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Your ref: AP-007
Our ref: 12604539

March 26, 2025

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

2025 Annual Groundwater Monitoring Report
Chevron Grayburg 6-Inch Sec. 6 (Historical)
Plains All American Pipeline, L.P.
Lea County, New Mexico
New Mexico Oil Conservation Division Remediation Case No. 1RP-2637
Incident Number nAPP2108849308

To whom it may concern:

On behalf of Plains All American Pipeline, L.P. (Plains), GHD Services Inc. (GHD) is submitting the *2025 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 2025 in accordance with the NMOCD's recommendations in response to the *2024 Annual Groundwater Monitoring Report.*

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

Regards,

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Project Manager

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AC/ls/S4

Encl.: 2025 Annual Groundwater Monitoring Report

2025 Annual Groundwater Monitoring Report

Chevron Grayburg 6-Inch Sec. 6 (Historical)
Lea County, New Mexico
NMOCD 1RP-2637
Incident ID #: nAPP2108849308

Plains All American Pipeline, L.P.

March 26, 2025

→ The Power of Commitment

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1. Introduction and Site History

This report presents the results of groundwater monitoring activities conducted during 2025 at the Plains All American Pipeline, L.P. (Plains) Chevron Grayburg 6-Inch Sec. 6 (Historical) release site (Site) by GHD Services Inc. (GHD). The Site is located approximately 14 miles southwest of Lovington and in the NW ¼, NE ¼, Section 6, Township 18 South, Range 35 East in Lea County, New Mexico. The coordinates of this Site are 32.7811° N latitude and 103.4925° W longitude. The location of the Site is shown in Figure 1. A detailed map of the Site is provided on Figure 2. The property affected by the release is owned by the State of New Mexico and is administered by the New Mexico State Land Office (NMSLO). The Site is regulated by the New Mexico Oil Conservation Division (NMOCD) under Remediation Permit (RP)-2637 and is associated with incident number nAPP2108849308.

A crude oil release occurred on October 8, 2010, due to an excavator striking a tee connected to the Chevron Grayburg 6-inch pipeline during line replacement. An Initial Release Notification and Corrective Action Form C-141 was submitted to the NMOCD on October 8, 2010, and was assigned 1RP-2637. A copy of the Release Notification and Corrective Action Form C-141 is attached as Appendix A. On October 22, 2010, project management responsibilities and remediation responsibilities were assumed by Basin Environmental Service Technologies, LLC (Basin). Four monitoring wells (MW-1, MW-2, MW-3, and MW-4) were installed in June 2012, and three monitoring wells (MW-5, MW-6, and MW-7) were installed in March 2013 to delineate the extent of groundwater contamination.

On October 1, 2016, GHD assumed Site groundwater project management and remediation responsibilities. Results of groundwater monitoring events and light non-aqueous phase liquid (LNAPL) recovery prior to October 1, 2016, were provided by Plains. GHD provided oversight to the installation of seven monitoring wells (MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, and MW-14) in November 2017 to further delineate the extent of groundwater contamination. All wells were installed with NMOCD approval. A detailed map of the Site with monitoring well locations depicted is provided on Figure 2.

Currently, the Site has a network of 14 groundwater monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, and MW-14) which are sampled quarterly to monitor the concentrations of COCs and to delineate the extent of the contamination. The COCs are BTEX and polycyclic aromatic hydrocarbons (PAHs), which includes benzo(a)pyrene, total naphthalene, and combined monomethylnaphthalenes (1-methylnaphthalenes and 2-methylnaphthalenes). Copies of the Certified Laboratory Analytical Reports are attached as Appendix B.

2. Groundwater Monitoring

GHD performed quarterly groundwater monitoring activities at the Site on April 23 and 25, June 9-10, September 22-23, and October 27-28, 2025. The monitoring program included quarterly groundwater gauging and sampling from monitoring wells.

2.1 Monitoring Well Gauging

On April 23, June 9, September 22, and October 27, 2025, GHD personnel measured the depth to groundwater in monitoring wells MW-1 through MW-14 using an electronic oil/water interface probe (IP). The IP was cleaned with laboratory grade soap and purified water prior to gauging each monitoring well.

Based on the data collected in 2025, groundwater flow is generally west-southwest and is consistent with historical data for the Site. The groundwater gradient was calculated at 0.102 foot per linear foot (ft/ft) in April, 0.273 ft/ft in June, 0.376 ft/ft in September, and 0.102 ft/ft in October. The potentiometric surface indicates groundwater elevations have

decreased an average of 0.04 feet (ft) between November 2024 and October 2025. Fluctuations in the elevation of the potentiometric surface are attributed to seasonal weather conditions. Groundwater potentiometric surface maps are presented as Figures 3, 4, 5, and 6.

One of the fourteen monitoring wells (MW-7) at the Site contained LNAPL throughout 2025 with measurable thicknesses ranging from 0.02 ft to 4.23 ft. Depth to groundwater, LNAPL thickness, and calculated groundwater elevations are summarized in Table 1 and represented on Figures 7, 8, 9, and 10. Historical results are provided in Appendix C.

2.2 Groundwater Sampling

Following gauging during each quarterly monitoring event in April, June, September, and October 2025, GHD personnel utilized clean, disposable, polyethylene (PE) bailers to purge a minimum of three well volumes of groundwater or until the well bailed dry. The well was allowed to recover before collecting a groundwater sample. Purged water recovered during the monitoring events was placed into the Site's above-ground storage tank (AST) pending disposal. Purge water was periodically transported off-Site and disposed at a NMOCD-approved disposal facility as directed by Plains. Disposal records are available upon request.

Groundwater samples were collected, placed in laboratory provided sample containers, packed in a cooler with ice, and transported under chain-of-custody documentation to ALS Environmental Laboratory (ALS) in Houston, Texas. Analyses of BTEX were performed according to the United States Environmental Protection Agency (USEPA) Method SW846-8260.

On an annual basis, groundwater samples are analyzed for PAHs by EPA Method SW846-8270C-SIM for monitoring wells not having previously met the criteria of two consecutive years of PAH compounds being below NMWQCC standards and below 0.001 milligrams per liter (mg/L) for PAH compounds with no NMWQCC standard as required by the NMOCD. One sample was collected from monitoring well MW-8 on October 28, 2025, and was 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 was also submitted as a QA/QC sample for each groundwater monitoring event.

2.4 Analytical Results

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

Analytical results indicated benzene at concentrations exceeding the NMWQCC Groundwater Remediation and Delineation Limit in samples from two of thirteen monitoring wells sampled in the first quarterly monitoring event (April), two of thirteen monitoring wells sampled in the second quarterly monitoring event (June), three of thirteen monitoring wells sampled in the third quarterly monitoring event (September), and three of thirteen monitoring wells sampled in the fourth quarterly monitoring event (October). Analytical results indicated toluene, ethylbenzene, and total xylenes at concentrations below NMWQCC standards in all monitoring wells sampled in 2025. The PAH sample collected from MW-8 reported all PAH compounds below NMWQCC standards or below 0.001 mg/L for compounds without a standard, thereby meeting the requirement for two consecutive years of compliant PAH results.

The groundwater analytical results are summarized in Table 2; historical results are provided in Appendix D. The groundwater PAH results are summarized in Table 3. Copies of the Certified Laboratory Analytical Reports are attached as Appendix B. COC concentration maps are presented as Figures 7, 8, 9, and 10.

3. Remediation Activities

3.1 Mobile Dual Phase Extraction

24-hour Mobile Dual Phase Extraction (MDPE) events for the recovery of LNAPL and impacted groundwater at the Site were conducted by Talon-LPE (Talon) on monitoring wells MW-7, MW-8, and MW-12 on May 7, July 22, September 9, and November 5, 2025. Talon estimates approximately 702 gallons of fluids were recovered during the MDPE events. Based on Talon's mass recovery calculations, the total hydrocarbon recovery in liquid and vapor phases was approximately 183.33 gallons, consisting of approximately 68 gallons of liquid-phase phase separated hydrocarbons (PSH) and approximately 115.33 gallons recovered as off-gas vapor All recovered fluids were disposed of at an approved, licensed disposal facility, and all hydrocarbon vapors were destroyed in a thermal oxidizer operating within the emissions limits established by the PI-7 Permit. The corresponding MDPE report is provided in Appendix E.

In addition to the MDPE events, hydrocarbon absorbent socks are maintained in monitoring wells MW-7 and MW-12 to facilitate passive recovery of residual LNAPL observed at the Site. Socks are inspected and replaced during monitoring events.

4. Summary and Planned Monitoring Activities

4.1 Summary

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

- LNAPL was gauged in one of the fourteen monitoring wells (MW-7) at the Site with thicknesses ranging from 0.02 ft to 4.23 ft.
- The potentiometric surface indicates groundwater elevations have decreased an average of 0.04 feet between November 2024 and October 2025.
- Benzene concentrations exceeded the NMWQCC Groundwater Remediation and Delineation Limit in four (MW-1, MW-8, MW-11, and MW-12) of the fourteen monitoring wells sampled at the Site.
- Toluene, ethylbenzene, and xylene concentrations were below the NMWQCC Groundwater Remediation and Delineation Limits in all monitoring wells sampled at the Site in 2025.
- Annual PAH analysis for monitoring well MW-8 indicated all PAH compounds below NMWQCC standards or below 0.001 mg/L for compounds without a standard, thereby meeting the requirement for two consecutive years of compliant PAH results.
- Three MDPE events were conducted by Talon on MW-7, MW-8, and MW-12, which removed approximately 702 gallons of fluids and 183.33 gallons of hydrocarbons in liquid and vapor phases.

4.2 Planned Monitoring Activities

Based on the results of the 2025 groundwater monitoring events and comments from the NMOCD, the following activities are planned for 2026:

- Continue quarterly groundwater monitoring events for sampling of groundwater and analysis of BTEX by USEPA Method SW846-8260 for all Site monitoring wells.

5. Scope and Limitations

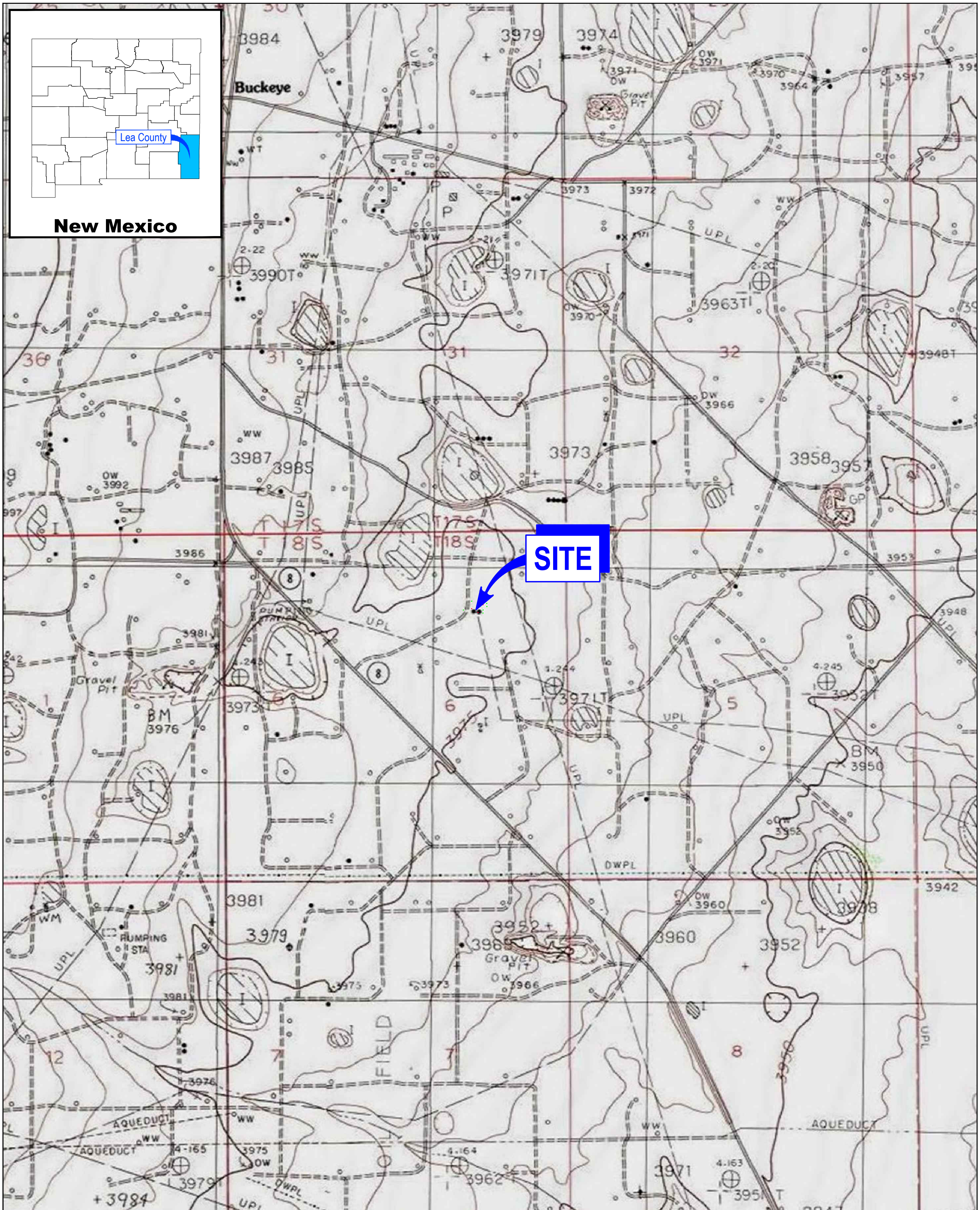
This report: has been prepared by GHD for Plains All American and may only be used and relied on by Plains All American for the purpose agreed between GHD and Plains All American

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.



0 1000 2000 ft

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

N

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
CHEVRON GRAYBURG 6-INCH SEC. 6 (HISTORICAL)
NMOCD No: nAPP2108846308

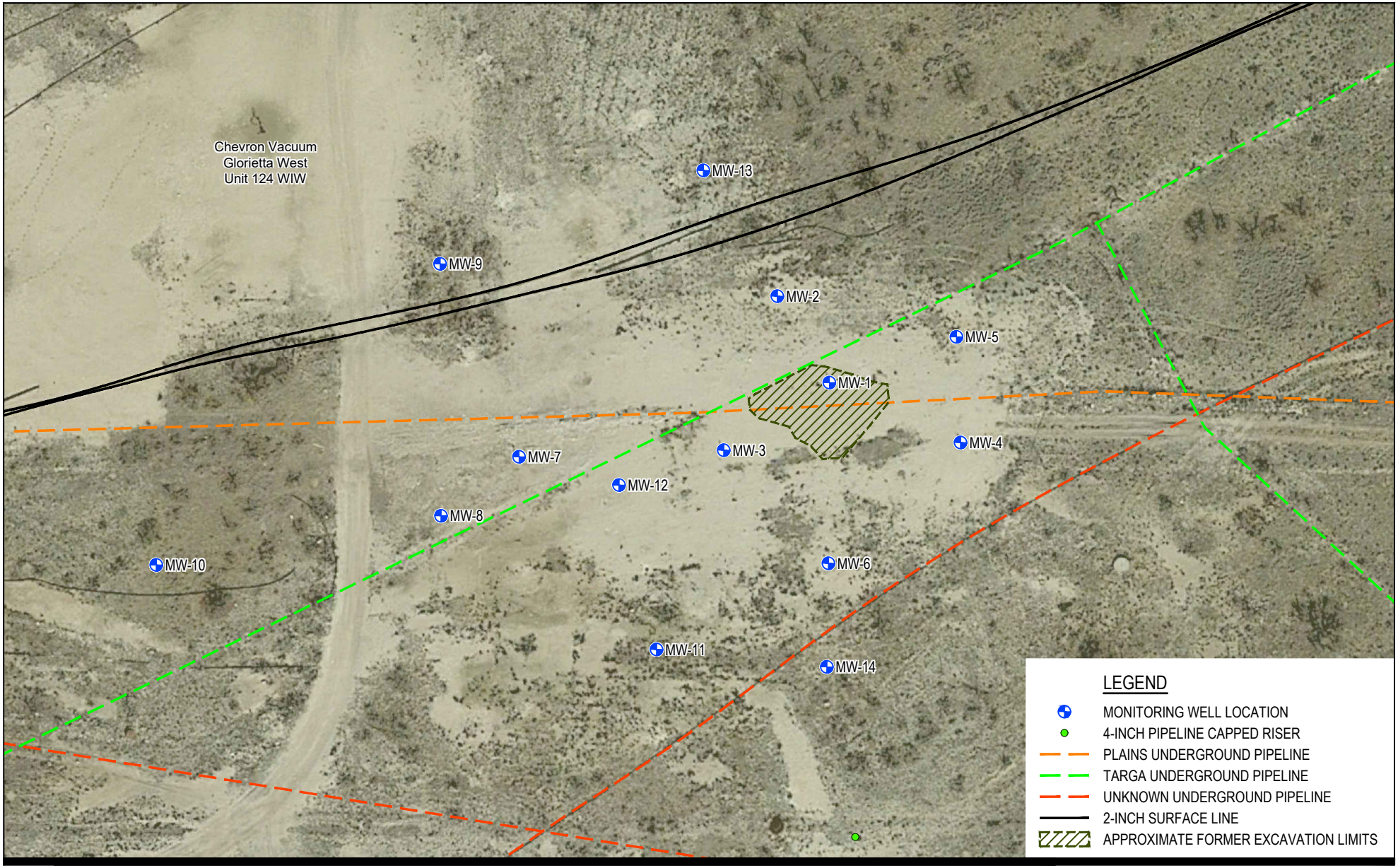
SITE LOCATION MAP

Project No. **12604539**
Date **June 2025**

FIGURE 1

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604539\Digital_Design\ACAD\Figures\GWR2025\12604539-GHD-00-00-RPT-EN-D101_DL-2025.dwg

Data Source: USGS 7.5 Minute Quad "Lovington SW and Buckeye, New Mexico"
Lat/Long: 32.78091° North, 103.492240° West



N

0 30 60 ft

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

GHD

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LEA COUNTY, NEW MEXICO
CHEVRON GRAYBURG 6-INCH SEC. 6 (HISTORICAL)
NMOCD No: nAPP2108846308

