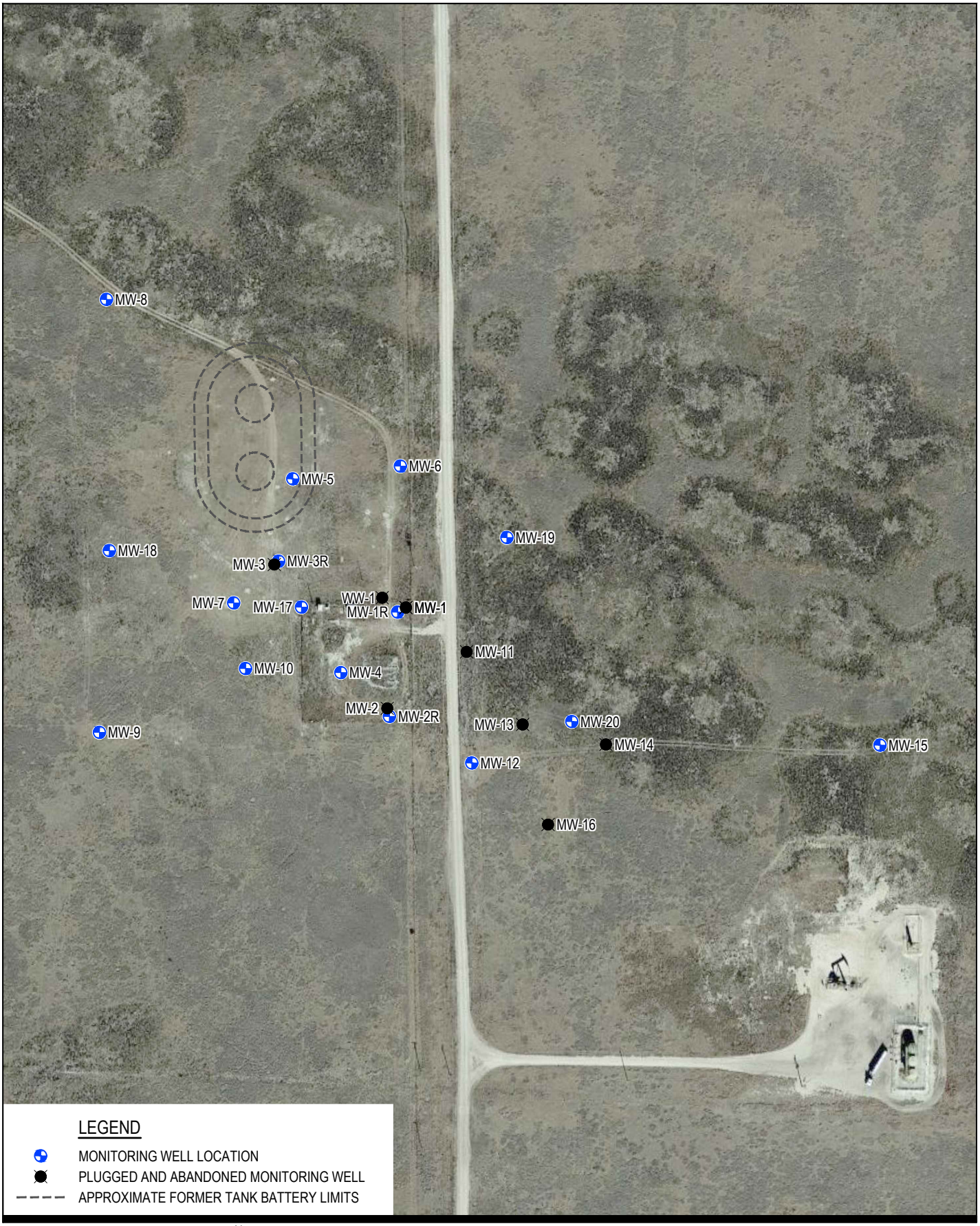

0 100 200 ft

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

N

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
DENTON STATION
NMOCD 1RP-0234

Project No. **12604436**
Date **May 2024**

SITE DETAILS MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604436\Digital_Design\ACAD\Figures\GWR 2023\12604436-GHD-00-00-RPT-EN-D101_DL-2023.dwg
Plot Date: 10 May 2024 4:35 PM

Data Source: Microsoft Product Screen shot(s) Reprinted with permission from Microsoft Corporation
Lat/Long: 33.0175° North, 103.1624° West