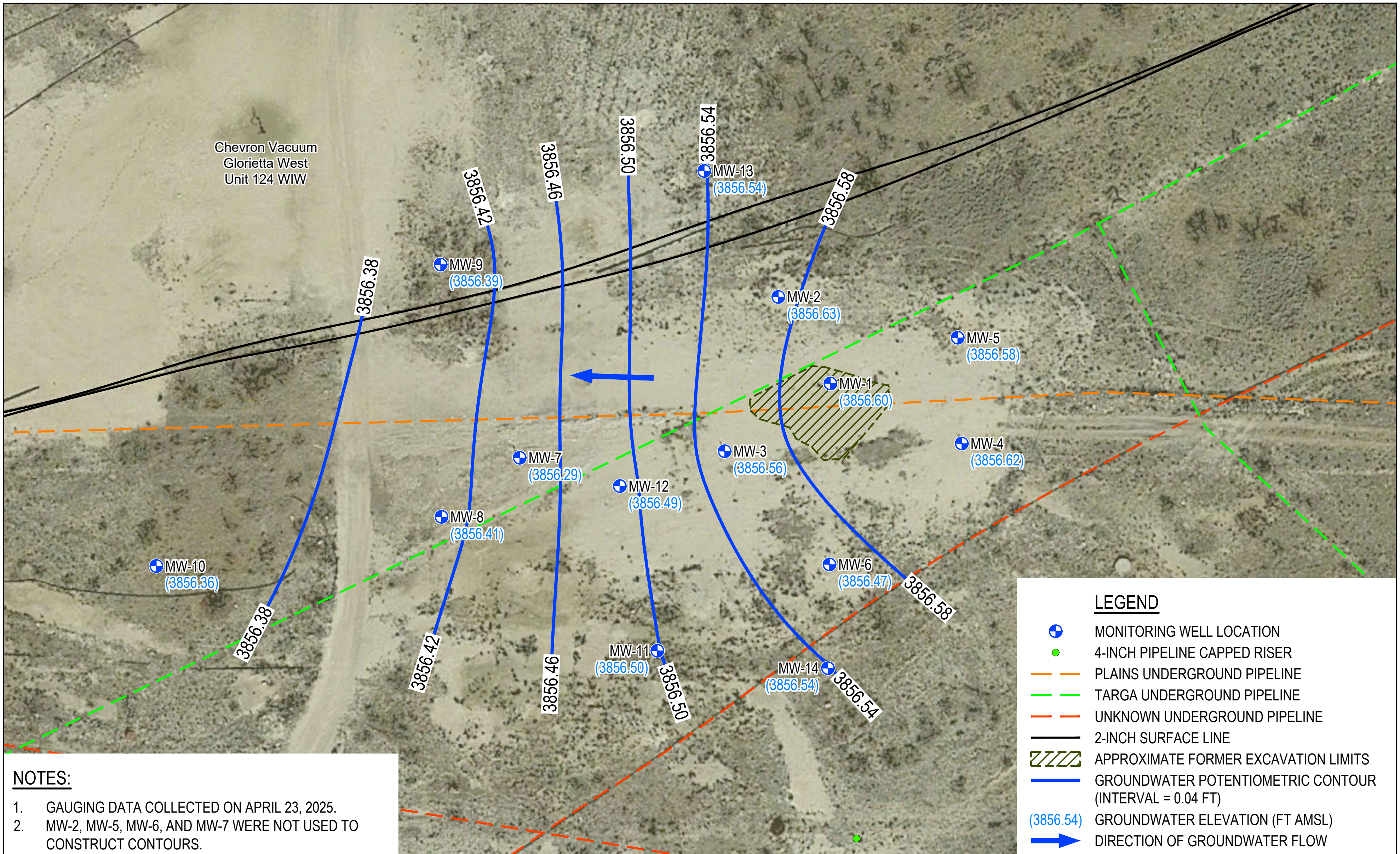
SITE DETAILS MAP

Project No. **12604539**
Date **June 2025**

FIGURE 2

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604539\Digital_Design\ACAD\Figures\GWR2025\12604539-GHD-00-00-RPT-EN-D101_DL-2025.dwg
Plot Date: 05 June 2025 9:14 AM

Data Source: Source: Image © 2016 Google - Imagery Date: February 1, 2017
Lat/Long: 32.78091° North, 103.492240° West



NOTES:

1. GAUGING DATA COLLECTED ON APRIL 23, 2025.
2. MW-2, MW-5, MW-6, AND MW-7 WERE NOT USED TO CONSTRUCT CONTOURS.

0 30 60 ft

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

N

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LEA COUNTY, NEW MEXICO
CHEVRON GRAYBURG 6-INCH SEC. 6 (HISTORICAL)
NMOCD No: nAPP2108846308

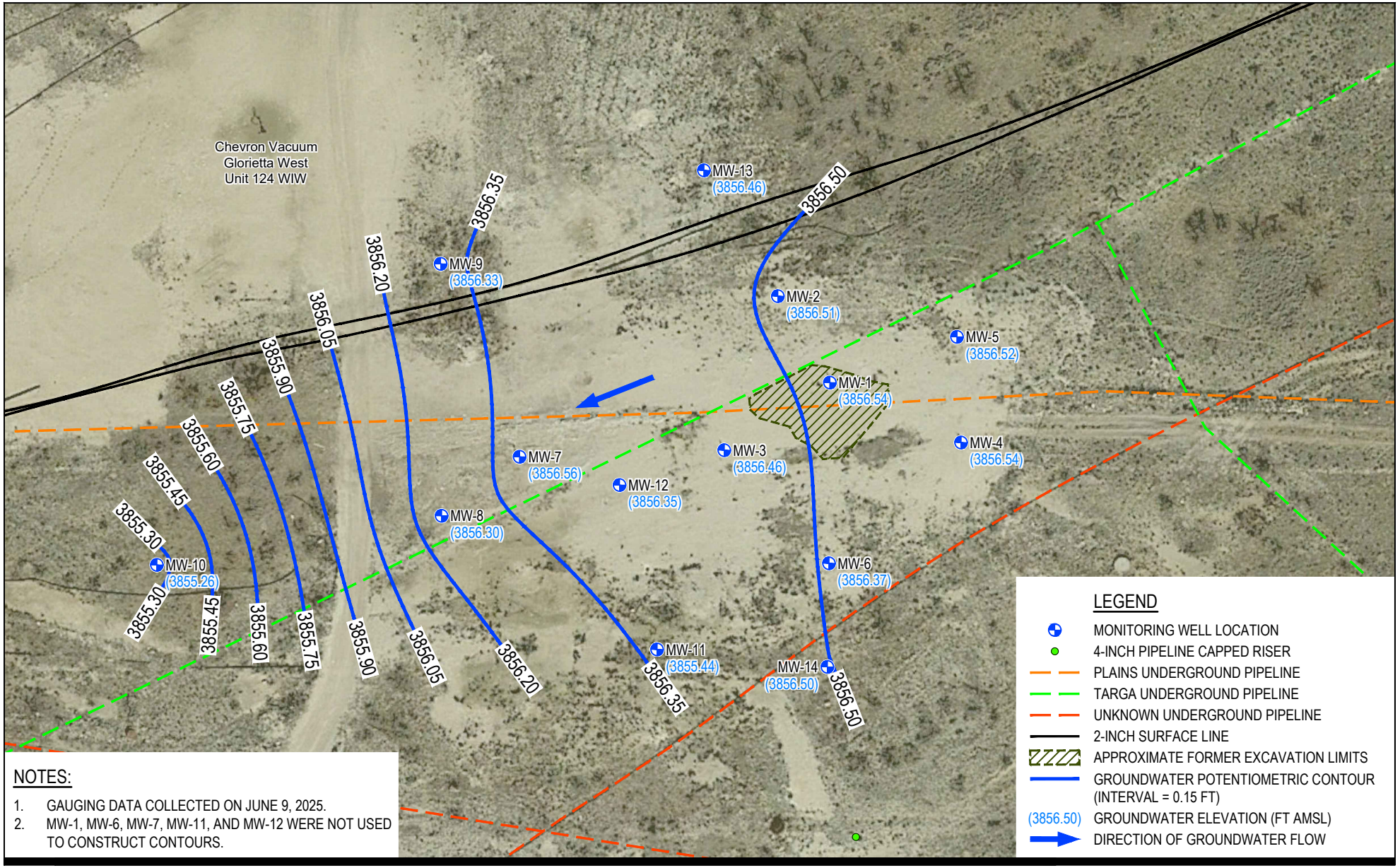
POTENTIOMETRIC SURFACE MAP
(APRIL 2025)

Project No. **12604539**
Date **June 2025**

FIGURE 3

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604539\Digital_Design\ACAD\Figures\GWR2025\12604539-GHD-00-00-RPT-EN-D101_DL-2025.dwg

Data Source: Source: Image © 2016 Google - Imagery Date: February 1, 2017
Lat/Long: 32.78091° North, 103.492240° West



NOTES:

1. GAUGING DATA COLLECTED ON JUNE 9, 2025.
2. MW-1, MW-6, MW-7, MW-11, AND MW-12 WERE NOT USED TO CONSTRUCT CONTOURS.

0 30 60 ft

N

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
CHEVRON GRAYBURG 6-INCH SEC. 6 (HISTORICAL)
NMOCD No: nAPP2108846308

POTENTIOMETRIC SURFACE MAP
(JUNE 2025)

Project No. **12604539**
Date **July 2025**

FIGURE 4

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604539\Digital_Design\ACAD\Figures\GWR2025\12604539-GHD-00-00-RPT-EN-D102_DL-Jun 2025.dwg
Last Saved: Jul 25, 2025

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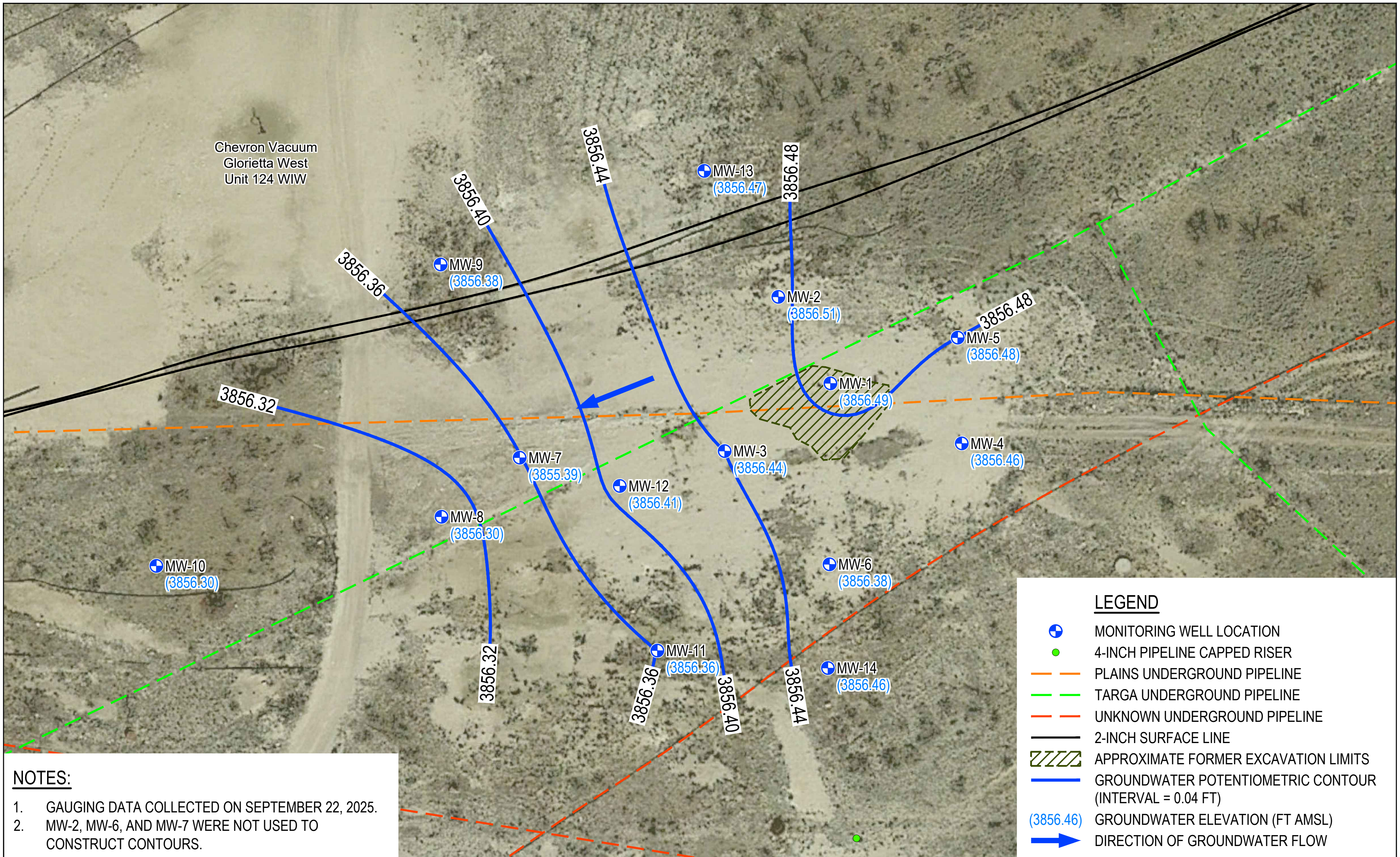
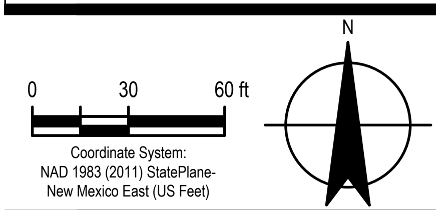
Lat/Long: 32.78091° North, 103.492240° West



NOTES:

1. GAUGING DATA COLLECTED ON SEPTEMBER 22, 2025.
2. MW-2, MW-6, AND MW-7 WERE NOT USED TO CONSTRUCT CONTOURS.



Coordinate System:
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PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
CHEVRON GRAYBURG 6-INCH SEC. 6 (HISTORICAL)
NMOCD No: nAPP2108846308

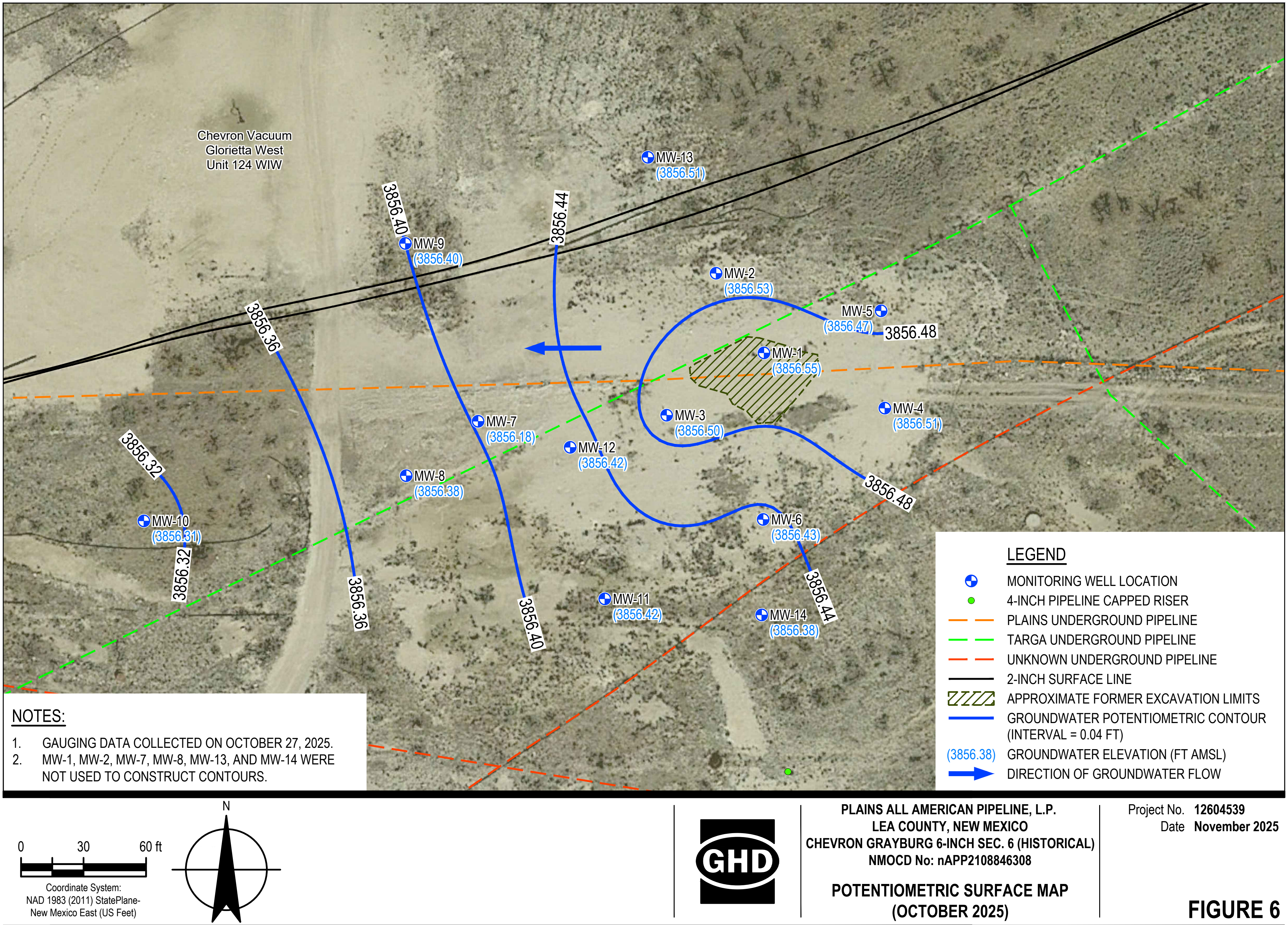
POTENTIOMETRIC SURFACE MAP (SEPTEMBER 2025)

Project No. **12604539**
Date **November 2025**

FIGURE 5

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604539\Digital_Design\ACAD\Figures\GWR2025\12604539-GHD-00-00-RPT-EN-D103_DL-Sep 2025.dwg

Data Source: Source: Image © 2016 Google - Imagery Date: February 1, 2017
Lat/Long: 32.78091° North, 103.492240° West



NOTES:

1. GAUGING DATA COLLECTED ON OCTOBER 27, 2025.
2. MW-1, MW-2, MW-7, MW-8, MW-13, AND MW-14 WERE NOT USED TO CONSTRUCT CONTOURS.

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
CHEVRON GRAYBURG 6-INCH SEC. 6 (HISTORICAL)
NMOCD No: nAPP2108846308

POTENTIOMETRIC SURFACE MAP
(OCTOBER 2025)

Project No. **12604539**
Date **November 2025**

FIGURE 6

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604539\Digital_Design\ACAD\Figures\GWR2025\12604539-GHD-00-00-RPT-EN-D104_DL-Oct 2025.dwg

Data Source: Source: Image © 2016 Google - Imagery Date: February 1, 2017
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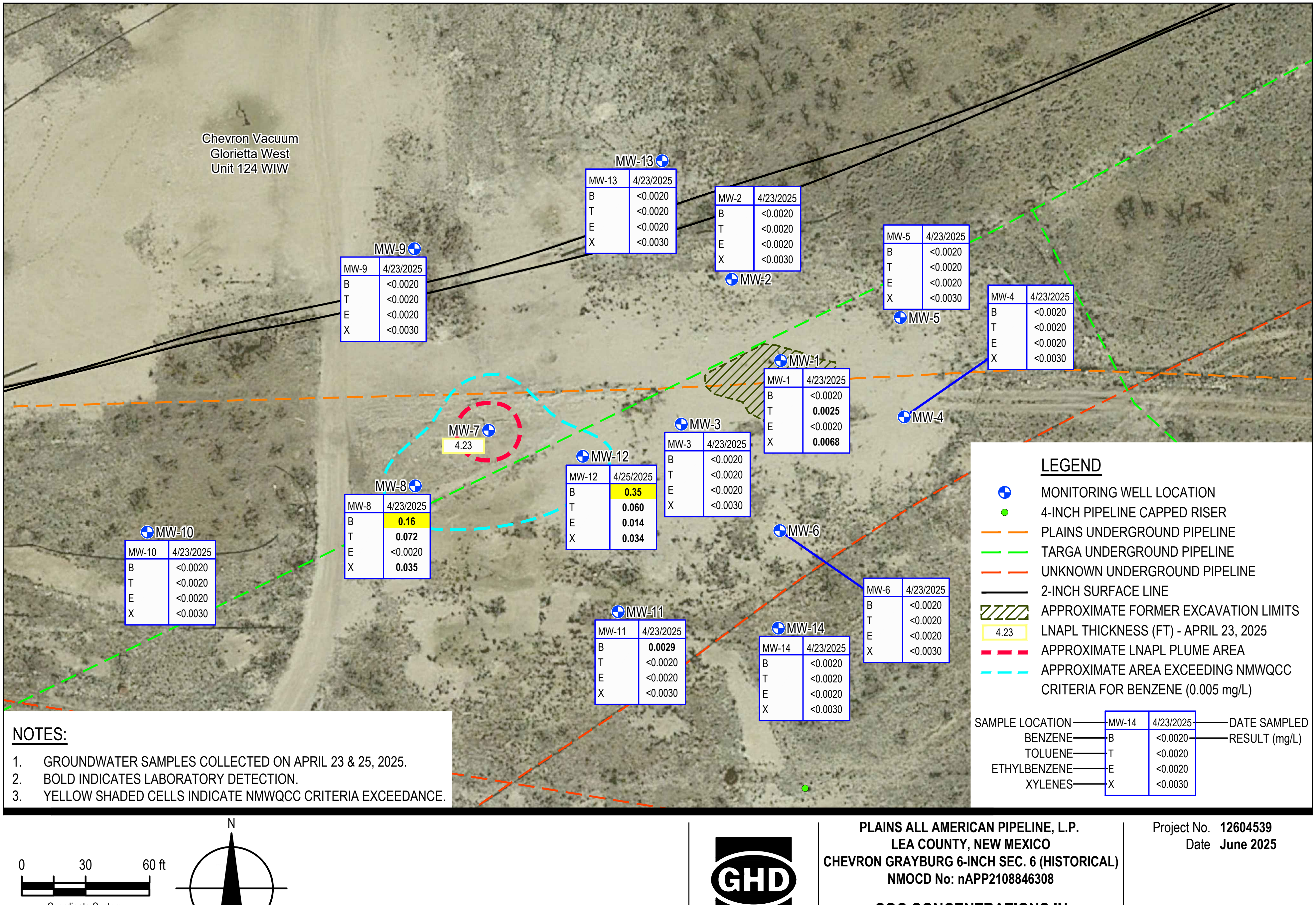

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

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PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
CHEVRON GRAYBURG 6-INCH SEC. 6 (HISTORICAL)
NMOCD No: nAPP2108846308

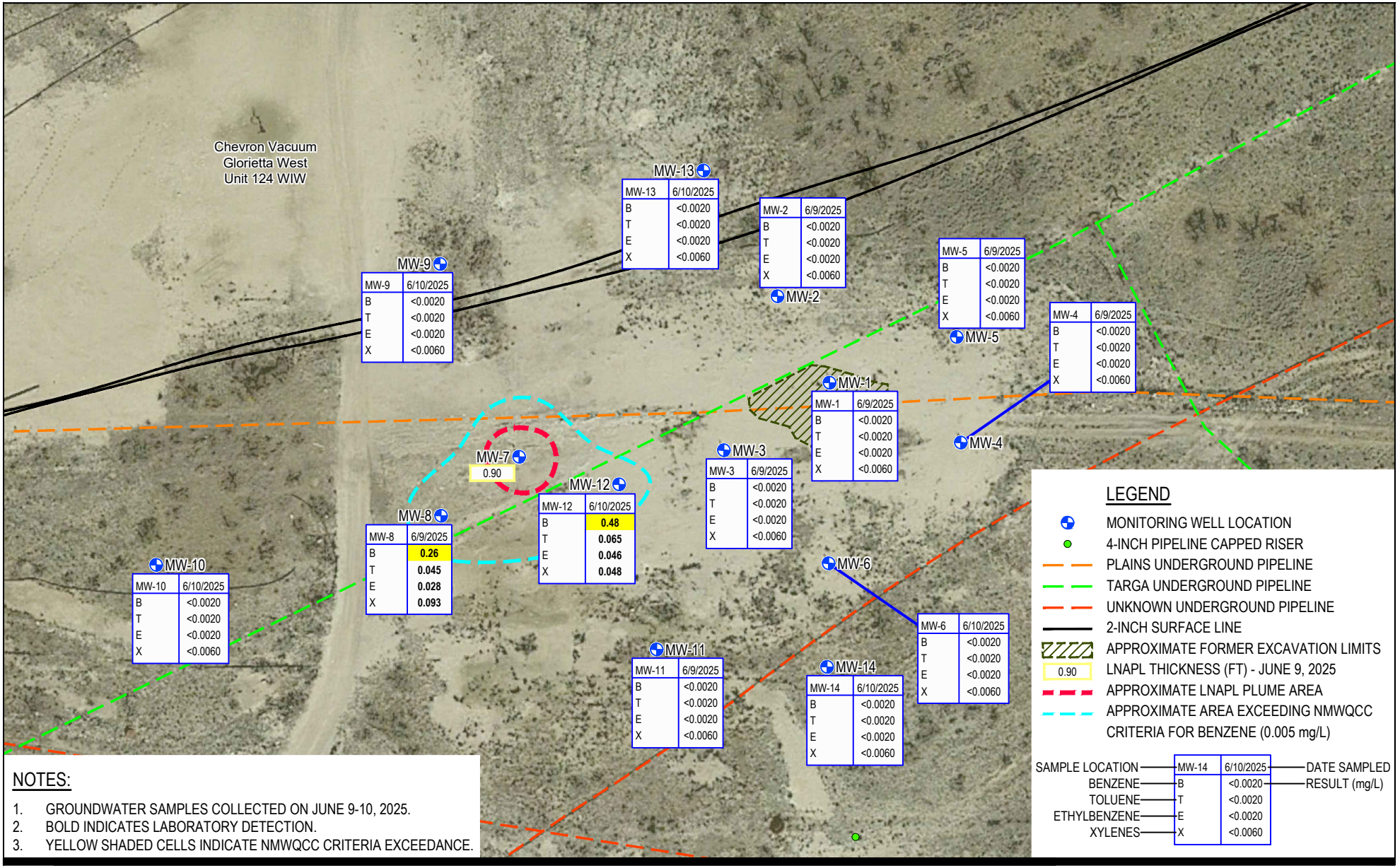
COC CONCENTRATIONS IN GROUNDWATER (APRIL 2025)

Project No. **12604539**
Date **June 2025**

FIGURE 7

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604539\Digital_Design\ACAD\Figures\GWR2025\12604539-GHD-00-00-RPT-EN-D101_DL-2025.dwg

Data Source: USGS 7.5 Minute Quad "Lovington SW and Buckeye, New Mexico"
Lat/Long: 32.78091° North, 103.492240° West



PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
CHEVRON GRAYBURG 6-INCH SEC. 6 (HISTORICAL)
NMOCD No: nAPP2108846308

COC CONCENTRATIONS IN GROUNDWATER (JUNE 2025)

Project No. **12604539**
Date **July 2025**

FIGURE 8

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604539\Digital_Design\ACAD\Figures\GWR2025\12604539-GHD-00-00-RPT-EN-D102_DL-Jun 2025.dwg
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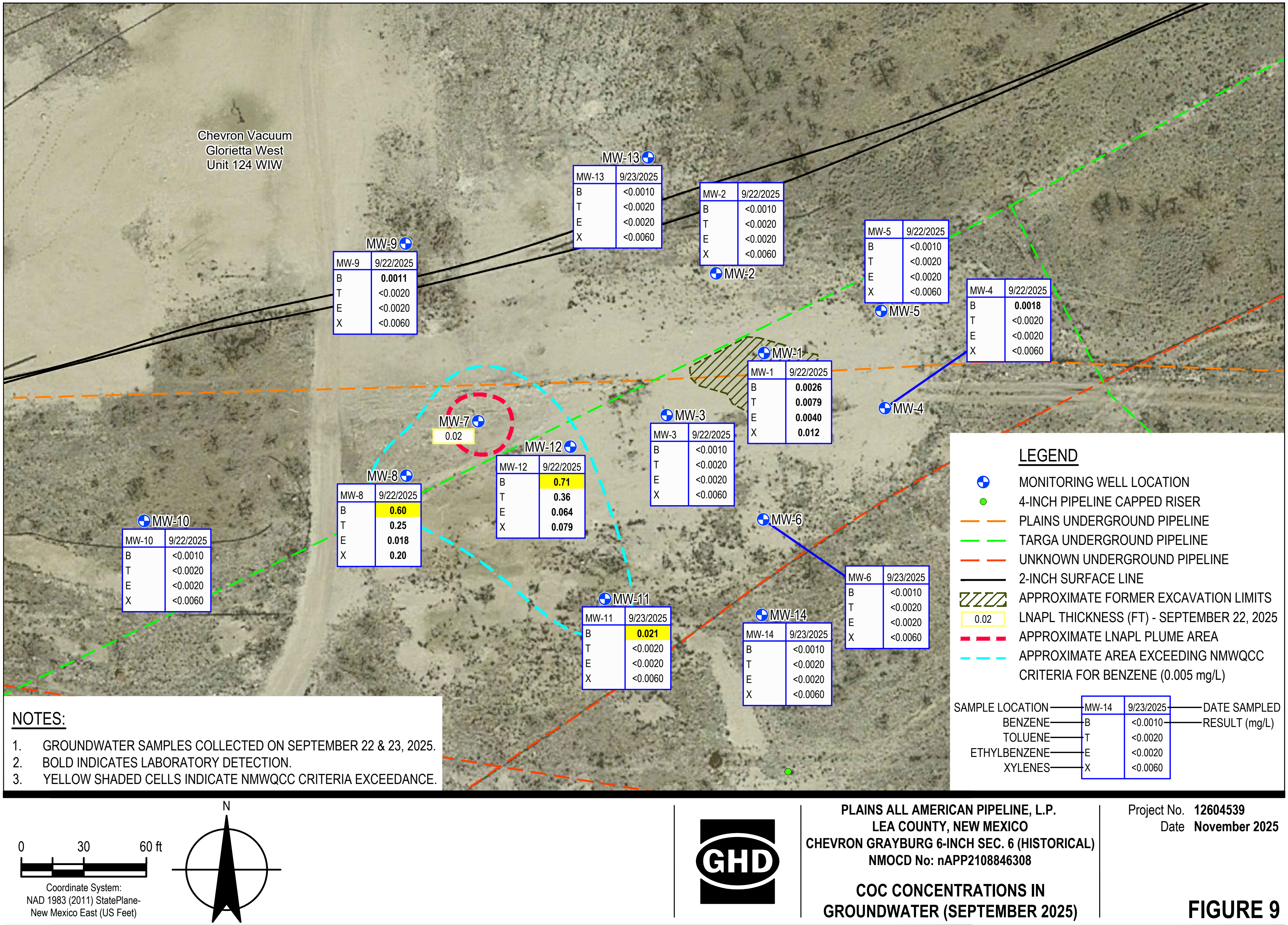

NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON SEPTEMBER 22 & 23, 2025.
2. BOLD INDICATES LABORATORY DETECTION.
3. YELLOW SHADED CELLS INDICATE NMWQCC CRITERIA EXCEEDANCE.

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

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
CHEVRON GRAYBURG 6-INCH SEC. 6 (HISTORICAL)
NMOCD No: nAPP2108846308

COC CONCENTRATIONS IN GROUNDWATER (SEPTEMBER 2025)

Project No. **12604539**
Date **November 2025**

FIGURE 9

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604539\Digital_Design\ACAD\Figures\GWR2025\12604539-GHD-00-00-RPT-EN-D103_DL-Sep 2025.dwg

Data Source: USGS 7.5 Minute Quad "Lovington SW and Buckeye, New Mexico"
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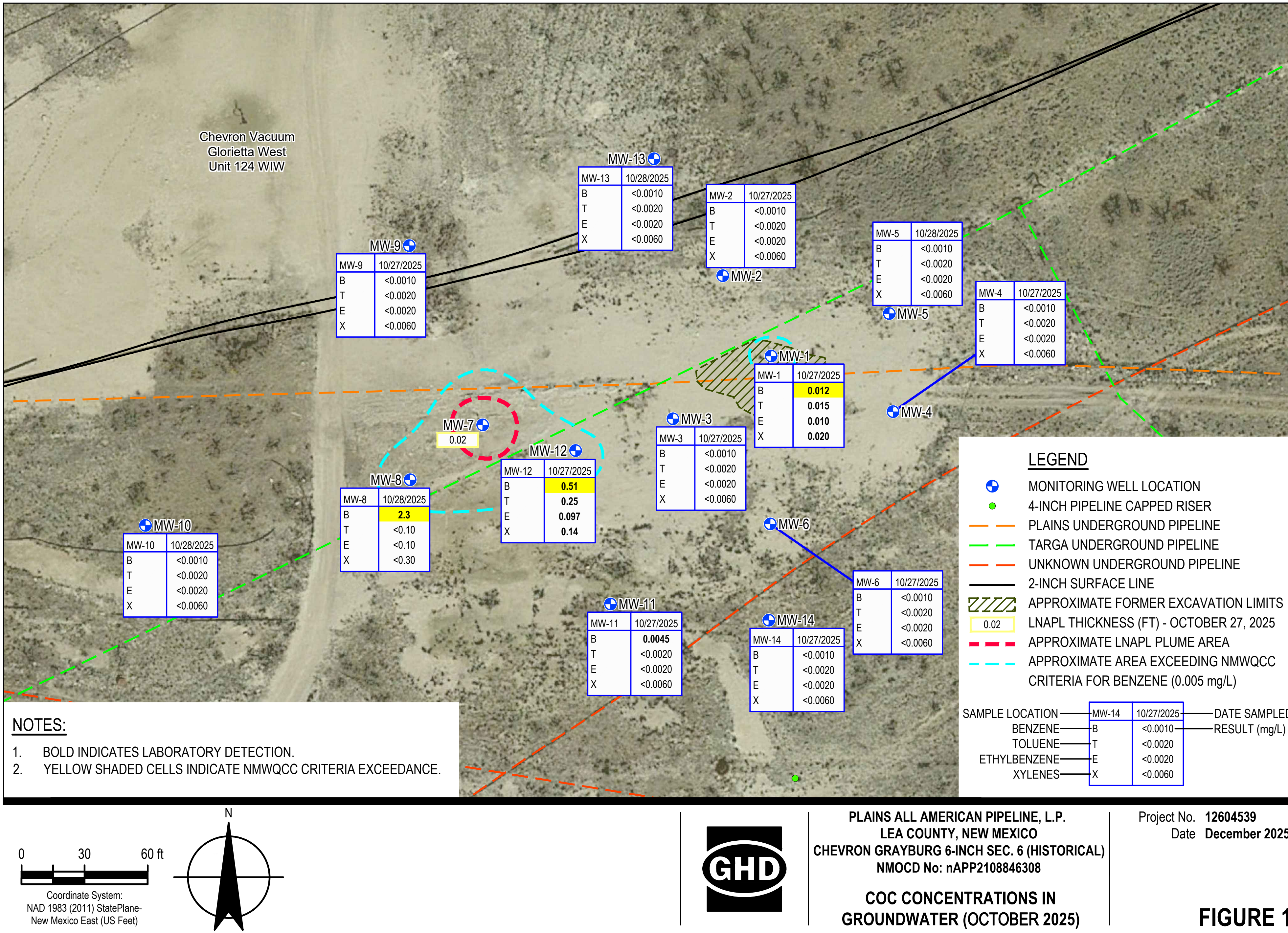

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
CHEVRON GRAYBURG 6-INCH SEC. 6 (HISTORICAL)
NMOCD No: nAPP2108846308

COC CONCENTRATIONS IN GROUNDWATER (OCTOBER 2025)

Project No. **12604539**
Date **December 2025**

FIGURE 10

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12604539\Digital_Design\ACAD\Figures\GWR2025\12604539-GHD-00-00-RPT-EN-D104_DL-Oct 2025.dwg

Data Source: USGS 7.5 Minute Quad "Lovington SW and Buckeye, New Mexico"
Lat/Long: 32.78091° North, 103.492240° West

Table 1

Summary of Groundwater Gauging and Elevation Data (Last 5 Years)
Plains All American Pipeline, L.P.
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	01/28/21		3982.09	123.31	--	--	3858.78	--
MW-1	02/25/21		3982.09	123.33	--	--	3858.76	128.97
MW-1	03/24/21		3982.09	123.33	--	--	3858.76	--
MW-1	04/30/21		3982.09	123.33	--	--	3858.76	--
MW-1	05/11/21		3982.09	123.39	--	--	3858.7	--
MW-1	06/28/21		3982.09	123.33	--	--	3858.76	--
MW-1	07/27/21		3982.09	123.26	--	--	3858.83	--
MW-1	08/24/21		3982.09	123.25	--	--	3858.84	--
MW-1	09/30/21		3982.09	123.4	--	--	3858.69	128.97
MW-1	10/28/21		3982.09	123.45	--	--	3858.64	128.97
MW-1	11/16/21		3982.09	122.49	--	--	3859.6	128.97
MW-1	02/01/22		3982.09	123.78	--	--	3858.31	128.97
MW-1	02/22/22		3982.09	123.89	--	--	3858.2	128.91
MW-1	03/16/22		3982.09	123.91	--	--	3858.18	128.91
MW-1	04/11/22		3982.09	123.99	--	--	3858.1	128.91
MW-1	05/24/22		3982.09	124.16	--	--	3857.93	128.91
MW-1	06/15/22		3982.09	124.27	--	--	3857.82	128.91
MW-1	07/28/22		3982.09	124.25	--	--	3857.84	128.91
MW-1	08/24/22		3982.09	124.39	--	--	3857.7	128.91
MW-1	11/02/22		3982.09	124.55	--	--	3857.54	128.91
MW-1	01/23/23		3982.09	124.79	--	--	3857.3	128.91
MW-1	02/17/23		3982.09	124.85	--	--	3857.24	129.28
MW-1	03/01/23		3982.09	124.84	--	--	3857.25	129.28
MW-1	04/24/23		3982.09	125.37	--	--	3856.72	126.13
MW-1	05/09/23		3982.09	124.93	--	--	3857.16	126.13
MW-1	06/16/23		3982.09	124.83	--	--	3857.26	126.13
MW-1	07/21/23		3982.09	124.86	--	--	3857.23	126.13
MW-1	08/08/23		3982.09	124.86	--	--	3857.23	126.13
MW-1	09/15/23		3982.09	124.88	--	--	3857.21	126.13
MW-1	10/20/23		3982.09	124.87	--	--	3857.22	--
MW-1	11/16/23		3982.09	124.78	--	--	3857.31	--
MW-1	02/26/24		3982.09	124.86	--	--	3857.23	126.13
MW-1	05/20/24		3982.09	125	--	--	3857.09	129.08
MW-1	08/20/24		3982.09	125.07	--	--	3857.02	129.14
MW-1	11/18/24		3982.09	125.26	--	--	3856.83	129.2
MW-1	04/23/25		3982.09	125.49	--	--	3856.6	129.2
MW-1	06/09/25		3982.09	125.55	--	--	3856.54	129.15
MW-1	09/22/25		3982.09	125.6	--	--	3856.49	129
MW-1	10/27/25		3982.09	125.54	--	--	3856.55	129.05
MW-2	01/28/21		3981.21	122.38	--	--	3858.83	--
MW-2	02/25/21		3981.21	122.44	--	--	3858.77	127.65
MW-2	03/24/21		3981.21	122.43	--	--	3858.78	--
MW-2	04/30/21		3981.21	122.45	--	--	3858.76	--
MW-2	05/11/21		3981.21	122.46	--	--	3858.75	--
MW-2	06/28/21		3981.21	122.41	--	--	3858.8	--
MW-2	07/27/21		3981.21	122.35	--	--	3858.86	--
MW-2	08/24/21		3981.21	122.35	--	--	3858.86	--