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

Monitoring Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		0.01	0.75	0.75	0.62
MW-1	9/16/14	P&A			
MW-1R	11/19/14	0.297	<0.0500	<0.0500	0.132
MW-1R	3/5/15	0.413	<0.0500	0.0938	<0.0500
MW-1R	6/4/15	0.872	0.0113	0.0889	0.206
MW-1R	12/4/15	0.768	<0.0500	<0.0500	<0.0500
MW-1R	2/12/16	0.381	<0.00100	0.00830	0.03680
MW-1R	5/26/16	0.716	<0.100	<0.100	<0.100
MW-1R	9/2/16	0.416	<0.0530	<0.0530	0.08310
MW-1R	11/3/16	0.679	<0.0530	<0.0530	0.07830
MW-1R	3/1/17	0.290	<0.100	<0.100	<0.100
MW-1R	6/1/17	0.1716	0.00443	0.0105	0.0360
MW-1R	9/1/17	1.150	0.00521	0.0207	0.0909
MW-1R	11/30/17	0.072	<0.00200	<0.00200	0.00315
MW-1R	3/2/18	0.388	0.00286	0.00969	0.0333
MW-1R	5/30/18	0.074	0.00281	0.0377	0.118
MW-1R	8/31/18	0.452	<0.000412	0.0121	0.0416
MW-1R	11/30/18	0.645	<0.000412	0.0146	0.0581
MW-1R	2/26/19	0.208	0.00300	0.00664	0.0249
MW-1R	5/21/19	0.297	<0.00206	0.00248 J	0.00851
MW-1R	7/26/19	0.153	<0.00206	0.00244 J	0.0124
MW-1R	10/23/19	0.167	<0.00206	0.00269	0.0124
MW-1R	2/17/20	0.0975	<0.000412	0.00152	0.00655
MW-1R	5/22/20	0.0459	<0.000412	0.000352	0.00210
MW-1R	9/16/20	0.0627	<0.000412	0.000539	0.00383
MW-1R	10/30/20	0.131	<0.000412	0.00110	0.00897
MW-1R	10/30/20	0.115	<0.000412	0.00088	0.00718
MW-1R	2/9/21	0.0363	<0.000412	0.000284 J	0.00152
MW-1R	5/13/21	0.0319	<0.000412	0.000419 J	0.00273
MW-1R	8/12/21	0.0167	<0.000412	0.000250 J	0.00248
MW-1R	11/8/21	0.00695	<0.000412	<0.000160	<0.000510
MW-1R	2/8/22	0.00635	<0.000412	0.000264 J	0.00405
MW-1R	5/3/22	0.00302	<0.000412	0.000498 J	0.00351
MW-1R	8/23/22	<0.000190	<0.000412	<0.000160	<0.000510
MW-1R	11/11/22	0.00116	0.0132	<0.000160	0.00991
MW-1R	2/8/23	0.00374	<0.000412	0.00205	0.00238
MW-1R	5/2/23	0.00109	<0.00100	<0.000500	<0.00150
MW-1R	8/7/23	0.00168	<0.00100	<0.000500	0.0028
MW-2	3/7/11	<0.00100	<0.00100	<0.00100	<0.00100
MW-2	6/16/11	<0.00100	<0.00100	<0.00100	<0.00100
MW-2	9/9/11	<0.00100	<0.00100	<0.00100	<0.00100
MW-2	12/1/11	<0.00100	<0.00100	<0.00100	<0.00100
MW-2	3/9/12	<0.00100	<0.00100	<0.00100	<0.00100
MW-2	9/16/14	P&A	--	--	--
MW-2R	11/19/14	<0.00500	<0.00500	<0.00500	<0.00500
MW-2R	3/5/15	<0.00500	<0.00500	<0.00500	<0.00500
MW-2R	6/4/15	<0.00100	<0.00100	<0.00100	<0.00100

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-2R	8/13/15	<0.00100	<0.00100	<0.00100	<0.00100
MW-2R	12/4/15	<0.00100	<0.00100	<0.00100	<0.00100
MW-2R	2/12/16	<0.00100	<0.00100	<0.00100	<0.00100
MW-2R	5/26/16	<0.00100	<0.00100	<0.00100	<0.00100
MW-2R	9/2/16	<0.00100	<0.00100	<0.00100	<0.00100
MW-2R	11/3/16	<0.00100	<0.00100	<0.00100	<0.00100
MW-2R	3/1/17	<0.00200	<0.00200	<0.00200	<0.00200
MW-2R	6/1/17	<0.00200	<0.00200	<0.00200	<0.00200
MW-2R	9/1/17	<0.00200	<0.00200	<0.00200	<0.00200
MW-2R	11/30/17	<0.00200	<0.00200	<0.00200	<0.00200
MW-2R	3/2/18	<0.00200	<0.00200	<0.00200	<0.00200
MW-2R	5/30/18	<0.00200	<0.00200	<0.00200	<0.00200
MW-2R	8/31/18	**0.00255**	<0.000412	<0.000160	<0.000510
MW-2R	11/30/18	**0.000679**	<0.000412	<0.000160	<0.000510
MW-2R	2/26/19	**0.000844**	<0.000412	**0.000218**	<0.000510
MW-2R	5/21/19	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	7/26/19	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	10/23/19	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	2/17/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	5/22/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	9/16/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	10/30/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	2/9/21	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	5/13/21	**0.000191 J**	<0.000412	<0.000160	<0.000510
MW-2R	8/12/21	**0.00594**	<0.000412	<0.000160	**0.00322**
MW-2R	11/8/21	**0.000360 J**	<0.000412	<0.000160	<0.000510
MW-2R	2/8/22	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	5/3/22	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	8/23/22	<0.000190	<0.000412	<0.000160	<0.000510
MW-2R	11/11/22	<0.000190	**0.000567 J**	**0.000468 J**	<0.000510
MW-2R	2/8/23	**0.00106**	<0.000412	<0.000160	<0.000510
MW-2R	5/2/23	<0.000500	<0.00100	<0.000500	<0.00150
MW-2R	8/7/23	<0.000500	<0.00100	<0.000500	<0.00150
MW-3	9/16/14	P&A			
MW-3R	2/17/20	LNAPL	--	--	--
MW-3R	5/22/20	LNAPL	--	--	--
MW-3R	9/16/20	LNAPL	--	--	--
MW-3R	10/30/20	LNAPL	--	--	--
MW-3R	2/9/21	LNAPL	--	--	--
MW-3R	5/13/21	LNAPL	--	--	--
MW-3R	8/12/21	LNAPL	--	--	--
MW-3R	8/23/22	**2.71**	**0.0816**	**0.251**	**0.369**
MW-3R	11/11/22	**2.69**	**0.281**	**0.363**	**0.770**
MW-3R	11/11/22	**2.93**	**0.264**	**0.436**	**0.869**
MW-3R	2/8/23	**3.06**	**0.0287**	**0.383**	**0.555**
MW-3R	2/8/23	**3.05**	**0.0278**	**0.353**	**0.516**
MW-3R	5/2/23	**3.70**	<0.200	**0.482**	**0.785**
MW-3R	8/7/23	**4.17**	<0.100	**0.822**	**2.25**
MW-4	3/7/11	**0.280**	<0.00500	**0.0391**	**0.107**
MW-4	6/16/11	**0.197**	<0.00500	<0.00500	<0.00500