Table 1

Summary of Groundwater Gauging and Elevation Data (Last 5 Years)
Plains All American Pipeline, L.P.
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-2	09/30/21		3981.21	122.49	--	--	3858.72	127.65
MW-2	10/28/21		3981.21	122.54	--	--	3858.67	127.65
MW-2	11/16/21		3981.21	122.54	--	--	3858.67	127.65
MW-2	02/01/22		3981.21	122.86	--	--	3858.35	127.65
MW-2	02/22/22		3981.21	122.95	--	--	3858.26	127.65
MW-2	03/16/22		3981.21	123.02	--	--	3858.19	127.65
MW-2	04/11/22		3981.21	123.12	--	--	3858.09	127.65
MW-2	05/24/22		3981.21	123.21	--	--	3858	127.65
MW-2	06/15/22		3981.21	123.35	--	--	3857.86	127.65
MW-2	07/28/22		3981.21	123.37	--	--	3857.84	127.65
MW-2	08/24/22		3981.21	123.52	--	--	3857.69	127.65
MW-2	11/02/22		3981.21	123.66	--	--	3857.55	127.65
MW-2	02/17/23		3981.21	123.93	--	--	3857.28	128.1
MW-2	05/09/23		3981.21	124.05	--	--	3857.16	128.1
MW-2	08/08/23		3981.21	123.95	--	--	3857.26	128.1
MW-2	11/16/23		3981.21	125.06	--	--	3856.15	--
MW-2	02/26/24		3981.21	123.99	--	--	3857.22	128.1
MW-2	05/20/24		3981.21	124.11	--	--	3857.1	127.8
MW-2	08/20/24		3981.21	124.59	--	--	3856.62	128.35
MW-2	11/18/24		3981.21	124.35	--	--	3856.86	128.15
MW-2	04/23/25		3981.21	124.58	--	--	3856.63	128.5
MW-2	06/09/25		3981.21	124.7	--	--	3856.51	128.5
MW-2	09/22/25		3981.21	124.7	--	--	3856.51	128.5
MW-2	10/27/25		3981.21	124.68	--	--	3856.53	128.35
MW-3	01/28/21		3982.31	123.63	--	--	3858.68	--
MW-3	02/25/21		3982.31	123.63	--	--	3858.68	131.47
MW-3	03/24/21		3982.31	123.59	--	--	3858.72	--
MW-3	04/30/21		3982.31	123.61	--	--	3858.7	--
MW-3	05/11/21		3982.31	123.66	--	--	3858.65	--
MW-3	06/28/21		3982.31	123.6	--	--	3858.71	--
MW-3	07/27/21		3982.31	123.52	--	--	3858.79	--
MW-3	08/24/21		3982.31	123.51	--	--	3858.8	--
MW-3	09/30/21		3982.31	123.67	--	--	3858.64	131.47
MW-3	10/28/21		3982.31	123.72	--	--	3858.59	131.47
MW-3	11/16/21		3982.31	123.7	--	--	3858.61	131.47
MW-3	02/01/22		3982.31	124.02	--	--	3858.29	131.47
MW-3	02/22/22		3982.31	124.17	--	--	3858.14	131.39
MW-3	03/16/22		3982.31	124.18	--	--	3858.13	131.39
MW-3	04/11/22		3982.31	124.25	--	--	3858.06	131.39
MW-3	05/24/22		3982.31	124.43	--	--	3857.88	131.39
MW-3	06/15/22		3982.31	124.52	--	--	3857.79	131.39
MW-3	07/28/22		3982.31	124.52	--	--	3857.79	131.39
MW-3	08/24/22		3982.31	124.68	--	--	3857.63	131.39
MW-3	11/02/22		3982.31	124.82	--	--	3857.49	131.39
MW-3	02/17/23	LNAPL	3982.31	125.11	125.1	0.01	3857.208	131.52
MW-3	04/24/23		3982.31	125.23	--	--	3857.08	131.52
MW-3	05/09/23		3982.31	125.21	--	--	3857.1	131.52

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Plains All American Pipeline, L.P.
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Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	06/16/23		3982.31	125.05	--	--	3857.26	131.52
MW-3	07/21/23		3982.31	125.09	--	--	3857.22	131.52
MW-3	08/08/23		3982.31	125.09	--	--	3857.22	131.52
MW-3	11/16/23		3982.31	125.18	--	--	3857.13	--
MW-3	02/26/24		3982.31	125.16	--	--	3857.15	131.52
MW-3	05/20/24		3982.31	125.24	--	--	3857.07	131.21
MW-3	08/20/24		3982.31	125.34	--	--	3856.97	131.33
MW-3	11/18/24		3982.31	125.5	--	--	3856.81	131.3
MW-3	04/23/25		3982.31	125.75	--	--	3856.56	131.2
MW-3	06/09/25		3982.31	125.85	--	--	3856.46	131.2
MW-3	09/22/25		3982.31	125.87	--	--	3856.44	131.3
MW-3	10/27/25		3982.31	125.81	--	--	3856.5	131.05
MW-4	01/28/21		3982.48	123.69	--	--	3858.79	--
MW-4	02/25/21		3982.48	123.71	--	--	3858.77	135.71
MW-4	03/24/21		3982.48	123.7	--	--	3858.78	--
MW-4	04/30/21		3982.48	123.7	--	--	3858.78	--
MW-4	05/11/21		3982.48	123.77	--	--	3858.71	--
MW-4	06/28/21		3982.48	123.71	--	--	3858.77	--
MW-4	07/27/21		3982.48	123.64	--	--	3858.84	--
MW-4	08/24/21		3982.48	123.64	--	--	3858.84	--
MW-4	09/30/21		3982.48	123.77	--	--	3858.71	135.71
MW-4	10/28/21		3982.48	123.81	--	--	3858.67	135.71
MW-4	11/16/21		3982.48	123.82	--	--	3858.66	135.71
MW-4	02/01/22		3982.48	124.12	--	--	3858.36	135.71
MW-4	02/22/22		3982.48	124.13	--	--	3858.35	135.6
MW-4	03/16/22		3982.48	124.25	--	--	3858.23	135.6
MW-4	04/11/22		3982.48	124.39	--	--	3858.09	135.6
MW-4	05/24/22		3982.48	124.43	--	--	3858.05	135.6
MW-4	06/15/22		3982.48	124.54	--	--	3857.94	135.6
MW-4	07/28/22		3982.48	124.59	--	--	3857.89	135.6
MW-4	08/24/22		3982.48	124.74	--	--	3857.74	135.6
MW-4	11/02/22		3982.48	124.89	--	--	3857.59	135.6
MW-4	02/17/23		3982.48	125.18	--	--	3857.3	135.29
MW-4	05/09/23		3982.48	125.26	--	--	3857.22	135.29
MW-4	08/08/23		3982.48	125.17	--	--	3857.31	135.29
MW-4	11/16/23		3982.48	124.16	--	--	3858.32	--
MW-4	02/26/24		3982.48	125.24	--	--	3857.24	135.29
MW-4	05/20/24		3982.48	125.34	--	--	3857.14	135.53
MW-4	08/20/24		3982.48	125.44	--	--	3857.04	135.67
MW-4	11/18/24		3982.48	125.6	--	--	3856.88	135.7
MW-4	04/23/25		3982.48	125.86	--	--	3856.62	138
MW-4	06/09/25		3982.48	125.94	--	--	3856.54	136
MW-4	09/22/25		3982.48	126.02	--	--	3856.46	136.1
MW-4	10/27/25		3982.48	125.97	--	--	3856.51	136.1
MW-5	01/28/21		3981.45	122.66	--	--	3858.79	--
MW-5	02/25/21		3981.45	122.75	--	--	3858.7	136.42
MW-5	03/24/21		3981.45	122.69	--	--	3858.76	--

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Plains All American Pipeline, L.P.
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	04/30/21		3981.45	122.72	--	--	3858.73	--
MW-5	05/11/21		3981.45	127.75	--	--	3853.7	--
MW-5	06/28/21		3981.45	122.69	--	--	3858.76	--
MW-5	07/27/21		3981.45	122.6	--	--	3858.85	--
MW-5	08/24/21		3981.45	122.61	--	--	3858.84	--
MW-5	09/30/21		3981.45	122.74	--	--	3858.71	136.42
MW-5	10/28/21		3981.45	122.79	--	--	3858.66	136.42
MW-5	11/16/21		3981.45	122.8	--	--	3858.65	136.42
MW-5	02/01/22		3981.45	123.11	--	--	3858.34	136.42
MW-5	02/22/22		3981.45	123.22	--	--	3858.23	136.31
MW-5	03/16/22		3981.45	123.25	--	--	3858.2	136.31
MW-5	04/11/22		3981.45	123.37	--	--	3858.08	136.31
MW-5	05/24/22		3981.45	123.46	--	--	3857.99	136.31
MW-5	06/15/22		3981.45	123.53	--	--	3857.92	136.31
MW-5	07/28/22		3981.45	123.58	--	--	3857.87	136.31
MW-5	08/24/22		3981.45	123.73	--	--	3857.72	136.31
MW-5	11/02/22		3981.45	123.8	--	--	3857.65	136.31
MW-5	02/17/23		3981.45	124.11	--	--	3857.34	136.41
MW-5	05/09/23		3981.45	124.25	--	--	3857.2	136.41
MW-5	08/08/23		3981.45	124.17	--	--	3857.28	136.41
MW-5	11/16/23		3981.45	123.54	--	--	3857.91	--
MW-5	02/26/24		3981.45	124.27	--	--	3857.18	136.41
MW-5	05/20/24		3981.45	124.32	--	--	3857.13	136.25
MW-5	08/20/24		3981.45	124.42	--	--	3857.03	136.29
MW-5	11/18/24		3981.45	124.61	--	--	3856.84	136.35
MW-5	04/23/25		3981.45	124.87	--	--	3856.58	136.4
MW-5	06/09/25		3981.45	124.93	--	--	3856.52	136.35
MW-5	09/22/25		3981.45	124.97	--	--	3856.48	136.35
MW-5	10/27/25		3981.45	124.98	--	--	3856.47	136.2
MW-6	01/28/21		3982.27	123.56	--	--	3858.71	--
MW-6	02/25/21		3982.27	123.62	--	--	3858.65	139.7
MW-6	03/24/21		3982.27	123.6	--	--	3858.67	--
MW-6	04/30/21		3982.27	123.63	--	--	3858.64	--
MW-6	05/11/21		3982.27	123.66	--	--	3858.61	--
MW-6	06/28/21		3982.27	123.62	--	--	3858.65	--
MW-6	07/27/21		3982.27	123.55	--	--	3858.72	--
MW-6	08/24/21		3982.27	123.56	--	--	3858.71	--
MW-6	09/30/21		3982.27	123.65	--	--	3858.62	139.7
MW-6	10/28/21		3982.27	123.7	--	--	3858.57	139.7
MW-6	11/16/21		3982.27	123.71	--	--	3858.56	139.7
MW-6	02/01/22		3982.27	124.01	--	--	3858.26	139.7
MW-6	02/22/22		3982.27	124.12	--	--	3858.15	139.61
MW-6	03/16/22		3982.27	124.16	--	--	3858.11	139.61
MW-6	04/11/22		3982.27	124.28	--	--	3857.99	139.61
MW-6	05/24/22		3982.27	124.38	--	--	3857.89	139.61
MW-6	06/15/22		3982.27	124.47	--	--	3857.8	139.61
MW-6	07/28/22		3982.27	124.52	--	--	3857.75	139.61

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-6	08/24/22		3982.27	124.67	--	--	3857.6	139.61
MW-6	11/02/22		3982.27	124.82	--	--	3857.45	139.61
MW-6	02/17/23		3982.27	125.05	--	--	3857.22	139.55
MW-6	05/09/23		3982.27	125.2	--	--	3857.07	139.55
MW-6	08/09/23		3982.27	125.14	--	--	3857.13	139.55
MW-6	09/15/23		--	125.17	--	--	--	139.55
MW-6	10/20/23		3982.27	125.13	--	--	3857.14	--
MW-6	11/16/23		3982.27	125.07	--	--	3857.2	--
MW-6	02/26/24		3982.27	125.13	--	--	3857.14	139.55
MW-6	05/20/24		3982.27	125.24	--	--	3857.03	139.45
MW-6	08/19/24		3982.27	125.35	--	--	3856.92	139.35
MW-6	11/18/24		3982.27	125.52	--	--	3856.75	141.14
MW-6	04/23/25		3982.27	125.8	--	--	3856.47	139.16
MW-6	06/09/25		3982.27	125.9	--	--	3856.37	139.1
MW-6	09/22/25		3982.27	125.89	--	--	3856.38	139
MW-6	10/27/25		3982.27	125.84	--	--	3856.43	139
MW-7	01/28/21	LNAPL	3981.71	128.7	122.12	6.58	3858.34	--
MW-7	02/25/21	LNAPL	3981.71	128.58	122.22	6.36	3858.281	133.11
MW-7	03/24/21	LNAPL	3981.71	127.19	122.33	4.86	3858.457	--
MW-7	04/30/21	LNAPL	3981.71	128.65	122.11	6.54	3858.357	--
MW-7	05/11/21	LNAPL	3981.71	128.84	122.13	6.71	3858.305	--
MW-7	06/28/21	LNAPL	3981.71	128.9	122.04	6.86	3858.367	--
MW-7	07/27/21	LNAPL	3981.71	128.67	121.99	6.68	3858.451	--
MW-7	08/24/21	LNAPL	3981.71	128.96	121.95	7.01	3858.428	--
MW-7	09/30/21	LNAPL	3981.71	127.92	122.3	5.62	3858.342	133.11
MW-7	10/28/21	LNAPL	3981.71	127.97	122.35	5.62	3858.292	133.11
MW-7	11/16/21	LNAPL	3981.71	129.15	122.16	6.99	3858.222	133.11
MW-7	02/01/22	LNAPL	3981.71	129.08	122.55	6.53	3857.919	133.11
MW-7	02/22/22	LNAPL	3981.71	129.05	122.67	6.38	3857.828	133.02
MW-7	03/16/22	LNAPL	3981.71	129.33	122.71	6.62	3857.742	133.02
MW-7	04/11/22	LNAPL	3981.71	126.96	123.25	3.71	3857.755	133.02
MW-7	05/24/22	LNAPL	3981.71	126.35	123.54	2.81	3857.636	133.02
MW-7	06/15/22	LNAPL	3981.71	124.99	123.76	1.23	3857.716	133.02
MW-7	07/28/22	LNAPL	3981.71	124.4	123.97	0.43	3857.658	133.02
MW-7	08/24/22	LNAPL	3981.71	124.72	124.1	0.62	3857.492	133.02
MW-7	10/06/22	LNAPL	3981.71	124.39	124.25	0.14	3857.433	133.02
MW-7	10/06/22		3981.71	124.98	--	--	3856.73	133.02
MW-7	11/02/22	LNAPL	3981.71	124.21	124.18	0.03	3857.524	133.02
MW-7	11/02/22		3981.71	125.06	--	--	3856.65	133.02
MW-7	11/30/22	LNAPL	3981.71	124.62	124.51	0.11	3857.179	133.02
MW-7	11/30/22	LNAPL	3981.71	124.57	124.56	0.01	3857.148	133.02
MW-7	01/23/23	LNAPL	3981.71	125.28	124.44	0.84	3857.11	133.02
MW-7	02/17/23	LNAPL	3981.71	125.45	124.6	0.85	3856.948	133.33
MW-7	03/01/23	LNAPL	3981.71	125.61	124.51	1.1	3856.991	133.33
MW-7	04/24/23	LNAPL	3981.71	125.85	124.5	1.35	3856.954	133.33
MW-7	05/09/23	LNAPL	3981.71	126.09	124.38	1.71	3857.005	133.33
MW-7	06/16/23	LNAPL	3981.71	124.65	124.53	0.12	3857.157	133.33

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MW-7	07/21/23	LNAPL	3981.71	124.62	124.5	0.12	3857.187	133.33
MW-7	08/31/23	LNAPL	3981.71	127.59	124.05	3.54	3856.987	--
MW-7	09/15/23	LNAPL	3981.71	128.15	124.4	3.75	3856.597	133.33
MW-7	10/20/23	LNAPL	3981.71	125.2	124.52	0.68	3857.061	--
MW-7	11/16/23	LNAPL	3981.71	126.27	124.31	1.96	3857.028	--
MW-7	02/26/24	LNAPL	3981.71	125.59	124.46	1.13	3857.035	--
MW-7	05/20/24	LNAPL	3981.71	127.57	124.25	3.32	3856.829	132.85
MW-7	08/20/24	LNAPL	3981.71	127.4	124.36	3.04	3854.31	132.93
MW-7	11/18/24	LNAPL	3981.71	129.27	124.39	4.88	3852.44	132.88
MW-7	04/23/25	LNAPL	3981.71	128.85	124.62	4.23	3856.286	132.9
MW-7	06/09/25	LNAPL	3981.71	125.15	124.25	0.9	3856.56	132.88
MW-7	09/22/25	LNAPL	3981.71	126.34	126.32	0.02	3855.386	133
MW-7	10/27/25	LNAPL	3981.71	125.55	125.53	0.02	3856.176	133
MW-8	01/28/21		3981.2	122.57	--	--	3858.63	--
MW-8	02/25/21		3981.2	122.6	--	--	3858.6	136.44
MW-8	03/24/21		3981.2	122.58	--	--	3858.62	--
MW-8	04/30/21		3981.2	122.58	--	--	3858.62	--
MW-8	05/11/21		3981.2	122.63	--	--	3858.57	--
MW-8	06/28/21		3981.2	122.55	--	--	3858.65	--
MW-8	07/27/21		3981.2	122.5	--	--	3858.7	--
MW-8	08/24/21		3981.2	122.5	--	--	3858.7	--
MW-8	09/30/21		3981.2	122.66	--	--	3858.54	136.44
MW-8	10/28/21		3981.2	122.71	--	--	3858.49	136.44
MW-8	11/16/21		3981.2	122.73	--	--	3858.47	136.44
MW-8	02/01/22		3981.2	123.08	--	--	3858.12	136.44
MW-8	02/22/22		3981.2	123.14	--	--	3858.06	136.21
MW-8	03/16/22		3981.2	123.22	--	--	3857.98	136.21
MW-8	04/11/22		3981.2	123.28	--	--	3857.92	136.21
MW-8	05/24/22		3981.2	123.5	--	--	3857.7	136.21
MW-8	06/15/22		3981.2	123.51	--	--	3857.69	136.21
MW-8	07/28/22		3981.2	123.57	--	--	3857.63	136.21
MW-8	08/24/22		3981.2	123.72	--	--	3857.48	136.21
MW-8	11/02/22		3981.2	123.87	--	--	3857.33	136.21
MW-8	01/23/23		3981.2	124.12	--	--	3857.08	136.21
MW-8	02/17/23		3981.2	124.17	--	--	3857.03	136.18
MW-8	03/01/23		3981.2	124.17	--	--	3857.03	136.18
MW-8	04/24/23		3981.2	124.22	--	--	3856.98	136.14
MW-8	05/09/23		3981.2	124.17	--	--	3857.03	136.14
MW-8	06/16/23		3981.2	124.09	--	--	3857.11	136.14
MW-8	07/21/23		3981.2	124.13	--	--	3857.07	136.14
MW-8	08/09/23		3981.2	124.09	--	--	3857.11	136.14
MW-8	09/15/23		3981.2	124.16	--	--	3857.04	136.14
MW-8	10/20/23		3981.2	124.13	--	--	3857.07	--
MW-8	11/16/23		3981.2	124.05	--	--	3857.15	--
MW-8	01/10/24		3981.2	124.16	--	--	3857.04	--
MW-8	02/26/24		3981.2	124.1	--	--	3857.1	136.14
MW-8	05/20/24		3981.2	124.26	--	--	3856.94	136.06

Table 1

Summary of Groundwater Gauging and Elevation Data (Last 5 Years)
Plains All American Pipeline, L.P.
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	08/20/24		3981.2	124.36	--	--	3856.84	136.12
MW-8	11/18/24		3981.2	124.42	--	--	3856.78	141.93
MW-8	04/23/25		3981.2	124.79	--	--	3856.41	142.15
MW-8	06/09/25		3981.2	124.9	--	--	3856.3	136.09
MW-8	09/22/25		3981.2	124.9	--	--	3856.3	136
MW-8	10/27/25		3981.2	124.82	--	--	3856.38	136.05
MW-9	01/28/21		3980.44	121.77	--	--	3858.67	--
MW-9	02/25/21		3980.44	121.88	--	--	3858.56	140.68
MW-9	03/24/21		3980.44	121.74	--	--	3858.7	--
MW-9	04/30/21		3980.44	121.8	--	--	3858.64	--
MW-9	05/11/21		3980.44	121.81	--	--	3858.63	--
MW-9	06/28/21		3980.44	121.73	--	--	3858.71	--
MW-9	07/27/21		3980.44	122.66	--	--	3857.78	--
MW-9	08/24/21		3980.44	121.66	--	--	3858.78	--
MW-9	09/30/21		3980.44	121.85	--	--	3858.58	140.68
MW-9	10/28/21		3980.44	121.9	--	--	3858.54	140.68
MW-9	11/16/21		3980.44	121.92	--	--	3858.52	140.68
MW-9	02/01/22		3980.44	122.27	--	--	3858.17	140.68
MW-9	02/22/22		3980.44	122.41	--	--	3858.03	140.54
MW-9	03/16/22		3980.44	122.41	--	--	3858.03	140.54
MW-9	04/11/22		3980.44	122.5	--	--	3857.93	140.54
MW-9	05/24/22		3980.44	122.68	--	--	3857.76	140.54
MW-9	06/15/22		3980.44	122.78	--	--	3857.65	140.54
MW-9	07/28/22		3980.44	122.76	--	--	3857.68	140.54
MW-9	08/24/22		3980.44	122.94	--	--	3857.5	140.54
MW-9	11/02/22		3980.44	123.08	--	--	3857.36	140.54
MW-9	02/17/23		3980.44	123.35	--	--	3857.09	140.63
MW-9	05/09/23		3980.44	123.48	--	--	3856.96	140.63
MW-9	08/08/23		3980.44	123.3	--	--	3857.14	140.63
MW-9	11/16/23		3980.44	123.21	--	--	3857.23	--
MW-9	02/26/24		3980.44	123.29	--	--	3857.15	140.63
MW-9	05/20/24		3980.44	123.45	--	--	3856.99	140.43
MW-9	08/20/24		3980.44	123.56	--	--	3856.88	140.49
MW-9	11/18/24		3980.44	123.78	--	--	3856.66	140.51
MW-9	04/23/25		3980.44	124.05	--	--	3856.39	140.5
MW-9	06/09/25		3980.44	124.11	--	--	3856.33	141.54
MW-9	09/22/25		3980.44	124.06	--	--	3856.38	140.6
MW-9	10/27/25		3980.44	124.04	--	--	3856.4	140.45
MW-10	01/28/21		3980.06	121.49	--	--	3858.57	--
MW-10	02/25/21		3980.06	121.48	--	--	3858.58	141.3
MW-10	03/24/21		3980.06	121.46	--	--	3858.6	--
MW-10	04/30/21		3980.06	121.5	--	--	3858.56	--
MW-10	05/11/21		3980.06	121.54	--	--	3858.52	--
MW-10	06/28/21		3980.06	121.46	--	--	3858.6	--
MW-10	07/27/21		3980.06	121.37	--	--	3858.69	--
MW-10	08/24/21		3980.06	121.39	--	--	3858.67	--
MW-10	09/30/21		3980.06	121.56	--	--	3858.5	141.3

Table 1

Summary of Groundwater Gauging and Elevation Data (Last 5 Years)
Plains All American Pipeline, L.P.
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	10/28/21		3980.06	121.63	--	--	3858.43	141.3
MW-10	11/16/21		3980.06	121.64	--	--	3858.42	141.3
MW-10	02/01/22		3980.06	122	--	--	3858.06	141.3
MW-10	02/22/22		3980.06	122.1	--	--	3857.96	141.25
MW-10	03/16/22		3980.06	122.13	--	--	3857.93	141.25
MW-10	04/11/22		3980.06	122.22	--	--	3857.84	141.25
MW-10	05/24/22		3980.06	122.42	--	--	3857.64	141.25
MW-10	06/15/22		3980.06	122.48	--	--	3857.58	141.25
MW-10	07/28/22		3980.06	122.51	--	--	3857.55	141.25
MW-10	08/24/22		3980.06	122.67	--	--	3857.39	141.25
MW-10	11/02/22		3980.06	122.46	--	--	3857.6	141.25
MW-10	02/17/23		3980.06	123.1	--	--	3856.96	141.28
MW-10	04/24/23		3980.06	123.18	--	--	3856.88	141.2
MW-10	05/09/23		3980.06	123.17	--	--	3856.89	141.2
MW-10	06/16/23		3980.06	123.03	--	--	3857.03	141.2
MW-10	07/21/23		3980.06	123.04	--	--	3857.02	141.2
MW-10	08/08/23		3980.06	123.05	--	--	3857.01	141.2
MW-10	09/15/23		3980.06	123.11	--	--	3856.95	141.2
MW-10	10/20/23		3980.06	123.09	--	--	3856.97	--
MW-10	11/16/23		3980.06	122.94	--	--	3857.12	--
MW-10	02/26/24		3980.06	123.01	--	--	3857.05	141.2
MW-10	05/20/24		3980.06	123.16	--	--	3856.9	141.14
MW-10	08/20/24		3980.06	123.25	--	--	3856.81	141.11
MW-10	11/18/24		3980.06	123.45	--	--	3856.61	141.43
MW-10	04/23/25		3980.06	123.7	--	--	3856.36	142.7
MW-10	06/09/25		3980.06	124.8	--	--	3855.26	140.95
MW-10	09/22/25		3980.06	123.76	--	--	3856.3	140.95
MW-10	10/27/25		3980.06	123.75	--	--	3856.31	140.9
MW-11	01/28/21		3981.92	123.23	--	--	3858.69	--
MW-11	02/25/21		3981.92	123.25	--	--	3858.67	141.7
MW-11	03/24/21		3981.92	123.23	--	--	3858.69	--
MW-11	04/30/21		3981.92	123.24	--	--	3858.68	--
MW-11	05/11/21		3981.92	123.31	--	--	3858.61	--
MW-11	06/28/21		3981.92	123.24	--	--	3858.68	--
MW-11	07/27/21		3981.92	123.17	--	--	3858.75	--
MW-11	08/24/21		3981.92	123.18	--	--	3858.74	--
MW-11	09/30/21		3981.92	123.3	--	--	3858.62	141.7
MW-11	10/28/21		3981.92	123.37	--	--	3858.55	141.7
MW-11	11/16/21		3981.92	123.36	--	--	3858.56	141.7
MW-11	02/01/22		3981.92	123.71	--	--	3858.21	141.7
MW-11	02/22/22		3981.92	123.79	--	--	3858.13	141.69
MW-11	03/16/22		3981.92	123.81	--	--	3858.11	141.69
MW-11	04/11/22		3981.92	123.88	--	--	3858.04	141.69
MW-11	05/24/22		3981.92	124.1	--	--	3857.82	141.69
MW-11	05/24/22		3981.92	124.16	--	--	3857.76	141.69
MW-11	06/15/22		3981.92	124.12	--	--	3857.8	141.69
MW-11	08/24/22		3981.92	124.31	--	--	3857.61	141.69

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Plains All American Pipeline, L.P.
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NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-11	11/02/22		3981.92	124.46	--	--	3857.46	141.69
MW-11	01/23/23		3981.92	124.71	--	--	3857.21	141.69
MW-11	02/17/23		3981.92	124.73	--	--	3857.19	141.83
MW-11	03/01/23		3981.92	124.77	--	--	3857.15	141.83
MW-11	04/24/23		3981.92	124.85	--	--	3857.07	141.62
MW-11	05/09/23		3981.92	124.8	--	--	3857.12	141.62
MW-11	06/16/23		3981.92	124.71	--	--	3857.21	141.62
MW-11	07/21/23		3981.92	124.77	--	--	3857.15	141.62
MW-11	08/09/23		3981.92	124.71	--	--	3857.21	141.62
MW-11	09/15/23		3981.92	124.81	--	--	3857.11	141.62
MW-11	10/20/23		3981.92	124.78	--	--	3857.14	--
MW-11	11/16/23		3981.92	124.69	--	--	3857.23	--
MW-11	02/26/24		3981.92	124.74	--	--	3857.18	141.62
MW-11	05/20/24		3981.92	124.9	--	--	3857.02	141.54
MW-11	08/20/24		3981.92	124.98	--	--	3856.94	141.65
MW-11	11/18/24		3981.92	125.15	--	--	3856.77	146.52
MW-11	04/23/25		3981.92	125.42	--	--	3856.5	141.6
MW-11	06/09/25		3981.92	126.48	--	--	3855.44	141.65
MW-11	09/22/25		3981.92	125.56	--	--	3856.36	141.65
MW-11	10/27/25		3981.92	125.5	--	--	3856.42	141.6
MW-12	01/28/21	LNAPL	3982.15	123.9	123.4	0.5	3858.655	--
MW-12	02/25/21	LNAPL	3982.15	123.88	123.38	0.5	3858.675	142.01
MW-12	03/24/21	LNAPL	3982.15	123.98	123.37	0.61	3858.664	--
MW-12	04/30/21	LNAPL	3982.15	124.19	123.37	0.82	3858.624	--
MW-12	05/11/21	LNAPL	3982.15	124.28	123.42	0.86	3858.567	--
MW-12	06/28/21	LNAPL	3982.15	124.36	123.31	1.05	3858.64	--
MW-12	07/27/21	LNAPL	3982.15	124.38	123.21	1.17	3858.718	--
MW-12	08/24/21	LNAPL	3982.15	124.53	123.21	1.32	3858.689	--
MW-12	09/30/21	LNAPL	3982.15	124.35	123.43	0.92	3858.545	142.01
MW-12	10/28/21	LNAPL	3982.15	124.4	123.48	0.92	3858.495	142.01
MW-12	11/16/21	LNAPL	3982.15	124.61	123.4	1.21	3858.52	142.01
MW-12	02/01/22	LNAPL	3982.15	124.53	123.8	0.73	3858.211	142.01
MW-12	02/22/22	LNAPL	3982.15	124.7	123.93	0.77	3858.074	142.18
MW-12	03/16/22	LNAPL	3982.15	124.75	123.96	0.79	3858.04	142.18
MW-12	04/11/22	LNAPL	3982.15	124.9	124.08	0.82	3857.914	142.18
MW-12	05/24/22	LNAPL	3982.15	125.1	124.22	0.88	3857.763	142.18
MW-12	06/15/22	LNAPL	3982.15	124.87	124.25	0.62	3857.782	142.18
MW-12	07/25/22	LNAPL	3982.15	124.95	124.33	0.62	3857.702	142.18
MW-12	08/24/22	LNAPL	3982.15	125.13	124.47	0.66	3857.555	142.18
MW-12	10/06/22	LNAPL	3982.15	125.23	124.25	0.98	3857.714	142.18
MW-12	10/06/22	LNAPL	3982.15	124.69	124.68	0.01	3857.468	142.18
MW-12	11/02/22	LNAPL	3982.15	124.79	124.66	0.13	3857.465	142.18
MW-12	11/02/22	LNAPL	3982.15	124.78	124.76	0.02	3857.386	142.18
MW-12	11/30/22	LNAPL	3982.15	124.86	124.77	0.09	3857.363	142.18
MW-12	11/30/22	LNAPL	3982.15	124.74	124.73	0.01	3857.418	142.18
MW-12	01/23/23	LNAPL	3982.15	124.98	124.95	0.03	3857.194	142.18
MW-12	02/17/23	LNAPL	3982.15	124.94	124.92	0.02	3857.226	142.27

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Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-12	03/01/23		3982.15	125.03	--	--	3857.12	142.27
MW-12	04/24/23		3982.15	125.08	--	--	3857.07	142.2
MW-12	05/09/23	LNAPL	3982.15	125.05	125	0.05	3857.14	142.2
MW-12	06/16/23	LNAPL	3982.15	124.94	124.92	0.02	3857.226	142.2
MW-12	07/21/23	LNAPL	3982.15	124.93	124.92	0.01	3857.228	142.2
MW-12	08/31/23		3982.15	125	--	--	3857.15	--
MW-12	09/15/23	LNAPL	3982.15	125.05	125.04	0.01	3857.108	142.2
MW-12	10/20/23	LNAPL	3982.15	125.04	125.03	0.01	3857.118	--
MW-12	11/16/23	LNAPL	3982.15	125	124.98	0.02	3857.166	--
MW-12	02/26/24	LNAPL	3982.15	125.04	125.03	0.01	3857.118	--
MW-12	05/20/24		3982.15	125.13	--	--	3857.02	142.16
MW-12	08/20/24		3982.15	125.21	--	--	3856.94	142.2
MW-12	11/18/24		3982.15	125.41	--	--	3856.74	142.18
MW-12	04/23/25		3982.15	125.66	--	--	3856.49	142.2
MW-12	06/09/25		3982.15	125.8	--	--	3856.35	142.8
MW-12	09/22/25		3982.15	125.74	--	--	3856.41	142.18
MW-12	10/27/25		3982.15	125.73	--	--	3856.42	143.25
MW-13	01/28/21		3980.82	122.05	--	--	3858.77	--
MW-13	02/25/21		3980.82	122.11	--	--	3858.71	141.42
MW-13	03/24/21		3980.82	122.06	--	--	3858.76	--
MW-13	04/30/21		3980.82	122.1	--	--	3858.72	--
MW-13	05/11/21		3980.82	122.13	--	--	3858.69	--
MW-13	06/28/21		3980.82	122.27	--	--	3858.55	--
MW-13	07/27/21		3980.82	121.97	--	--	3858.85	--
MW-13	08/24/21		3980.82	121.88	--	--	3858.94	--
MW-13	09/30/21		3980.82	122.37	--	--	3858.45	141.42
MW-13	10/28/21		3980.82	122.4	--	--	3858.42	141.42
MW-13	11/16/21		3980.82	122.48	--	--	3858.34	141.42
MW-13	02/01/22		3980.82	122.54	--	--	3858.28	141.42
MW-13	02/22/22		3980.82	122.64	--	--	3858.18	141.26
MW-13	03/16/22		3980.82	122.67	--	--	3858.15	141.26
MW-13	04/11/22		3980.82	122.82	--	--	3858	141.26
MW-13	05/24/22		3980.82	122.86	--	--	3857.96	141.26
MW-13	06/15/22		3980.82	123	--	--	3857.82	141.26
MW-13	07/28/22		3980.82	123.05	--	--	3857.77	141.26
MW-13	08/24/22		3980.82	123.19	--	--	3857.63	141.26
MW-13	11/02/22		3980.82	123.34	--	--	3857.48	141.26
MW-13	02/17/23		3980.82	123.63	--	--	3857.19	141.37
MW-13	05/09/23		3980.82	123.67	--	--	3857.15	141.37
MW-13	08/08/23		3980.82	123.59	--	--	3857.23	141.37
MW-13	11/16/23		3980.82	124.08	--	--	3856.74	--
MW-13	02/26/24		3980.82	123.64	--	--	3857.18	141.37
MW-13	05/20/24		3980.82	123.74	--	--	3857.08	141.2
MW-13	08/20/24		3980.82	123.83	--	--	3856.99	141.26
MW-13	11/18/24		3980.82	124.03	--	--	3856.79	141.3
MW-13	04/23/25		3980.82	124.28	--	--	3856.54	141.35
MW-13	06/09/25		3980.82	124.36	--	--	3856.46	141.2

Table 1

Summary of Groundwater Gauging and Elevation Data (Last 5 Years)
Plains All American Pipeline, L.P.
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	09/22/25		3980.82	124.35	--	--	3856.47	141.4
MW-13	10/27/25		3980.82	124.31	--	--	3856.51	141.15
MW-14	01/28/21		3981.35	122.65	--	--	3858.7	--
MW-14	02/25/21		3981.35	122.67	--	--	3858.68	141.41
MW-14	03/24/21		3981.35	122.61	--	--	3858.74	--
MW-14	04/30/21		3981.35	122.64	--	--	3858.71	--
MW-14	05/11/21		3981.35	122.67	--	--	3858.68	--
MW-14	06/28/21		3981.35	122.62	--	--	3858.73	--
MW-14	07/27/21		3981.35	122.55	--	--	3858.8	--
MW-14	08/24/21		3981.35	122.57	--	--	3858.78	--
MW-14	09/30/21		3981.35	122.68	--	--	3858.67	141.41
MW-14	10/28/21		3981.35	122.74	--	--	3858.61	141.41
MW-14	11/16/21		3981.35	122.76	--	--	3858.59	141.41
MW-14	02/01/22		3981.35	123.07	--	--	3858.28	141.41
MW-14	02/22/22		3981.35	123.15	--	--	3858.2	141.41
MW-14	03/16/22		3981.35	123.18	--	--	3858.17	141.41
MW-14	04/11/22		3981.35	123.32	--	--	3858.03	141.41
MW-14	05/24/22		3981.35	123.36	--	--	3857.99	141.41
MW-14	06/15/22		3981.35	123.48	--	--	3857.87	141.41
MW-14	07/28/22		3981.35	123.48	--	--	3857.87	141.41
MW-14	08/24/22		3981.35	123.67	--	--	3857.68	141.41
MW-14	11/02/22		3981.35	123.82	--	--	3857.53	141.41
MW-14	02/17/23		3981.35	124.12	--	--	3857.23	141.5
MW-14	05/09/23		3981.35	124.15	--	--	3857.2	141.5
MW-14	08/08/23		3981.35	124.12	--	--	3857.23	141.5
MW-14	11/16/23		3981.35	124.08	--	--	3857.27	--
MW-14	02/26/24		3981.35	124.16	--	--	3857.19	141.5
MW-14	05/20/24		3981.35	124.26	--	--	3857.09	141.33
MW-14	08/20/24		3981.35	124.35	--	--	3857	141.4
MW-14	11/18/24		3981.35	124.54	--	--	3856.81	141.5
MW-14	04/23/25		3981.35	124.81	--	--	3856.54	141.5
MW-14	06/09/25		3981.35	124.85	--	--	3856.5	141.45
MW-14	09/22/25		3981.35	124.89	--	--	3856.46	141.9
MW-14	10/27/25		3981.35	124.97	--	--	3856.38	141.5