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-4	**9/9/11**	**0.244**	<0.00500	<0.00500	<0.00500
MW-4	**12/1/11**	**0.200**	<0.00100	**0.0104**	**0.0221**
MW-4	**3/9/12**	**0.251**	<0.00100	**0.0154**	**0.0321**
MW-4	**6/7/12**	**0.202**	<0.00100	**0.0099**	**0.0177**
MW-4	**9/12/12**	**0.317**	<0.0500	<0.0500	<0.0500
MW-4	**12/5/12**	**0.191**	<0.00100	0.0073	0.0104
MW-4	**3/7/13**	**0.126**	<0.00100	<0.00100	<0.00100
MW-4	**5/30/13**	**0.1190**	<0.00100	**0.0401**	**0.0158**
MW-4	**8/29/13**	**0.0830**	<0.00100	**0.00270**	**0.00180**
MW-4	**11/14/13**	**0.0311**	<0.00100	<0.00100	<0.00100
MW-4	**2/27/14**	**0.173**	<0.00100	**0.0098**	**0.0114**
MW-4	**5/29/14**	**0.0702**	<0.00100	**0.0071**	**0.00039**
MW-4	**9/4/14**	**0.0155**	<0.00100	**0.00250**	<0.00100
MW-4	**11/19/14**	**0.0185**	<0.00100	**0.00200**	<0.00100
MW-4	**3/5/15**	**0.0204**	<0.00100	**0.00470**	<0.00100
MW-4	**6/4/15**	**0.0291**	<0.00100	**0.00250**	**0.00180**
MW-4	**8/13/15**	**0.0209**	<0.00100	<0.00100	<0.00100
MW-4	**12/4/15**	**0.0223**	<0.00100	<0.00100	<0.00100
MW-4	**2/12/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-4	**5/26/16**	**0.0152**	<0.00100	<0.00100	<0.00100
MW-4	**9/2/16**	**0.0062**	<0.00100	<0.00100	<0.00100
MW-4	**11/3/16**	**0.0182**	<0.00100	**0.00220**	**0.00210**
MW-4	**3/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-4	**6/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-4	**9/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-4	**11/30/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-4	**3/2/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-4	**5/30/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-4	**8/31/18**	**0.000668**	<0.000412	**0.000331 J**	<0.000510
MW-4	**11/30/18**	**0.000896**	<0.000412	<0.000160	<0.000510
MW-4	**2/26/19**	<0.000190	<0.000412	**0.000328 J**	**0.00359**
MW-4	**5/21/19**	**0.000286 J**	<0.000412	<0.000160	**0.00272**
MW-4	**7/26/19**	**0.000875**	<0.000412	**0.000161 J**	<0.000510
MW-4	**10/23/19**	**0.000455 J**	**0.000423 J**	**0.000220 J**	<0.000510
MW-4	**2/17/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-4	**5/22/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-4	**9/16/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-4	**10/30/20**	**0.000350 J**	<0.000412	**0.000204 J**	<0.000510
MW-4	**2/9/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-4	**5/13/21**	**0.000411 J**	<0.000412	**0.000239 J**	<0.000510
MW-4	**8/12/21**	**0.000392 J**	<0.000412	<0.000160	<0.000510
MW-4	**11/8/21**	**0.000436 J**	<0.000412	**0.000215 J**	<0.000510
MW-4	**2/8/22**	**0.000325 J**	<0.000412	<0.000160	<0.000510
MW-4	**5/3/22**	**0.000211 J**	<0.000412	<0.000160	<0.000510
MW-4	**8/23/22**	<0.000190	<0.000412	<0.000160	<0.000510
MW-4	**11/11/22**	<0.000190	**0.000479 J**	**0.000222 J**	<0.000510
MW-4	**2/8/23**	**0.00591**	<0.000412	**0.00183**	**0.00254**
MW-4	**5/1/23**	<0.000500	<0.00100	**0.000161 J**	<0.00150
MW-4	**8/7/23**	<0.000500	<0.00100	<0.000500	<0.00150
MW-5	**11/19/14**	**0.029**	**0.0029**	**0.0109**	**0.0286**
MW-5	**3/5/15**	**0.0067**	<0.00100	**0.00420**	**0.00900**

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-5	9/2/16	<0.00100	<0.00100	0.00110	0.00120
MW-5	11/3/16	<0.00100	<0.00100	0.00110	0.00400
MW-5	3/1/17	0.00748	<0.00200	<0.00200	0.00700
MW-5	6/1/17	0.00694	0.00447	<0.00200	0.00852
MW-5	9/1/17	0.00330	0.00925	<0.00200	0.00818
MW-5	11/30/17	<0.00200	0.00825	<0.00200	0.00479
MW-5	3/2/18	<0.00200	0.00395	<0.00200	<0.00200
MW-5	5/30/18	0.00206	0.00208	<0.00200	0.0135
MW-5	5/30/18	0.00212	0.00280	<0.00200	0.0149
MW-5	8/31/18	0.00982	<0.000412	<0.000160	0.00942
MW-5	8/31/18	0.0147	<0.000412	<0.000160	0.02550
MW-5	11/30/18	0.0132	<0.000412	0.0296	<0.000510
MW-5	2/26/19	0.00355	<0.000412	<0.000160	0.00368
MW-5	5/21/19	0.00558	0.00117	0.00855	0.00273
MW-5	7/26/19	0.00878	<0.000412	<0.000160	0.00183
MW-5	7/26/19	0.00900	<0.000412	<0.000160	0.00174
MW-5	10/23/19	0.00445	<0.000412	<0.000160	<0.000510
MW-5	2/17/20	0.0157	<0.000412	<0.000160	<0.000510
MW-5	5/22/20	0.00327	<0.000412	<0.000160	<0.000510
MW-5	5/22/20	0.00524	<0.000412	<0.000160	<0.000510
MW-5	9/16/20	0.00991	0.0237	<0.000160	0.00340
MW-5	10/30/20	0.00594	0.000580 J	0.000987	0.00186
MW-5	2/9/21	<0.000190	<0.000412	<0.000160	0.00159
MW-5	2/9/21	<0.000190	<0.000412	<0.000160	0.00161
MW-5	5/13/21	0.0219	0.00205	0.000301 J	0.00284
MW-5	8/12/21	<0.000190	<0.000412	<0.000160	0.000674 J
MW-5	11/8/21	0.00119	<0.000412	<0.000160	0.00170
MW-5	2/8/22	<0.000190	<0.000412	<0.000160	0.000732 J
MW-5	5/3/22	0.00102	<0.000412	<0.000160	0.00101 J
MW-5	8/23/22	<0.000190	<0.000412	<0.000160	0.00305
MW-5	11/11/22	0.00181	0.00322	0.0187	0.00658
MW-5	2/8/23	0.0137	<0.000824	<0.000320	0.00177 J
MW-5	5/2/23	<0.000500	<0.00100	<0.000500	<0.00150
MW-5	8/7/23	0.00799	<0.00100	<0.000500	0.0015
MW-6	3/7/11	0.0470	<0.00100	<0.00100	0.0212
MW-6	6/16/11	0.0268	<0.00100	<0.00100	<0.00100
MW-6	9/9/11	0.0151	<0.00100	<0.00100	0.0174
MW-6	12/1/11	0.00110	<0.00100	<0.00100	0.00340
MW-6	3/9/12	0.00740	<0.00100	<0.00100	<0.00100
MW-6	6/7/12	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	9/12/12	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	12/5/12	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	3/7/13	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	5/30/13	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	8/29/13	0.00280	<0.00100	0.0231	0.00470
MW-6	11/14/13	0.0120	<0.00100	0.0033	0.00570
MW-6	2/27/14	0.0101	<0.00100	0.0390	0.00510
MW-6	5/29/14	0.00380	<0.00100	0.1200	<0.00300
MW-6	5/29/14	0.00310	<0.00100	0.1190	0.0166
MW-6	9/4/14	0.00190	<0.00100	0.1320	<0.00100
MW-6	9/4/14	0.00190	<0.00100	0.1380	<0.00100