Notes:
1. All dates are in the format: MM/DD/YY
2. --: No gauging data collected on corresponding date
3. LNAPL: Light Non-Aqueous Phase Liquids
4. Elevations of the potentiometric surface were calculated using a LNAPL specific gravity of 0.84 gram/cubic centimeter (g/cc)

Table 2

Summary of Groundwater Analytical Results (Last 5 Years)
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-1	02/25/21	DUP		**0.00522**	**0.0156**	**0.00656**	**0.0105**
MW-1	02/25/21			**0.00618**	**0.018**	**0.00752**	**0.0119**
MW-1	05/12/21			**0.038**	**0.0152**	**0.00876**	**0.0146**
MW-1	08/25/21	DUP		**0.0143**	**0.0452**	**0.0176**	**0.0326**
MW-1	08/25/21			**0.0137**	**0.0417**	**0.0164**	**0.0312**
MW-1	11/16/21			**0.092**	**0.283**	**0.11**	**0.132**
MW-1	02/22/22			**0.00796**	**0.0171**	**0.00659**	**0.0142**
MW-1	05/25/22			**0.0198**	**0.0812**	**0.0285**	**0.0511**
MW-1	09/13/22			**0.0458**	**0.0675**	**0.026**	**0.0532**
MW-1	11/03/22			**0.0683**	**0.15**	**0.0619**	**0.0908**
MW-1	02/17/23			**0.00734**	**0.0233**	**0.00765**	**0.0317**
MW-1	05/09/23			**0.0163**	**0.0666**	**0.0299**	**0.0643**
MW-1	08/08/23			**0.0177**	**0.0349**	**0.012**	**0.0252**
MW-1	11/16/23			**0.0351**	**0.0349**	**0.00856**	**0.0324**
MW-1	02/29/24			**0.00536**	**0.00431**	**0.00105**	**0.00379**
MW-1	05/20/24			**0.0059**	**0.019**	**0.0062**	**0.007**
MW-1	08/20/24			<0.001	**0.0035**	**0.002**	**0.0054**
MW-1	11/18/24			**0.0028**	**0.0096**	**0.0058**	**0.01**
MW-1	04/23/25			<0.002	**0.0025**	<0.002	**0.0068**
MW-1	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-1	09/22/25			**0.0026**	**0.0079**	**0.004**	**0.012**
MW-1	10/27/25			**0.012**	**0.015**	**0.01**	**0.02**
MW-2	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	05/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	08/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	11/16/21			**0.000123 J**	<0.000278	<0.000137	<0.000174
MW-2	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-2	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	05/09/23			**0.000288 J**	<0.001	<0.0005	<0.0015
MW-2	08/08/23			**0.00104 B**	<0.001	<0.0005	<0.0015
MW-2	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-2	02/27/24			<0.0005	<0.001	<0.0005	<0.0015
MW-2	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-2	08/19/24			<0.001	<0.001	<0.001	<0.003
MW-2	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-2	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-2	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-2	09/22/25			<0.001	<0.002	<0.002	<0.006
MW-2	10/27/25			<0.001	<0.002	<0.002	<0.006
MW-3	02/25/21			**0.000353 J**	<0.000412	<0.00016	<0.00051
MW-3	05/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-3	08/25/21			**0.000861**	<0.000412	<0.00016	<0.00051
MW-3	11/16/21			**0.000253 J**	<0.000278	<0.000137	<0.000174
MW-3	02/22/22	DUP		**0.000388 J**	**0.00175**	**0.000415 J**	**0.00304**
MW-3	02/22/22			**0.000335 J**	<0.000412	<0.00016	<0.00051
MW-3	05/25/22			**0.000539 J**	<0.000998	<0.000462	<0.00132
MW-3	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-3	11/03/22			**0.007**	<0.000412	<0.00016	<0.00051

Table 2

Summary of Groundwater Analytical Results (Last 5 Years)
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-3	02/17/23			**0.000617**	<0.000412	<0.00016	<0.00051
MW-3	05/09/23			**0.00177**	<0.001	<0.0005	<0.0015
MW-3	08/08/23			**0.00239 B**	<0.001	<0.0005	<0.0015
MW-3	11/16/23			**0.00254**	<0.001	<0.0005	<0.0015
MW-3	02/27/24			<0.0005	<0.001	<0.0005	<0.0015
MW-3	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-3	08/19/24			<0.001	<0.001	<0.001	<0.003
MW-3	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-3	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-3	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-3	09/22/25			<0.001	<0.002	<0.002	<0.006
MW-3	10/27/25			<0.001	<0.002	<0.002	<0.006
MW-4	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	05/12/21			<0.00019	<0.000412	**0.00033 J**	<0.00051
MW-4	08/24/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	11/16/21			<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-4	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	05/09/23			<0.0005	<0.001	<0.0005	<0.0015
MW-4	08/08/23			<0.0005	<0.001	<0.0005	<0.0015
MW-4	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-4	02/27/24			<0.0005	<0.001	<0.0005	<0.0015
MW-4	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-4	08/20/24			<0.001	<0.001	<0.001	<0.003
MW-4	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-4	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-4	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-4	09/22/25			**0.0018**	<0.002	<0.002	<0.006
MW-4	10/27/25			<0.001	<0.002	<0.002	<0.006
MW-5	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	05/12/21			<0.00019	<0.000412	**0.000247 J**	<0.00051
MW-5	08/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	11/16/21			<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-5	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	05/09/23			<0.0005	<0.001	<0.0005	<0.0015
MW-5	08/08/23			**0.00111 B**	**0.00153 B**	**0.00061 B**	**0.0021 B**
MW-5	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-5	02/27/24			<0.0005	<0.001	<0.0005	<0.0015
MW-5	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-5	08/19/24			<0.001	<0.001	<0.001	<0.003
MW-5	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-5	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-5	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-5	09/22/25			<0.001	<0.002	<0.002	<0.006

Table 2

Summary of Groundwater Analytical Results (Last 5 Years)
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-5	10/28/25			<0.001	<0.002	<0.002	<0.006
MW-6	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	05/12/21			<0.00019	<0.000412	**0.000477 J**	<0.00051
MW-6	08/25/21			**0.000344 J**	<0.000412	<0.00016	<0.00051
MW-6	11/16/21			**0.000246 J**	<0.000278	<0.000137	**0.000208 J**
MW-6	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-6	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	02/17/23	DUP		<0.00019	**0.000481 J**	<0.00016	<0.00051
MW-6	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	05/09/23			<0.0005	<0.001	<0.0005	<0.0015
MW-6	08/09/23			**0.0243**	**0.0103**	**0.0019 B**	**0.0159**
MW-6	11/16/23	DUP		<0.0005	<0.001	<0.0005	<0.0015
MW-6	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-6	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-6	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-6	08/19/24			<0.001	<0.001	<0.001	<0.003
MW-6	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-6	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-6	06/10/25			<0.002	<0.002	<0.002	<0.006
MW-6	09/23/25			<0.001	<0.002	<0.002	<0.006
MW-6	10/27/25			<0.001	<0.002	<0.002	<0.006
MW-7	01/28/21		LNAPL	-	-	-	-
MW-7	02/25/21		LNAPL	-	-	-	-
MW-7	03/24/21		LNAPL	-	-	-	-
MW-7	04/30/21		LNAPL	-	-	-	-
MW-7	05/11/21		LNAPL	-	-	-	-
MW-7	06/28/21		LNAPL	-	-	-	-
MW-7	07/27/21		LNAPL	-	-	-	-
MW-7	08/24/21		LNAPL	-	-	-	-
MW-7	09/30/21		LNAPL	-	-	-	-
MW-7	10/28/21		LNAPL	-	-	-	-
MW-7	11/16/21		LNAPL	-	-	-	-
MW-7	02/01/22		LNAPL	-	-	-	-
MW-7	02/22/22		LNAPL	-	-	-	-
MW-7	03/16/22		LNAPL	-	-	-	-
MW-7	04/11/22		LNAPL	-	-	-	-
MW-7	05/24/22		LNAPL	-	-	-	-
MW-7	06/15/22		LNAPL	-	-	-	-
MW-7	07/28/22		LNAPL	-	-	-	-
MW-7	08/24/22		LNAPL	-	-	-	-
MW-7	10/06/22		LNAPL	-	-	-	-
MW-7	11/02/22		LNAPL	-	-	-	-
MW-7	11/30/22		LNAPL	-	-	-	-
MW-7	01/23/23		LNAPL	-	-	-	-
MW-7	02/17/23		LNAPL	-	-	-	-
MW-7	03/01/23		LNAPL	-	-	-	-
MW-7	04/24/23		LNAPL	-	-	-	-
MW-7	05/09/23		LNAPL	-	-	-	-
MW-7	06/16/23		LNAPL	-	-	-	-

Table 2

Summary of Groundwater Analytical Results (Last 5 Years)
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-7	07/21/23		LNAPL	-	-	-	-
MW-7	08/31/23		LNAPL	-	-	-	-
MW-7	09/15/23		LNAPL	-	-	-	-
MW-7	10/20/23		LNAPL	-	-	-	-
MW-7	11/16/23		LNAPL	-	-	-	-
MW-7	02/26/24		LNAPL	-	-	-	-
MW-7	05/20/24		LNAPL	-	-	-	-
MW-7	08/20/24		LNAPL	-	-	-	-
MW-7	11/18/24		LNAPL	-	-	-	-
MW-7	04/23/25		LNAPL	-	-	-	-
MW-7	06/09/25		LNAPL	-	-	-	-
MW-7	09/22/25		LNAPL	-	-	-	-
MW-7	10/27/25		LNAPL	-	-	-	-
MW-8	02/25/21			**2.63**	**1.07**	**0.103**	**0.481**
MW-8	05/12/21	DUP		**2.09**	**0.192**	**0.0396**	**0.179**
MW-8	05/12/21			**1.78**	**0.24**	**0.0417**	**0.204**
MW-8	08/24/21			**2.63**	**1.3**	**0.0945**	**0.668**
MW-8	11/16/21			**1.61**	**0.403**	**0.0499**	**0.24**
MW-8	02/22/22			**1.56**	**0.149**	**0.0237**	**0.119**
MW-8	05/25/22			**2**	**0.368**	**0.035**	**0.224**
MW-8	09/13/22			**2.14**	**0.47**	**0.0322**	**0.217**
MW-8	11/03/22	DUP		**1.44**	**0.11**	**0.0276**	**0.132**
MW-8	11/03/22			**1.19**	**0.0615**	**0.0222**	**0.106**
MW-8	02/17/23			**1.92**	**1.91**	**0.0362**	**0.354**
MW-8	05/09/23	DUP		**2.08**	**0.997**	**0.0621**	**0.586**
MW-8	05/09/23			**2.41**	**1.19**	**0.0716**	**0.68**
MW-8	08/09/23			**3.68**	**0.62**	**0.0542**	**0.394**
MW-8	11/16/23			**2.88**	**0.311**	**0.0649**	**0.492**
MW-8	02/29/24	DUP		**3.03**	**0.657**	**0.0594**	**0.444**
MW-8	02/29/24			**2.48**	**0.547**	**0.048**	**0.516**
MW-8	05/20/24	DUP		**1.1**	**0.28**	**0.021**	**0.26**
MW-8	05/20/24			**1.2**	**0.33**	**0.024**	**0.3**
MW-8	08/19/24	DUP		**0.38**	**0.18**	**0.0088**	**0.094**
MW-8	08/19/24			**0.53**	**0.14**	**0.008**	**0.089**
MW-8	11/19/24	DUP		**0.066**	**0.02**	**0.0023**	**0.018**
MW-8	11/19/24			**0.062**	**0.018**	**0.0021**	**0.016**
MW-8	04/23/25	DUP		**0.16**	**0.074**	<0.002	**0.037**
MW-8	04/23/25			**0.16**	**0.072**	<0.002	**0.035**
MW-8	06/09/25	DUP		**0.25**	**0.045**	**0.028**	**0.091**
MW-8	06/09/25			**0.26**	**0.045**	**0.028**	**0.093**
MW-8	09/22/25	DUP		**0.57**	**0.25**	<0.02	**0.19**
MW-8	09/22/25			**0.6**	**0.25**	**0.018**	**0.2**
MW-8	10/28/25	DUP		**1.3**	**0.6**	<0.05	**0.36**
MW-8	10/28/25			**2.3**	<0.1	<0.1	<0.3
MW-9	02/25/21			**0.00301**	<0.000412	<0.00016	<0.00051
MW-9	05/12/21			**0.00229**	**0.000458 J**	<0.00016	<0.00051
MW-9	08/25/21			**0.00351**	<0.000412	<0.00016	<0.00051
MW-9	11/16/21			**0.00343**	<0.000278	**0.000146 J**	**0.000422 J**
MW-9	02/22/22			**0.00144**	**0.000453 J**	<0.00016	<0.00051
MW-9	05/25/22			**0.00176 J**	<0.000998	<0.000462	<0.00132
MW-9	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051

Table 2

Summary of Groundwater Analytical Results (Last 5 Years)
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-9	11/03/22			**0.00459**	<0.000412	<0.00016	<0.00051
MW-9	02/17/23			**0.000624**	<0.000412	<0.00016	<0.00051
MW-9	05/09/23			**0.000435 J**	<0.001	<0.0005	<0.0015
MW-9	08/08/23			**0.00184 B**	<0.001	<0.0005	<0.0015
MW-9	11/16/23			**0.00174**	<0.001	<0.0005	<0.0015
MW-9	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-9	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-9	08/20/24			<0.001	<0.001	<0.001	<0.003
MW-9	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-9	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-9	06/10/25			<0.002	<0.002	<0.002	<0.006
MW-9	09/22/25			**0.0011**	<0.002	<0.002	<0.006
MW-9	10/27/25			<0.001	<0.002	<0.002	<0.006
MW-10	02/25/21			**0.000851**	<0.000412	<0.00016	<0.00051
MW-10	05/12/21			**0.000823**	**0.000467 J**	<0.00016	<0.00051
MW-10	08/25/21			**0.000584**	<0.000412	<0.00016	<0.00051
MW-10	11/16/21			**0.00402**	<0.000278	<0.000137	<0.000174
MW-10	02/22/22			**0.00162**	**0.00048 J**	<0.00016	<0.00051
MW-10	05/25/22			**0.00207**	<0.000998	<0.000462	<0.00132
MW-10	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	02/17/23			**0.000909**	<0.000412	<0.00016	<0.00051
MW-10	05/09/23			**0.000506**	<0.001	<0.0005	<0.0015
MW-10	08/08/23			**0.000912 B**	<0.001	<0.0005	<0.0015
MW-10	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-10	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-10	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-10	08/20/24			**0.0029**	<0.001	<0.001	<0.003
MW-10	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-10	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-10	06/10/25			<0.002	<0.002	<0.002	<0.006
MW-10	09/22/25			<0.001	<0.002	<0.002	<0.006
MW-10	10/28/25			<0.001	<0.002	<0.002	<0.006
MW-11	02/25/21			**0.0429**	**0.000905 J**	**0.00459**	**0.00545**
MW-11	05/12/21			**0.0144**	<0.000412	**0.00339**	**0.00148 J**
MW-11	08/25/21			**0.00644**	<0.000412	<0.00016	<0.00051
MW-11	11/16/21	DUP		**0.231**	**0.00804**	**0.00637**	**0.0343**
MW-11	11/16/21			**0.238**	**0.00813**	**0.00645**	**0.0342**
MW-11	02/22/22			**0.0127**	<0.000412	**0.000191 J**	**0.000667 J**
MW-11	05/25/22			**0.0316**	<0.000998	<0.000462	**0.00288 J**
MW-11	09/13/22			**0.0057**	<0.000412	<0.00016	<0.00051
MW-11	11/03/22			**0.0146**	<0.000412	<0.00016	<0.00051
MW-11	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-11	05/09/23			**0.0158**	<0.001	<0.0005	<0.0015
MW-11	08/09/23			**0.104**	**0.00167 B**	**0.00109 B**	**0.00283 B**
MW-11	11/16/23			**0.0107**	<0.001	<0.0005	<0.0015
MW-11	02/29/24	DUP		<0.0005	<0.001	<0.0005	<0.0015
MW-11	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-11	05/21/24	DUP		**0.0095**	<0.001	<0.001	<0.003
MW-11	05/21/24			**0.0084**	<0.001	<0.001	<0.003
MW-11	08/20/24	DUP		**0.0041**	<0.001	<0.001	<0.003

Table 2

Summary of Groundwater Analytical Results (Last 5 Years)
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-11	08/20/24			**0.0054**	<0.001	<0.001	<0.003
MW-11	11/19/24	DUP		**0.018**	<0.001	<0.001	**0.0045**
MW-11	11/19/24			**0.017**	<0.001	<0.001	**0.0045**
MW-11	04/23/25			**0.0029**	<0.002	<0.002	<0.003
MW-11	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-11	09/23/25			**0.021**	<0.002	<0.002	<0.006
MW-11	10/27/25			**0.0045**	<0.002	<0.002	<0.006
MW-12	01/28/21		LNAPL	-	-	-	-
MW-12	02/25/21		LNAPL	-	-	-	-
MW-12	03/24/21		LNAPL	-	-	-	-
MW-12	04/30/21		LNAPL	-	-	-	-
MW-12	05/11/21		LNAPL	-	-	-	-
MW-12	06/28/21		LNAPL	-	-	-	-
MW-12	07/27/21		LNAPL	-	-	-	-
MW-12	08/24/21		LNAPL	-	-	-	-
MW-12	09/30/21		LNAPL	-	-	-	-
MW-12	10/28/21		LNAPL	-	-	-	-
MW-12	11/16/21		LNAPL	-	-	-	-
MW-12	02/01/22		LNAPL	-	-	-	-
MW-12	02/22/22		LNAPL	-	-	-	-
MW-12	03/16/22		LNAPL	-	-	-	-
MW-12	04/11/22		LNAPL	-	-	-	-
MW-12	05/24/22		LNAPL	-	-	-	-
MW-12	06/15/22		LNAPL	-	-	-	-
MW-12	07/25/22		LNAPL	-	-	-	-
MW-12	08/24/22		LNAPL	-	-	-	-
MW-12	10/06/22		LNAPL	-	-	-	-
MW-12	11/02/22		LNAPL	-	-	-	-
MW-12	11/30/22		LNAPL	-	-	-	-
MW-12	01/23/23		LNAPL	-	-	-	-
MW-12	02/17/23		LNAPL	-	-	-	-
MW-12	05/09/23		LNAPL	-	-	-	-
MW-12	06/16/23		LNAPL	-	-	-	-
MW-12	07/21/23		LNAPL	-	-	-	-
MW-12	09/15/23		LNAPL	-	-	-	-
MW-12	10/20/23		LNAPL	-	-	-	-
MW-12	11/16/23		LNAPL	-	-	-	-
MW-12	02/26/24		LNAPL	-	-	-	-
MW-12	05/21/24			**0.19**	**0.066**	**0.016**	**0.039**
MW-12	11/19/24			**0.46**	**0.052**	**0.015**	**0.055**
MW-12	04/25/25			**0.35**	**0.06**	**0.014**	**0.034**
MW-12	06/10/25			**0.48**	**0.065**	**0.046**	**0.048**
MW-12	09/22/25			**0.71**	**0.36**	**0.064**	**0.079**
MW-12	10/27/25			**0.51**	**0.25**	**0.097**	**0.14**
MW-13	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	05/12/21			<0.00019	<0.000412	**0.000161 J**	<0.00051
MW-13	08/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	11/16/21			<0.0000941	<0.000278	<0.000137	<0.000174
MW-13	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-13	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051

Table 2

Summary of Groundwater Analytical Results (Last 5 Years)
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-13	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	05/09/23			<0.0005	<0.001	<0.0005	<0.0015
MW-13	08/08/23			<0.0005	<0.001	<0.0005	<0.0015
MW-13	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-13	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-13	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-13	08/20/24			<0.001	<0.001	<0.001	<0.003
MW-13	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-13	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-13	06/10/25			<0.002	<0.002	<0.002	<0.006
MW-13	09/23/25			<0.001	<0.002	<0.002	<0.006
MW-13	10/28/25			<0.001	<0.002	<0.002	<0.006
MW-14	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	05/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	08/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	11/16/21			<0.0000941	<0.000278	<0.000137	<0.000174
MW-14	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-14	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	05/09/23			<0.0005	<0.001	<0.0005	<0.0015
MW-14	08/08/23			<0.0005	<0.001	<0.0005	<0.0015
MW-14	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-14	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-14	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-14	08/20/24			<0.001	<0.001	<0.001	<0.003
MW-14	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-14	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-14	06/10/25			<0.002	<0.002	<0.002	<0.006
MW-14	09/23/25			<0.001	<0.002	<0.002	<0.006
MW-14	10/27/25			<0.001	<0.002	<0.002	<0.006

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
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. LNAPL: Light Non-Aqueous Phase Liquids

Table 3

Summary of Groundwater PAH Compound Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP210884930

Monitoring Well ID	Sample Date	Sample Type	Notes	Anthracene	Acenaphthene	Acenaphthylene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	1-Methylnaphthalene	2-Methylnaphthalene
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.001**	**0.001**	**0.001**	**0.001**	**0.0002**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.03**	**0.001**	**0.001**	**0.03**	**0.03**
MW-1	07/03/12			<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	**0.00672**	<0.00526	<0.00526	-	<0.00526
MW-1	05/07/14			<0.00005	**0.000368**	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	**0.00247**	<0.00005	**0.00173**	<0.00005	**0.00974**	**0.00171**	<0.00005	-	-
MW-1	11/29/17			<0.000183	<0.000183	<0.000183	**0.000331**	**0.000355**	**0.000428**	**0.000453**	**0.00058**	**0.000449**	**0.000525**	**0.000343**	**0.000132 J**	**0.000646**	**0.000563**	**0.00252**	**0.000619**	**0.000173 J**	**0.00185**	**0.00207**
MW-1	11/15/18			**0.0000551**	**0.0000435 J**	<0.000012	<0.0000041	<0.0000116	**0.00000549 J**	**0.00000294 J**	<0.0000136	**0.0000125 J**	<0.00000396	**0.000171**	<0.0000157	**0.000289**	<0.0000148	**0.000655**	**0.000158**	**0.0000279 J**	**0.00154**	**0.000366**
MW-2	07/03/12			<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	<0.00526	-	<0.00526
MW-2	05/07/14			<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	<0.000052	-	-
MW-2	10/16/19			<0.000028	<0.00002	<0.000024	<0.0000082	<0.0000232	<0.00000424	<0.00000454	<0.0000272	<0.0000216	<0.00000792	**0.00000625 J**	<0.0000314	<0.000017	<0.0000296	<0.0000396	<0.0000164	<0.0000234	<0.0000164	<0.000018
MW-2	11/04/20			<0.000019	<0.000019	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.000016	<0.0000191	<0.000027	<0.0000169	<0.0000158	<0.0000917	<0.000018	<0.0000169	<0.0000687	<0.0000674
MW-3	07/03/12			<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	-	<0.0051
MW-3	05/07/14			<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	-	-
MW-3	11/15/18			<0.000014	<0.00001	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.000318**	<0.0000157	**0.000213**	<0.0000148	**0.000793**	**0.000076**	<0.0000117	**0.000752**	<0.00000902
MW-3	10/16/19			<0.000014	**0.0000136 J**	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.000328**	<0.0000157	**0.000144**	<0.0000148	**0.000383**	**0.0000916**	<0.0000117	**0.000377**	**0.0000142 J**
MW-3	02/17/23		LNAPL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	07/03/12			<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	-	<0.0051
MW-4	11/29/17			<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.000133 J**	<0.000183	**0.00017 J**	**0.000316**	<0.000183	-	-
MW-4	11/15/18			<0.000014	<0.00001	<0.000012	<0.0000041	<0.0000116	**0.00000431 J**	**0.00000262 J**	<0.0000136	<0.0000108	<0.00000396	**0.0000012 J**	<0.0000157	<0.0000085	<0.0000148	**0.000148 J**	<0.0000082	<0.0000117	**0.00000905 J**	<0.00000902
MW-4	10/17/19			<0.000014	<0.00001	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000512 J**	<0.0000157	<0.0000085	<0.0000148	**0.0000354 J**	<0.0000082	<0.0000117	**0.0000108 J**	**0.000011 J**
MW-5	03/08/13			<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	-	<0.0103
MW-5	05/07/14			<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	-	-
MW-5	10/17/19	DUP		<0.000014	<0.00001	<0.000012	<0.0000041	<0.0000116	**0.00000431 J**	**0.00000262 J**	<0.0000136	<0.0000108	<0.00000396	**0.00000588 J**	<0.0000157	<0.0000085	<0.0000148	**0.000027 J**	<0.0000082	<0.0000117	<0.00000821	<0.00000902
MW-5	10/17/19			<0.000014	<0.00001	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000465 J**	<0.0000157	<0.0000085	<0.0000148	**0.0000242 J**	<0.0000082	<0.0000117	<0.00000821	<0.00000902
MW-5	11/04/20			<0.000019	<0.000019	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.000016	<0.0000191	<0.000027	<0.0000169	<0.0000158	<0.0000917	<0.000018	<0.0000169	<0.0000687	<0.0000674
MW-6	03/08/13			<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	-	<0.0102
MW-6	05/07/14			<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	<0.000051	-	-
MW-6	10/16/19			<0.000014	<0.00001	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000614 J**	<0.0000157	<0.0000085	<0.0000148	**0.0000337 J**	<0.0000082	<0.0000117	<0.00000821	<0.00000902
MW-6	11/04/20			<0.000019	<0.000019	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.000016	<0.0000191	<0.0000027	<0.0000169	<0.0000158	<0.0000917	<0.0000018	<0.0000169	<0.0000687	<0.0000674
MW-7	03/08/13			<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	<0.0102	**0.0058**	<0.0102	**0.00408**	<0.0102	**0.0652**	**0.00537**	<0.0102	-	**0.0535**
MW-7	05/24/22		LNAPL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8	11/30/17			<0.000184	**0.000649**	**0.00061**	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.000344**	<0.000184	**0.00247**	<0.000184	**0.00341**	<0.000184	**0.0633**	**0.00427**	**0.000304**	-	-
MW-8	11/15/18			<0.000014	**0.000412**	<0.000012	<0.0000041	<0.0000116	**0.00000608 J**	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00401**	<0.0000157	**0.00303**	<0.0000148	**0.0812**	**0.00157**	**0.0000203 J**	**0.0945**	**0.659**
MW-8	10/17/19			**0.0000821**	**0.00054**	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00425**	<0.0000157	**0.00322**	<0.0000148	**0.0538**	**0.00203**	**0.0000247 J**	**0.0726**	**0.0517**
MW-8	11/04/20			**0.000112**	**0.000355**	**0.000503**	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.000016	**0.00504**	<0.000027	**0.00332**	<0.0000158	**0.0663**	**0.00313**	<0.0000169	**0.0737**	**0.0471**
MW-8	11/16/21			<0.000019	**0.000543**	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	**0.0000319 J**	<0.000016	**0.00388**	**0.0000372 J**	**0.00332**	<0.0000158	**0.0552**	**0.00297**	**0.0000344 J**	**0.0542**	**0.0272**
MW-8	11/03/22			<0.000019	**0.000511**	<0.0000171	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	**0.0000259 J**	<0.000016	**0.00372**	**0.0000368 J**	**0.00307**	<0.0000158	**0.0415**	**0.00329**	**0.0000363 J**	**0.0384**	**0.0178**
MW-8	01/10/24			<0.00005 U J3	**0.000246 J3**	<0.00005 U J3	<0.00005 U J3	<0.00005 U J3	<0.00005 U J3	<0.00005 U J3	<0.00005 U J3	<0.00005 U J3	<0.00005 U J3	**0.00177 J3**	<0.0001 U J3	**0.00139 J3**	<0.00005 U J3	**0.0182 J3**	**0.00141 J3**	<0.00005 U J3	**0.0166 J3**	**0.00669 J3**
MW-8	11/19/24			<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	**0.0034**	<0.001	<0.001	-	-
MW-8	10/28/25			**0.00038**	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	**0.00029**	<0.0001	**0.00022**	<0.0001	**0.0013**	**0.00038**	<0.0001	-	-
MW-9	11/30/17			<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.000134 J**	<0.000183	**0.000134 J**	**0.000305**	<0.000183	-	-
MW-9	11/15/18			<0.000014	**0.0000145 J**	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.000382**	<0.0000157	**0.000117**	<0.0000148	**0.000406**	**0.000137**	<0.0000117	**0.000418**	**0.0000156 J**
MW-9	10/17/19			<0.000014	**0.00005 J**	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00123**	<0.0000157	**0.000509**	<0.0000148	**0.00127**	**0.000503**	<0.0000117	**0.00124**	**0.0000655 J**
MW-9	11/04/20			<0.000019	**0.0000267 J**	**0.0000656**	<0.0000203	<0.0000184	<0.0000168	<0.0000184	<0.0000202	<0.0000179	<0.000016	**0.00123**	<0.000027	**0.000476**	<0.0000158	**0.00113**	**0.000438**	<0.0000169	**0.00126**	<0.0000674
MW-9	11/16/21			<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.000614**	<0.000027	**0.000209**	<0.0000158	**0.000334**	**0.000252**	<0.0000169	**0.000339 J4**	<0.0000674 U, J4
MW-9	11/03/22			<0.00019	<0.00019	<0.000171	<0.000203	<0.000184	<0.000168	<0.000184	<0.000202	<0.000179	<0.00016	**0.000232**	**0.0000301 J**	**0.00007**	<0.0000158	**0.000114 J**	**0.000078**	**0.0000236 J**	**0.0000915 J**	<0.0000674 U, J4
MW-10	11/30/17			<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.000151 J**	<0.000184	**0.000163 J**	**0.000347**	<0.000184	-	-
MW-10	11/15/18			<0.000014	<0.00001	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	<0.00000105	<0.0000157	<0.0000085	<0.0000148	**0.000214 J**	<0.0000082	<0.0000117	<0.00000821	<0.00000902
MW-10	10/16/19	DUP		<0.000014	**0.0000149 J**	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.000369**	<0.0000157	**0.000114**	<0.0000148	**0.000606**	**0.000151**	<0.0000117	**0.00235**	**0.0000199 J**
MW-10	10/16/19			<0.000014	<0.00001	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.000443**	<0.0000157	**0.000122**	<0.0000148	**0.000769**	**0.00019**	<0.0000117	**0.00255**	**0.0000235 J**

Table 3

Summary of Groundwater PAH Compound Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP210884930

Monitoring Well ID	Sample Date	Sample Type	Notes	Anthracene	Acenaphthene	Acenaphthylene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	1-Methylnaphthalene	2-Methylnaphthalene
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.001**	**0.001**	**0.001**	**0.001**	**0.0002**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.03**	**0.001**	**0.001**	**0.03**	**0.03**
MW-11	11/30/17			<0.00018	**0.000323**	**0.000333**	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	**0.000199**	<0.00018	**0.00135**	<0.00018	**0.00218**	<0.00018	**0.00103**	**0.00245**	**0.000187**	-	-
MW-11	11/15/18			**0.0000142 J**	<0.00001	<0.000012	<0.0000041	<0.0000116	**0.00000386 J**	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000319 J**	<0.0000157	<0.0000085	<0.0000148	**0.0000571 J**	**0.0000111 J**	**0.0000206 J**	<0.00000821	<0.00000902
MW-11	10/16/19			<0.000014	**0.0000316 J**	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.000202**	<0.0000157	**0.000147**	<0.0000148	**0.000887**	**0.0000995**	<0.0000117	**0.00176**	**0.000774**
MW-12	11/30/17			<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	**0.00019**	<0.00018	**0.000456**	**0.000338**	<0.00018	-	-
MW-12	11/15/18			<0.000014	**0.0000333 J**	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.000307**	<0.0000157	**0.000239**	<0.0000148	**0.00387**	**0.000123**	<0.0000117	**0.00356**	**0.000992**
MW-12	11/02/22		LNAPL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	11/30/17			<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.00037	**0.000257**	<0.000185	<0.000111	**0.00063**
MW-13	11/15/18			<0.000014	<0.00001	<0.000012	<0.0000041	<0.0000116	**0.00000233 J**	<0.00000227	<0.0000136	<0.0000108	<0.00000396	**0.00000169 J**	<0.0000157	<0.0000085	<0.0000148	**0.0000813 J**	<0.0000082	<0.0000117	<0.00000821	<0.00000902
MW-14	11/30/17			<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	<0.000182	**0.000131 J**	<0.000182	**0.000148 J**	**0.000323**	<0.000182	<0.000109 U,K	**0.000734**
MW-14	11/15/18			<0.000014	<0.00001	<0.000012	<0.0000041	<0.0000116	<0.00000212	<0.00000227	<0.0000136	<0.0000108	<0.00000396	<0.00000105	<0.0000157	<0.0000085	<0.0000148	**0.0000956 J**	<0.0000082	<0.0000117	<0.00000821	<0.00000902

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. -: Not Analyzed
8. DUP: Duplicate Sample
9. LNAPL: Light Non-Aqueous Phase Liquids

Appendices

Appendix A

Release Notification and Corrective Action, Form C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-14
Revised October 10, 200

Submit 2 Copies to appropriat
District Office in accordanc
with Rule 116 on bac
side of for

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Rep

Name of Company	Plains Pipeline, LP	Contact	Jason Henry
Address	2530 Hwy 214 – Denver City, TX 79323	Telephone No.	(575) 441-1099
Facility Name	Chevron Grayburg 6-inch Sec. 6	Facility Type	Pipeline

Surface Owner	Mineral Owner	Lease No.
NMSLO		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	6	18S	35E					Lea

Latitude N 32.7810858° Longitude W 103.4924927°

WTR 80'

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: 120 bbls	Volume Recovered: 115 bbls
Source of Release: 6" Steel Pipeline	Date and Hour of Occurrence: 10/08/2010 @ 10:00	Date and Hour of Discovery: 10/08/2010 @ 10:00
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Larry Johnson	
By Whom? Jason Henry	Date and Hour: 10/08/2010 @ 11:30	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RECEIVED
OCT 15
HOBBS

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Excavator struck a tee connected to the Chevron Grayburg 6" pipeline causing a release of crude oil. Throughput for the subject line is 2,000 bbls/day and the operating pressure of the pipeline is 50 psi. The depth of the pipeline at the release point is approximately 2' bgs. The H2S concentration in the crude is less than 10 ppm and the gravity of the crude is 36.

Describe Area Affected and Cleanup Action Taken.*

The released crude pooled in the trench next to the pipeline and a vac truck was used to recover the free product. The impacted area will be remediated per applicable guidelines.

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

Signature: Jason Henry

Printed Name: Jason Henry

Title: Remediation Coordinator

E-mail Address: jhenry@paalp.com

Date: 10-15-2010 Phone: (575) 441-1099

OIL CONSERVATION DIVISION

Approved by District Supervisor: ENVIRONMENTAL ENGINEER

Approval Date: 10.15.10 Expiration Date: 12.15.10

Conditions of Approval: SUBMIT FINAL C-141 W/DOCS BY

Attached ☐

IRP# 10.10.2637

* Attach Additional Sheets If Necessary

Appendix B

Certified Laboratory Analytical Reports

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

May 06, 2025

Adrianna Copeland
GHDHouston
11451 Katy Freeway
Suite 400
Houston, TX 77079

Work Order: **HS25041443**

Laboratory Results for: **Chevron Grayburg 6-Inch Sec. 6 (Historical)**

Dear Adrianna Copeland,

ALS Environmental received 14 sample(s) on Apr 25, 2025 for the analysis presented in the following report.