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-6	11/19/14	0.00540	0.002	0.0989	0.0104
MW-6	3/5/15	0.00170	<0.00100	0.1400	<0.00100
MW-6	6/4/15	<0.00100	<0.00100	0.005	0.00210
MW-6	8/13/15	0.00200	<0.00100	0.0205	<0.00100
MW-6	12/4/15	0.00680	<0.00100	0.0033	0.00270
MW-6	12/4/15	0.00760	<0.00100	0.0044	0.00250
MW-6	2/12/16	0.00710	<0.00100	0.0875	<0.00100
MW-6	2/12/16	0.00780	<0.00100	0.0948	0.00220
MW-6	5/26/16	0.03740	<0.00100	0.0117	0.00410
MW-6	5/26/16	0.03710	<0.00100	0.0092	0.00300
MW-6	9/2/16	0.06190	<0.00100	0.0147	0.00820
MW-6	11/3/16	0.09180	<0.00100	0.0336	0.01860
MW-6	3/1/17	0.02030	<0.00200	0.0264	0.00720
MW-6	6/1/17	0.01880	0.00467	0.0302	0.01140
MW-6	9/1/17	0.00710	0.00433	0.0132	0.00726
MW-6	11/30/17	<0.00200	<0.00200	<0.00200	<0.00200
MW-6	3/2/18	<0.00200	<0.00200	<0.00200	<0.00200
MW-6	5/30/18	<0.00200	<0.00200	<0.00200	<0.00200
MW-6	8/31/18	<0.000190	<0.000412	0.000317 J	0.00133 J
MW-6	11/30/18	0.000572	<0.000412	<0.000160	<0.000510
MW-6	2/26/19	0.000490 J	<0.000412	0.00370	0.00603
MW-6	5/21/19	0.000883	<0.000412	0.00160	0.00362
MW-6	7/26/19	0.000931	<0.000412	<0.000160	<0.000510
MW-6	10/23/19	<0.000190	<0.000412	<0.000160	<0.000510
MW-6	10/23/19	<0.000190	<0.000412	<0.000160	<0.000510
MW-6	2/17/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-6	5/22/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-6	9/16/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-6	10/30/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-6	2/9/21	<0.000190	<0.000412	<0.000160	<0.000510
MW-6	5/13/21	0.000255 J	<0.000412	<0.000160	<0.000510
MW-6	8/12/21	0.000326 J	<0.000412	0.000181 J	<0.000510
MW-6	11/8/21	0.000393 B J	<0.000412	0.00111	<0.000510
MW-6	2/7/22	<0.000190	0.000435 J	<0.000160	0.000544 J
MW-6	5/3/22	0.000287 J	<0.000412	<0.000160	<0.000150
MW-6	8/23/22	<0.000190	<0.000412	<0.000160	<0.000510
MW-6	11/11/22	<0.000190	0.000504 J	0.000212 J	<0.000510
MW-6	2/8/23	<0.000190	<0.000412	<0.000160	<0.000510
MW-6	5/1/23	<0.000500	0.000423 J	0.000260 J	<0.00150
MW-6	8/7/23	<0.000500	<0.00100	<0.000500	<0.00150
MW-7	2/17/20	LNAPL	--	--	--
MW-7	5/22/20	LNAPL	--	--	--
MW-7	9/16/20	LNAPL	--	--	--
MW-7	10/30/20	LNAPL	--	--	--
MW-7	2/9/21	LNAPL	--	--	--
MW-7	5/13/21	LNAPL	--	--	--
MW-7	8/12/21	LNAPL	--	--	--
MW-7	5/12/22	4.04	0.188	0.255	0.678
MW-7	8/23/22	2.44	0.000619 J	0.120	0.160
MW-7	11/11/22	4.58	0.338	0.427	0.826
MW-7	5/2/23	3.62	0.0706	0.423	0.721

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-7	**8/7/23**	**4.05**	<0.100	**0.43**	**0.514**
MW-8	**3/7/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**6/16/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**9/9/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**12/1/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**3/9/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**6/7/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**9/12/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**12/5/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**3/7/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**5/30/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**8/29/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**11/14/13**	<0.00100	<0.00100	<0.00100	<0.00300
MW-8	**2/27/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-8	**5/29/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-8	**9/4/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**11/19/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**3/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**6/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**8/13/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**12/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**2/12/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**5/26/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**9/2/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**11/3/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**11/3/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-8	**3/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-8	**6/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-8	**9/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-8	**11/30/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-8	**3/2/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-8	**5/30/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-8	**8/31/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-8	**11/30/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-8	**11/30/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-8	**2/26/19**	<0.000190	<0.000412	**0.000177 J**	<0.000510
MW-8	**5/21/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-8	**7/26/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-8	**10/23/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-8	**2/17/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-8	**5/22/20**	NS	--	--	--
MW-8	**9/16/20**	NS	--	--	--
MW-8	**10/30/20**	NS	--	--	--
MW-8	**2/9/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-8	**5/13/21**	NS	--	--	--
MW-8	**8/12/21**	NS	--	--	--
MW-8	**2/7/22**	<0.000190	<0.000412	<0.000160	<0.000510
MW-8	**11/11/22**	<0.000190	**0.000471 J**	**0.000289 J**	<0.000510
MW-9	**3/7/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**6/16/11**	<0.00100	<0.00100	<0.00100	<0.00100

Table 1
Summary of Groundwater Analytical Results
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MW-9	**9/9/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**12/1/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**3/9/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**6/7/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**9/12/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**12/5/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**3/7/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**5/30/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**8/29/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**11/14/13**	<0.00100	<0.00100	<0.00100	<0.00300
MW-9	**2/27/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-9	**5/29/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-9	**9/4/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**11/19/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**3/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**6/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**8/13/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**12/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**2/12/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**5/26/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**9/2/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**11/3/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	**3/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-9	**6/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-9	**9/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-9	**11/30/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-9	**3/2/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-9	**5/30/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-9	**8/31/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**11/30/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**2/26/19**	<0.000190	<0.000412	**0.000436 J**	<0.000510
MW-9	**5/21/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**7/26/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**10/23/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**2/17/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**5/22/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**9/16/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**10/30/20**	NS	--	--	--
MW-9	**2/9/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**5/13/21**	NS	--	--	--
MW-9	**8/12/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**2/7/22**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**8/23/22**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**11/11/22**	<0.000190	**0.000412 J**	**0.000286 J**	<0.000510
MW-9	**2/8/23**	<0.000190	<0.000412	<0.000160	<0.000510
MW-9	**8/7/23**	<0.000500	<0.00100	<0.000500	<0.00150
MW-10	**3/7/11**	**0.239**	<0.100	<0.100	<0.100
MW-10	**6/16/11**	**0.172**	<0.00100	<0.00100	<0.00100
MW-10	**9/9/11**	**0.154**	<0.0100	<0.0100	<0.0100
MW-10	**12/1/11**	**0.188**	<0.00100	**0.0171**	<0.00100
MW-10	**3/9/12**	**0.112**	<0.00100	**0.0127**	<0.00100

Table 1
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MW-10	**6/7/12**	**0.116**	<0.00100	**0.0048**	0.0121
MW-10	**9/12/12**	**0.168**	<0.0500	<0.0500	<0.0500
MW-10	**12/5/12**	**0.132**	<0.00100	<0.00100	<0.00100
MW-10	**3/7/13**	**0.726**	<0.00100	<0.00100	**0.0060**
MW-10	**5/30/13**	**0.0525**	<0.00100	<0.00100	<0.00100
MW-10	**8/29/13**	**0.0411**	<0.00100	<0.00100	<0.00100
MW-10	**11/14/13**	**0.0407**	<0.00100	<0.00100	<0.00300
MW-10	**2/27/14**	**0.0532**	<0.00100	<0.00100	<0.00300
MW-10	**5/29/14**	**0.0878**	<0.00100	<0.00100	<0.00300
MW-10	**9/4/14**	**0.0890**	<0.00100	<0.00100	<0.00100
MW-10	**11/19/14**	**0.0924**	<0.00100	<0.00100	<0.00100
MW-10	**3/4/15**	**0.1020**	<0.00100	<0.00100	**0.00290**
MW-10	**6/4/15**	**0.0485**	<0.00100	<0.00100	**0.00120**
MW-10	**8/13/15**	**0.0084**	<0.00100	<0.00100	<0.00100
MW-10	**12/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-10	**2/12/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-10	**5/26/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-10	**9/2/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-10	**11/3/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-10	**3/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-10	**6/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-10	**9/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-10	**11/30/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-10	**3/2/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-10	**5/30/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-10	**8/31/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**11/30/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**2/26/19**	<0.000190	<0.000412	**0.000763**	**0.000675 J**
MW-10	**5/21/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**7/26/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**10/23/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**2/17/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**5/22/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**9/16/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**10/30/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**2/9/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**5/13/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**8/12/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-10	**11/8/21**	**0.000265 J**	<0.000412	<0.000160	<0.000510
MW-11	**3/7/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**6/16/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**9/9/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**12/1/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**3/9/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**6/7/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**9/12/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**12/5/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**3/7/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**5/30/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**8/29/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**11/14/13**	<0.00100	<0.00100	<0.00100	<0.00100

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-11	**2/27/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-11	**5/29/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-11	**9/4/14**	Dry			
MW-11	**11/19/14**	Dry			
MW-11	**3/4/15**	Dry			
MW-11	**6/4/15**	Dry			
MW-11	**8/13/15**	Dry			
MW-11	**12/4/15**	Dry			
MW-11	**2/12/16**	Dry			
MW-11	**5/31/17**	Dry	--	--	--
MW-11	**8/31/17**	Dry	--	--	--
MW-11	**11/30/17**	Dry	--	--	--
MW-11	**3/2/18**	Dry	--	--	--
MW-11	**5/30/18**	Dry	--	--	--
MW-11	**2/26/19**	Dry	--	--	--
MW-11	**5/21/19**	Dry	--	--	--
MW-11	**7/26/19**	Dry	--	--	--
MW-11	**10/23/19**	Dry	--	--	--
MW-11	**2/19/20**	P&A	--	--	--
MW-12	**3/7/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**6/16/11**	**0.126**	<0.00100	<0.00100	<0.00100
MW-12	**9/9/11**	**0.278**	<0.00100	<0.00100	<0.00100
MW-12	**12/1/11**	**0.0264**	<0.00100	<0.00100	**0.00250**
MW-12	**3/9/12**	**0.207**	<0.00100	<0.00100	<0.00100
MW-12	**6/7/12**	**0.254**	<0.00100	<0.00100	<0.00100
MW-12	**9/12/12**	**0.313**	<0.00100	<0.00100	<0.00100
MW-12	**12/5/12**	**0.018**	<0.00100	<0.00100	<0.00100
MW-12	**12/5/12**	**0.018**	<0.00100	<0.00100	<0.00100
MW-12	**3/7/13**	**0.429**	<0.0100	<0.0100	<0.0100
MW-12	**5/30/13**	**0.186**	<0.00100	<0.00100	<0.00100
MW-12	**8/29/13**	**0.248**	<0.00100	<0.00100	**0.00130**
MW-12	**11/14/13**	**0.172**	<0.00100	<0.00100	<0.00100
MW-12	**2/27/14**	**0.140**	<0.00100	<0.00100	<0.00300
MW-12	**5/29/14**	**0.307**	<0.00100	<0.00100	<0.00300
MW-12	**9/4/14**	**0.335**	<0.00100	<0.00100	<0.00100
MW-12	**11/19/14**	**0.0436**	<0.00100	<0.00100	<0.00100
MW-12	**11/19/14**	**0.0549**	<0.00100	<0.00100	<0.00100
MW-12	**3/4/15**	**0.158**	<0.00100	<0.00100	**0.00210**
MW-12	**3/4/15**	**0.186**	<0.00100	<0.00100	<0.00100
MW-12	**6/4/15**	**0.0726**	<0.00100	<0.00100	<0.00100
MW-12	**6/4/15**	**0.0225**	<0.00100	<0.00100	**0.00120**
MW-12	**8/13/15**	**0.0092**	<0.00100	<0.00100	<0.00100
MW-12	**12/4/15**	**0.0025**	<0.00100	<0.00100	<0.00100
MW-12	**12/4/15**	**0.0029**	<0.00100	<0.00100	<0.00100
MW-12	**2/12/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**2/12/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**5/26/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**5/26/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**9/2/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**9/2/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-12	**11/3/16**	<0.00100	<0.00100	<0.00100	<0.00100

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-12	**3/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-12	**6/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-12	**6/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-12	**9/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-12	**9/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-12	**11/30/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-12	**3/2/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-12	**3/2/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-12	**5/30/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-12	**5/30/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-12	**8/31/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**11/30/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**2/26/19**	<0.000190	<0.000412	**0.000269 J**	<0.000510
MW-12	**2/26/19**	<0.000190	<0.000412	**0.000162 J**	<0.000510
MW-12	**5/21/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**5/21/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**7/26/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**10/23/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**2/17/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**5/22/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**9/16/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**10/30/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**2/9/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**5/13/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**8/12/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**11/8/21**	**0.000205 J**	<0.000412	<0.000160	<0.000510
MW-12	**2/8/22**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**5/3/22**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**8/23/22**	<0.000190	<0.000412	<0.000160	<0.000510
MW-12	**11/11/22**	<0.000190	**0.000441 J**	**0.000297 J**	<0.000510
MW-12	**2/8/23**	**0.000209 J**	<0.000412	<0.000160	<0.000510
MW-12	**5/5/23**	<0.000500	<0.00100	<0.000500	<0.00150
MW-12	**8/7/23**	<0.000500	<0.00100	<0.000500	<0.00150
MW-13	**3/7/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**6/16/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**9/9/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**12/1/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**3/9/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**6/7/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**9/12/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**12/5/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**3/7/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**5/30/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**8/29/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**11/14/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**2/27/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-13	**5/29/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-13	**9/4/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**11/19/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**3/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**6/4/15**	<0.00100	<0.00100	<0.00100	<0.00100

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-13	**8/13/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**12/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**2/12/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**5/26/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**9/2/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**11/3/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	**3/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-13	**6/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-13	**9/1/17**	**0.00204**	<0.00200	<0.00200	<0.00200
MW-13	**11/30/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-13	**11/30/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-13	**3/2/18**	--	--	--	--
MW-13	**5/30/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-13	**8/31/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-13	**8/31/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-13	**11/30/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-13	**2/26/19**	<0.000190	<0.000412	**0.000168 B J**	<0.000510
MW-13	**5/21/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-13	**7/26/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-13	**10/23/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-13	**2/19/20**	P&A	--	--	--
MW-14	**3/7/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**6/16/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**9/9/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**12/1/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**3/9/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**6/7/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**9/12/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**12/5/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**3/7/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**5/30/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**8/29/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**11/14/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**2/27/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-14	**5/29/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-14	**9/4/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**11/19/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**3/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**6/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**8/13/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**12/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**2/12/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**5/26/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**9/2/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**11/3/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	**3/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-14	**6/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-14	**9/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-14	**11/30/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-14	**3/2/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-14	**5/30/18**	<0.00200	<0.00200	<0.00200	<0.00200

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-14	**8/31/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-14	**11/30/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-14	**2/26/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-14	**5/21/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-14	**7/26/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-14	**10/23/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-14	**2/19/20**	P&A	--	--	--
MW-15	**3/7/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**6/16/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**9/9/11**	DRY			
MW-15	**12/1/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**3/9/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**6/7/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**9/12/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**12/5/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**3/7/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**5/30/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**8/29/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**11/14/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**2/27/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-15	**5/29/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-15	**9/4/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**11/19/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**3/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**6/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**8/13/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**12/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**2/12/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**5/26/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**9/2/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**11/3/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**11/3/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-15	**3/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-15	**6/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-15	**9/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-15	**11/30/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-15	**3/2/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-15	**5/30/18**	<0.00200	<0.00200	<0.00200	<0.00200
MW-15	**8/31/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-15	**11/30/18**	<0.000190	<0.000412	<0.000160	<0.000510
MW-15	**2/26/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-15	**2/26/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-15	**5/21/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-15	**7/26/19**	Dry	--	--	--
MW-15	**10/23/19**	<0.000190	<0.000412	<0.000160	<0.000510
MW-15	**2/17/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-15	**5/22/20**	Dry	--	--	--
MW-15	**9/16/20**	Dry	--	--	--
MW-15	**10/30/20**	Dry	--	--	--
MW-15	**2/9/21**	Dry	--	--	--
MW-15	**5/13/21**	Dry	--	--	--

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-15	**8/12/21**	Dry	--	--	--
MW-16	**3/7/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**6/16/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**9/9/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**12/1/11**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**3/9/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**6/7/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**9/12/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**12/5/12**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**3/7/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**5/30/13**	**0.0529**	<0.00100	<0.00100	<0.00100
MW-16	**8/29/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**11/14/13**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**2/27/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-16	**5/29/14**	<0.00100	<0.00100	<0.00100	<0.00300
MW-16	**9/4/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**11/19/14**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**3/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**6/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**8/13/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**12/4/15**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**2/12/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**5/26/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**9/2/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**11/3/16**	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	**3/1/17**	<0.00200	<0.00200	<0.00200	<0.00200
MW-16	**5/30/17**	Dry	--	--	--
MW-16	**8/31/17**	Dry	--	--	--
MW-16	**11/30/17**	Dry	--	--	--
MW-16	**3/2/18**	Dry	--	--	--
MW-16	**5/30/18**	Dry	--	--	--
MW-16	**8/29/18**	Dry	--	--	--
MW-16	**11/30/18**	Dry	--	--	--
MW-16	**2/26/19**	Dry	--	--	--
MW-16	**5/21/19**	Dry	--	--	--
MW-16	**7/24/19**	Dry	--	--	--
MW-16	**10/23/19**	Dry	--	--	--
MW-16	**2/19/20**	P&A	--	--	--
MW-17	**6/1/17**	**0.665**	**0.192**	**0.114**	**0.321**
MW-17	**9/1/17**	**1.56**	**0.0844**	**0.206**	**0.649**
MW-17	**3/2/18**	**1.71**	**0.0376**	**0.206**	**0.299**
MW-17	**5/30/18**	**1.74**	**0.00308**	**0.0979**	**0.128**
MW-17	**11/30/18**	**1.24**	**0.0259**	**0.170**	**0.223**
MW-17	**2/26/19**	**3.31**	**0.0105**	**0.230**	**0.234**
MW-17	**5/21/19**	**1.27**	**0.0219**	**0.168**	**0.258**
MW-17	**5/21/19**	**1.26**	**0.0229**	**0.164**	**0.253**
MW-17	**7/26/19**	**2.88**	<0.00824	**0.252**	**0.208**
MW-17	**7/26/19**	**2.81**	<0.00412	**0.264**	**0.189**
MW-17	**10/23/19**	**1.54**	<0.00824	**0.171**	**0.293**
MW-17	**10/23/19**	**1.26**	<0.0412	**0.201**	**0.201**

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-17	2/17/20	0.657	<0.00206	0.134	0.161
MW-17	5/22/20	1.530	<0.00412	0.0605	0.0635
MW-17	9/16/20	0.743	0.0547	0.0357	0.0735
MW-17	9/16/20	1.22	0.0639	0.0691	0.132
MW-17	10/30/20	0.790	<0.0103	0.0446	0.058
MW-17	2/9/21	1.68	<0.0103	0.0718	0.0783
MW-17	5/13/21	0.919	<0.0103	0.0513	0.0535
MW-17	5/13/21	0.903	0.00166	0.0503	0.0511
MW-17	8/12/21	0.808	<0.0103	0.0225 B	0.0171 J
MW-17	11/8/21	0.914	<0.0103	0.0159	0.0223 J
MW-17	11/8/21	0.839	0.000911 J	0.0449	0.0417
MW-17	2/8/22	0.547	<0.000412	0.00800	0.0132
MW-17	2/8/22	0.533	<0.000412	0.00983	0.0201
MW-17	5/3/22	0.840	<0.00412	0.00569	0.00589 J
MW-17	8/23/22	0.260	<0.00412	<0.00160	<0.00150
MW-17	11/11/22	0.261	<0.00412	0.0254	0.0269
MW-17	11/11/22	0.271	<0.000412	0.0255	0.0268
MW-17	2/8/23	0.196	<0.000412	0.0208	0.0222
MW-17	2/8/23	0.194	<0.000412	0.0183	0.0241
MW-17	5/2/23	0.241	0.0204	0.00634	0.0312
MW-17	5/2/23	0.27	<0.00500	0.00644	0.0251
MW-17	8/7/23	0.334	0.0335	0.00527	0.0164
MW-17	8/7/23	0.339	0.00132	0.00519	0.0219
MW-18	5/22/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-18	9/16/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-18	10/30/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-18	2/9/21	<0.000190	<0.000412	<0.000160	<0.000510
MW-18	5/13/21	<0.000190	<0.000412	0.000381 J	0.00128 J
MW-18	8/12/21	<0.000190	<0.000412	<0.000160	<0.000510
MW-18	11/8/21	<0.000190	0.000462 J	<0.000160	<0.000510
MW-18	2/7/22	<0.000190	<0.000412	<0.000160	<0.000510
MW-18	5/3/22	<0.000190	<0.000412	<0.000160	<0.000510
MW-18	8/23/22	<0.000190	<0.000412	<0.000160	<0.000510
MW-18	11/11/22	<0.000190	<0.000412	0.000337 J	<0.000510
MW-18	2/8/23	<0.000190	<0.000412	<0.000160	<0.000510
MW-18	5/1/23	<0.000500	<0.00100	<0.000500	<0.00150
MW-18	8/7/23	<0.000500	<0.00100	<0.000500	<0.00150
MW-19	3/25/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	5/22/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	9/16/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	10/30/20	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	2/9/21	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	5/13/21	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	5/13/21	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	8/12/21	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	11/8/21	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	2/7/22	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	5/3/22	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	8/23/22	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	11/11/22	<0.000190	0.000463 J	0.000366 J	<0.000510

Table 1
Summary of Groundwater Analytical Results
Denton Crude Station

MW-19	**2/8/23**	<0.000190	<0.000412	<0.000160	<0.000510
MW-19	**5/1/23**	<0.000500	<0.00100	<0.000500	<0.00150
MW-19	**8/7/23**	<0.000500	<0.00100	<0.000500	<0.00150
MW-20	**3/25/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**5/22/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**9/16/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**10/30/20**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**2/9/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**2/9/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**5/13/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**8/12/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**8/12/21**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**11/8/21**	**0.000311 J**	**0.000530 J**	<0.000160	<0.000510
MW-20	**2/8/22**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**5/3/22**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**8/23/22**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**11/11/22**	<0.000190	<0.000412	**0.000337 J**	<0.000510
MW-20	**2/8/23**	<0.000190	<0.000412	<0.000160	<0.000510
MW-20	**5/1/23**	<0.000500	<0.00100	<0.000500	<0.00150
MW-20	**8/7/23**	<0.000500	<0.00100	<0.000500	<0.00150
Trip Blank	**2/26/19**	<0.000190	<0.000412	**0.000385 J**	<0.000510
Trip Blank	**10/23/19**	<0.000190	<0.000412	<0.000160	<0.000510
Trip Blank	**2/17/20**	<0.000190	<0.000412	<0.000160	<0.000510
Trip Blank	**8/29/22**	<0.000190	<0.000412	<0.000160	<0.000510
Trip Blank	**11/11/22**	<0.000190	<0.000412	**0.000290 J**	<0.000510
Trip Blank	**5/2/23**	<0.000500	<0.00100	<0.000500	<0.00150
Trip Blank	**5/5/23**	<0.000500	**0.000593 J**	<0.000500	<0.00150
Trip Blank	**8/7/23**	<0.000500	<0.00100	<0.000500	<0.00150
Equip Blank	**11/11/22**	<0.000190	**0.000507 J**	**0.000276 J**	<0.000510

Notes:

1. Sample results listed from 2008 and 2010 were collected and reported by NOVA
2. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis by Environmental Protection
3. All reported concentrations are reported as milligrams per Liter (mg/L)
4. Bold font indicates laboratory detection
5. Yellow shaded cells indicate results exceeding NMWQCC Human Health Standards
6. < = Not detected above the Sample Detection Limit
7. J = Denotes an estimated concentration detected above the Sample Detection Limit and below
8. DUP - Duplicate Sample
9. LNAPL - Light Non-Aqueous Phase Liquid
10. Dry - No fluid column measured in monitoring well
11. NS - Not Sampled
12. -- = No analytical data reported for corresponding date
13. P&A - Plugged and Abandoned

Table 2
2024 Redox Analysis Results

Sample Location:	Sample Date:	DO mg/L	ORP millivolts	Nitrate (as N) mg/L	Manganese (dissolved) µg/L	Iron (dissolved) µg/L	Sulfate mg/L	Methane µg/L	Approximate TEAP
Upgradient									
MW-8	8/14/2024	**5.5**	179.3	--	--	--	--	--	**Potentially Aerobic**
MW-9	8/14/2024	**6.8**	175.8	--	--	--	--	--	**Potentially Aerobic**
MW-18	8/14/2024	**4.8**	90.8	<0.100	**5.6**	<200	64	1930	**Mixed Anoxic**
Source Area									
MW-5	8/12/2024	**1**	-132.1	--	--	--	--	--	**Potentially Anaerobic**
MW-3R	8/14/2024	**3.6**	-75.5	<0.100	57.9	<200	<0.5	--	**Sulfate Reducing**
MW-7	8/13/2024	-0.1	-124.7	--	--	--	--	--	**Anaerobic**
MW-17	8/14/2024	**4.5**	-144.8	<0.100	159	<200	10.5	254000	**Methanogenesis**
Downgradient									
MW-6	8/14/2024	**1.9**	25.7	<0.100	62.1	<200	30.2	3420	**Methanogenesis**
MW-19	8/13/2024	**5**	151.2	--	--	--	--	--	**Potentially Aerobic**
MW-1R	8/14/2024	**0.8**	-91.5	<0.100	**41.3**	<200	36	--	**Nitrate Reducing**
MW-4	8/14/2024	**2.7**	4.8	<0.100	98.9	<200	36.7	--	**Manganese Reducing**
MW-2R	8/12/2024	**2.9**	73.5	--	--	--	--	--	**Potentially Aerobic**
MW-20	8/13/2024	**2.9**	73.5	--	--	--	--	--	**Potentially Aerobic**

Notes:
Red bold font indicates aerobic conditions.
Blue shading indicates reducing conditions.
Regular font indicates inconclusive redox conditions.
Wells are ordered to reflect their relative proximity to the source area

"--" - Not measured.
U - Not detected at associated detection limit.
TEAP - Terminal electron-accepting process.

Thresholds for reducing conditions based on:

McMahon, P. B., and F. H. Chapelle. "Redox processes and water quality of selected principal aquifer systems." *Ground Water* 46.2 (2008): 259-271.

Christensen, Thomas H., et al. "Characterization of redox conditions in groundwater contaminant plumes." *Journal of Contaminant Hydrology* 45.3 (2000): 165-241.

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

CONDITIONS

Operator:	OGRID:
PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	34053
	Action Number: 498858
	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 March 1993. Plan will be submitted as a report by October 24, 2025. Alternatively, if a Stage 2 Abatement Modification Report has been approved by OCD since 1993, provide a copy of Stage 2 Abatement Modification Report by October 10, 2025, so OCD can update our Online records.	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	Continue submitting quarterly monitoring and sampling reports.	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. Annual PAH analysis of all wells applicable.	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