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

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

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

Sincerely,

Alexis Dorenbosch

Generated By: JUMOKE.LAWAL
Alexis Dorenbosch

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Work Order: HS25041443

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS25041443-01	12604539-MW-2-20250423	GW		23-Apr-2025 09:45	25-Apr-2025 09:00	☐
HS25041443-02	12604539-MW-3-20250423	GW		23-Apr-2025 10:25	25-Apr-2025 09:00	☐
HS25041443-03	12604539-MW-4-20250423	GW		23-Apr-2025 10:00	25-Apr-2025 09:00	☐
HS25041443-04	12604539-MW-5-20250423	GW		23-Apr-2025 10:45	25-Apr-2025 09:00	☐
HS25041443-05	12604539-MW-13-20250423	GW		23-Apr-2025 13:50	25-Apr-2025 09:00	☐
HS25041443-06	12604539-MW-14-20250423	GW		23-Apr-2025 12:55	25-Apr-2025 09:00	☐
HS25041443-07	12604539-MW-1-20250423	GW		23-Apr-2025 10:05	25-Apr-2025 09:00	☐
HS25041443-08	12604539-MW-6-20250423	GW		23-Apr-2025 11:55	25-Apr-2025 09:00	☐
HS25041443-09	12604539-MW-8-20250423	GW		23-Apr-2025 12:05	25-Apr-2025 09:00	☐
HS25041443-10	12604539-MW-9-20250423	GW		23-Apr-2025 14:40	25-Apr-2025 09:00	☐
HS25041443-11	12604539-MW-10-20250423	GW		23-Apr-2025 13:40	25-Apr-2025 09:00	☐
HS25041443-12	12604539-MW-11-20250423	GW		23-Apr-2025 13:15	25-Apr-2025 09:00	☐
HS25041443-13	12604539-DUP-1-20250423	GW		23-Apr-2025 00:00	25-Apr-2025 09:00	☐
HS25041443-14	Trip Blank	Water	CG-032625-060	23-Apr-2025 00:00	25-Apr-2025 09:00	☐

ALS Houston, US Date: 06-May-25

Client: GHDHouston **CASE NARRATIVE**
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Work Order: HS25041443

GCMS Volatiles by Method SW8260

Batch ID: R512436

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

Batch ID: R512542

Sample ID: LCS-250505

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

Batch ID: R512405

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

Batch ID: R512353

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-2-20250423
Collection Date: 23-Apr-2025 09:45

ANALYTICAL REPORT
WorkOrder:HS25041443
Lab ID:HS25041443-01
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	05-May-2025 15:41
Ethylbenzene	< 0.0020		0.0020	mg/L	1	05-May-2025 15:41
Toluene	< 0.0020		0.0020	mg/L	1	05-May-2025 15:41
Xylenes, Total	< 0.0030		0.0030	mg/L	1	05-May-2025 15:41
Surr: 1,2-Dichloroethane-d4	*120*		*70-126*	*%REC*	*1*	*05-May-2025 15:41*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*1*	*05-May-2025 15:41*
Surr: Dibromofluoromethane	*110*		*77-123*	*%REC*	*1*	*05-May-2025 15:41*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*05-May-2025 15:41*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-3-20250423
Collection Date: 23-Apr-2025 10:25

ANALYTICAL REPORT
WorkOrder:HS25041443
Lab ID:HS25041443-02
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	05-May-2025 16:04
Ethylbenzene	< 0.0020		0.0020	mg/L	1	05-May-2025 16:04
Toluene	< 0.0020		0.0020	mg/L	1	05-May-2025 16:04
Xylenes, Total	< 0.0030		0.0030	mg/L	1	05-May-2025 16:04
Surr: 1,2-Dichloroethane-d4	*117*		*70-126*	*%REC*	*1*	*05-May-2025 16:04*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*05-May-2025 16:04*
Surr: Dibromofluoromethane	*110*		*77-123*	*%REC*	*1*	*05-May-2025 16:04*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*05-May-2025 16:04*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston **ANALYTICAL REPORT**
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical) WorkOrder:HS25041443
Sample ID: 12604539-MW-4-20250423 Lab ID:HS25041443-03
Collection Date: 23-Apr-2025 10:00 Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	05-May-2025 16:27
Ethylbenzene	< 0.0020		0.0020	mg/L	1	05-May-2025 16:27
Toluene	< 0.0020		0.0020	mg/L	1	05-May-2025 16:27
Xylenes, Total	< 0.0030		0.0030	mg/L	1	05-May-2025 16:27
Surr: 1,2-Dichloroethane-d4	*117*		*70-126*	*%REC*	*1*	*05-May-2025 16:27*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*05-May-2025 16:27*
Surr: Dibromofluoromethane	*112*		*77-123*	*%REC*	*1*	*05-May-2025 16:27*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*1*	*05-May-2025 16:27*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston **ANALYTICAL REPORT**
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical) WorkOrder:HS25041443
Sample ID: 12604539-MW-5-20250423 Lab ID:HS25041443-04
Collection Date: 23-Apr-2025 10:45 Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	05-May-2025 16:50
Ethylbenzene	< 0.0020		0.0020	mg/L	1	05-May-2025 16:50
Toluene	< 0.0020		0.0020	mg/L	1	05-May-2025 16:50
Xylenes, Total	< 0.0030		0.0030	mg/L	1	05-May-2025 16:50
Surr: 1,2-Dichloroethane-d4	*115*		*70-126*	*%REC*	*1*	*05-May-2025 16:50*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*05-May-2025 16:50*
Surr: Dibromofluoromethane	*110*		*77-123*	*%REC*	*1*	*05-May-2025 16:50*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*05-May-2025 16:50*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-13-20250423
Collection Date: 23-Apr-2025 13:50

ANALYTICAL REPORT
WorkOrder:HS25041443
Lab ID:HS25041443-05
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	05-May-2025 14:56
Ethylbenzene	< 0.0020		0.0020	mg/L	1	05-May-2025 14:56
Toluene	< 0.0020		0.0020	mg/L	1	05-May-2025 14:56
Xylenes, Total	< 0.0030		0.0030	mg/L	1	05-May-2025 14:56
Surr: 1,2-Dichloroethane-d4	*114*		*70-126*	*%REC*	*1*	*05-May-2025 14:56*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*05-May-2025 14:56*
Surr: Dibromofluoromethane	*110*		*77-123*	*%REC*	*1*	*05-May-2025 14:56*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*05-May-2025 14:56*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-14-20250423
Collection Date: 23-Apr-2025 12:55

ANALYTICAL REPORT
WorkOrder:HS25041443
Lab ID:HS25041443-06
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	05-May-2025 15:18
Ethylbenzene	< 0.0020		0.0020	mg/L	1	05-May-2025 15:18
Toluene	< 0.0020		0.0020	mg/L	1	05-May-2025 15:18
Xylenes, Total	< 0.0030		0.0030	mg/L	1	05-May-2025 15:18
Surr: 1,2-Dichloroethane-d4	*114*		*70-126*	*%REC*	*1*	*05-May-2025 15:18*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*05-May-2025 15:18*
Surr: Dibromofluoromethane	*113*		*77-123*	*%REC*	*1*	*05-May-2025 15:18*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*1*	*05-May-2025 15:18*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston **ANALYTICAL REPORT**
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical) WorkOrder:HS25041443
Sample ID: 12604539-MW-1-20250423 Lab ID:HS25041443-07
Collection Date: 23-Apr-2025 10:05 Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0020		0.0020	mg/L	1	02-May-2025 15:38
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-May-2025 15:38
Toluene	**0.0025**		**0.0020**	**mg/L**	1	02-May-2025 15:38
Xylenes, Total	**0.0068**		**0.0030**	**mg/L**	1	02-May-2025 15:38
Surr: 1,2-Dichloroethane-d4	*97.4*		*70-126*	*%REC*	*1*	*02-May-2025 15:38*
Surr: 4-Bromofluorobenzene	*107*		*77-113*	*%REC*	*1*	*02-May-2025 15:38*
Surr: Dibromofluoromethane	*95.1*		*77-123*	*%REC*	*1*	*02-May-2025 15:38*
Surr: Toluene-d8	*108*		*82-127*	*%REC*	*1*	*02-May-2025 15:38*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-6-20250423
Collection Date: 23-Apr-2025 11:55

ANALYTICAL REPORT
WorkOrder:HS25041443
Lab ID:HS25041443-08
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0020		0.0020	mg/L	1	02-May-2025 16:01
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-May-2025 16:01
Toluene	< 0.0020		0.0020	mg/L	1	02-May-2025 16:01
Xylenes, Total	< 0.0030		0.0030	mg/L	1	02-May-2025 16:01
Surr: 1,2-Dichloroethane-d4	*96.1*		*70-126*	*%REC*	*1*	*02-May-2025 16:01*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*02-May-2025 16:01*
Surr: Dibromofluoromethane	*94.4*		*77-123*	*%REC*	*1*	*02-May-2025 16:01*
Surr: Toluene-d8	*107*		*82-127*	*%REC*	*1*	*02-May-2025 16:01*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-8-20250423
Collection Date: 23-Apr-2025 12:05

ANALYTICAL REPORT
WorkOrder:HS25041443
Lab ID:HS25041443-09
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**0.16**		**0.0020**	**mg/L**	1	02-May-2025 16:24
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-May-2025 16:24
Toluene	**0.072**		**0.0020**	**mg/L**	1	02-May-2025 16:24
Xylenes, Total	**0.035**		**0.0030**	**mg/L**	1	02-May-2025 16:24
Surr: 1,2-Dichloroethane-d4	*97.1*		*70-126*	*%REC*	*1*	*02-May-2025 16:24*
Surr: 4-Bromofluorobenzene	*101*		*77-113*	*%REC*	*1*	*02-May-2025 16:24*
Surr: Dibromofluoromethane	*93.4*		*77-123*	*%REC*	*1*	*02-May-2025 16:24*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*02-May-2025 16:24*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston **ANALYTICAL REPORT**
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical) WorkOrder:HS25041443
Sample ID: 12604539-MW-9-20250423 Lab ID:HS25041443-10
Collection Date: 23-Apr-2025 14:40 Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0020		0.0020	mg/L	1	02-May-2025 16:47
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-May-2025 16:47
Toluene	< 0.0020		0.0020	mg/L	1	02-May-2025 16:47
Xylenes, Total	< 0.0030		0.0030	mg/L	1	02-May-2025 16:47
Surr: 1,2-Dichloroethane-d4	*96.9*		*70-126*	*%REC*	*1*	*02-May-2025 16:47*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*02-May-2025 16:47*
Surr: Dibromofluoromethane	*95.4*		*77-123*	*%REC*	*1*	*02-May-2025 16:47*
Surr: Toluene-d8	*106*		*82-127*	*%REC*	*1*	*02-May-2025 16:47*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-10-20250423
Collection Date: 23-Apr-2025 13:40

ANALYTICAL REPORT
WorkOrder:HS25041443
Lab ID:HS25041443-11
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0020		0.0020	mg/L	1	02-May-2025 15:40
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-May-2025 15:40
Toluene	< 0.0020		0.0020	mg/L	1	02-May-2025 15:40
Xylenes, Total	< 0.0030		0.0030	mg/L	1	02-May-2025 15:40
Surr: 1,2-Dichloroethane-d4	*84.2*		*70-126*	*%REC*	*1*	*02-May-2025 15:40*
Surr: 4-Bromofluorobenzene	*91.2*		*77-113*	*%REC*	*1*	*02-May-2025 15:40*
Surr: Dibromofluoromethane	*91.0*		*77-123*	*%REC*	*1*	*02-May-2025 15:40*
Surr: Toluene-d8	*103*		*82-127*	*%REC*	*1*	*02-May-2025 15:40*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-11-20250423
Collection Date: 23-Apr-2025 13:15

ANALYTICAL REPORT
WorkOrder:HS25041443
Lab ID:HS25041443-12
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**0.0029**		**0.0020**	**mg/L**	1	02-May-2025 00:47
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-May-2025 00:47
Toluene	< 0.0020		0.0020	mg/L	1	02-May-2025 00:47
Xylenes, Total	< 0.0030		0.0030	mg/L	1	02-May-2025 00:47
Surr: 1,2-Dichloroethane-d4	*98.3*		*70-126*	*%REC*	*1*	*02-May-2025 00:47*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*1*	*02-May-2025 00:47*
Surr: Dibromofluoromethane	*97.0*		*77-123*	*%REC*	*1*	*02-May-2025 00:47*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*1*	*02-May-2025 00:47*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-DUP-1-20250423
Collection Date: 23-Apr-2025 00:00

ANALYTICAL REPORT
WorkOrder:HS25041443
Lab ID:HS25041443-13
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**0.16**		**0.0020**	**mg/L**	1	02-May-2025 01:10
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-May-2025 01:10
Toluene	**0.074**		**0.0020**	**mg/L**	1	02-May-2025 01:10
Xylenes, Total	**0.037**		**0.0030**	**mg/L**	1	02-May-2025 01:10
Surr: 1,2-Dichloroethane-d4	*96.8*		*70-126*	*%REC*	*1*	*02-May-2025 01:10*
Surr: 4-Bromofluorobenzene	*100*		*77-113*	*%REC*	*1*	*02-May-2025 01:10*
Surr: Dibromofluoromethane	*94.7*		*77-123*	*%REC*	*1*	*02-May-2025 01:10*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*02-May-2025 01:10*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: Trip Blank
Collection Date: 23-Apr-2025 00:00

ANALYTICAL REPORT
WorkOrder:HS25041443
Lab ID:HS25041443-14
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	< 0.0020		0.0020	mg/L	1	02-May-2025 13:28
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-May-2025 13:28
Toluene	< 0.0020		0.0020	mg/L	1	02-May-2025 13:28
Xylenes, Total	< 0.0030		0.0030	mg/L	1	02-May-2025 13:28
Surr: 1,2-Dichloroethane-d4	*84.8*		*70-126*	*%REC*	*1*	*02-May-2025 13:28*
Surr: 4-Bromofluorobenzene	*93.4*		*77-113*	*%REC*	*1*	*02-May-2025 13:28*
Surr: Dibromofluoromethane	*92.5*		*77-123*	*%REC*	*1*	*02-May-2025 13:28*
Surr: Toluene-d8	*104*		*82-127*	*%REC*	*1*	*02-May-2025 13:28*

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

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25041443

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R512353 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** GW	
HS25041443-12	12604539-MW-11-20250423	23 Apr 2025 13:15			02 May 2025 00:47	1
HS25041443-13	12604539-DUP-1-20250423	23 Apr 2025 00:00			02 May 2025 01:10	1
Batch ID: R512405 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** GW	
HS25041443-07	12604539-MW-1-20250423	23 Apr 2025 10:05			02 May 2025 15:38	1
HS25041443-08	12604539-MW-6-20250423	23 Apr 2025 11:55			02 May 2025 16:01	1
HS25041443-09	12604539-MW-8-20250423	23 Apr 2025 12:05			02 May 2025 16:24	1
HS25041443-10	12604539-MW-9-20250423	23 Apr 2025 14:40			02 May 2025 16:47	1
Batch ID: R512436 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS25041443-14	Trip Blank	23 Apr 2025 00:00			02 May 2025 13:28	1
Batch ID: R512436 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** GW	
HS25041443-11	12604539-MW-10-20250423	23 Apr 2025 13:40			02 May 2025 15:40	1
Batch ID: R512542 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** GW	
HS25041443-01	12604539-MW-2-20250423	23 Apr 2025 09:45			05 May 2025 15:41	1
HS25041443-02	12604539-MW-3-20250423	23 Apr 2025 10:25			05 May 2025 16:04	1
HS25041443-03	12604539-MW-4-20250423	23 Apr 2025 10:00			05 May 2025 16:27	1
HS25041443-04	12604539-MW-5-20250423	23 Apr 2025 10:45			05 May 2025 16:50	1
HS25041443-05	12604539-MW-13-20250423	23 Apr 2025 13:50			05 May 2025 14:56	1
HS25041443-06	12604539-MW-14-20250423	23 Apr 2025 12:55			05 May 2025 15:18	1

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25041443

QC BATCH REPORT

Batch ID: R512353 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-250501** Units: **ug/L** Analysis Date: **01-May-2025 22:29**
Client ID: Run ID: **VOA7_512353** SeqNo: **8810424** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	< 2.0	2.0								
Ethylbenzene	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 3.0	3.0								
Surr: 1,2-Dichloroethane-d4	*47.29*	*1.0*	*50*	*0*	*94.6*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*53.02*	*1.0*	*50*	*0*	*106*	*77 - 113*				
Surr: Dibromofluoromethane	*46.03*	*1.0*	*50*	*0*	*92.1*	*73 - 126*				
Surr: Toluene-d8	*53.05*	*1.0*	*50*	*0*	*106*	*81 - 120*				

LCS Sample ID: **LCS-250501** Units: **ug/L** Analysis Date: **01-May-2025 21:21**
Client ID: Run ID: **VOA7_512353** SeqNo: **8810430** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.83	2.0	20	0	104	74 - 120				
Ethylbenzene	22.79	2.0	20	0	114	77 - 117				
Toluene	21.64	2.0	20	0	108	77 - 118				
Xylenes, Total	64.89	3.0	60	0	108	75 - 122				
Surr: 1,2-Dichloroethane-d4	*49.62*	*1.0*	*50*	*0*	*99.2*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*51.16*	*1.0*	*50*	*0*	*102*	*77 - 113*				
Surr: Dibromofluoromethane	*48.33*	*1.0*	*50*	*0*	*96.7*	*73 - 126*				
Surr: Toluene-d8	*51.24*	*1.0*	*50*	*0*	*102*	*81 - 120*				

LCSD Sample ID: **LCSD-250501** Units: **ug/L** Analysis Date: **01-May-2025 21:44**
Client ID: Run ID: **VOA7_512353** SeqNo: **8810431** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.7	2.0	20	0	98.5	74 - 120	20.83	5.56	20	
Ethylbenzene	21.66	2.0	20	0	108	77 - 117	22.79	5.08	20	
Toluene	20.63	2.0	20	0	103	77 - 118	21.64	4.75	20	
Xylenes, Total	61.15	3.0	60	0	102	75 - 122	64.89	5.93	20	
Surr: 1,2-Dichloroethane-d4	*49.54*	*1.0*	*50*	*0*	*99.1*	*70 - 123*	*49.62*	*0.177*	*20*	
Surr: 4-Bromofluorobenzene	*51.05*	*1.0*	*50*	*0*	*102*	*77 - 113*	*51.16*	*0.223*	*20*	
Surr: Dibromofluoromethane	*48.24*	*1.0*	*50*	*0*	*96.5*	*73 - 126*	*48.33*	*0.193*	*20*	
Surr: Toluene-d8	*51.35*	*1.0*	*50*	*0*	*103*	*81 - 120*	*51.24*	*0.214*	*20*	

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25041443

QC BATCH REPORT

Batch ID: R512353 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS25041416-01MS** Units: **ug/L** Analysis Date: **02-May-2025 06:33**
Client ID: Run ID: **VOA7_512353** SeqNo: **8810449** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.95	2.0	20	0	110	70 - 127				
Ethylbenzene	23.79	2.0	20	0	119	70 - 124				
Toluene	22.71	2.0	20	0	114	70 - 123				
Xylenes, Total	68.08	3.0	60	0	113	70 - 130				
Surr: 1,2-Dichloroethane-d4	*50.76*	*1.0*	*50*	*0*	*102*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*50.97*	*1.0*	*50*	*0*	*102*	*77 - 113*				
Surr: Dibromofluoromethane	*49.36*	*1.0*	*50*	*0*	*98.7*	*77 - 123*				
Surr: Toluene-d8	*51.17*	*1.0*	*50*	*0*	*102*	*82 - 127*				

MSD Sample ID: **HS25041416-01MSD** Units: **ug/L** Analysis Date: **02-May-2025 06:56**
Client ID: Run ID: **VOA7_512353** SeqNo: **8810450** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.55	2.0	20	0	108	70 - 127	21.95	1.84	20	
Ethylbenzene	23.39	2.0	20	0	117	70 - 124	23.79	1.7	20	
Toluene	22.35	2.0	20	0	112	70 - 123	22.71	1.6	20	
Xylenes, Total	67.47	3.0	60	0	112	70 - 130	68.08	0.894	20	
Surr: 1,2-Dichloroethane-d4	*49.03*	*1.0*	*50*	*0*	*98.1*	*70 - 126*	*50.76*	*3.47*	*20*	
Surr: 4-Bromofluorobenzene	*52.53*	*1.0*	*50*	*0*	*105*	*77 - 113*	*50.97*	*3.02*	*20*	
Surr: Dibromofluoromethane	*48.73*	*1.0*	*50*	*0*	*97.5*	*77 - 123*	*49.36*	*1.28*	*20*	
Surr: Toluene-d8	*51.62*	*1.0*	*50*	*0*	*103*	*82 - 127*	*51.17*	*0.883*	*20*	

The following samples were analyzed in this batch: HS25041443-12 HS25041443-13

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25041443

QC BATCH REPORT

Batch ID: R512405 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-250502** Units: **ug/L** Analysis Date: **02-May-2025 10:43**
Client ID: Run ID: **VOA7_512405** SeqNo: **8811485** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	< 2.0	2.0								
Ethylbenzene	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 3.0	3.0								
Surr: 1,2-Dichloroethane-d4	*47.56*	*1.0*	*50*	*0*	*95.1*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52.86*	*1.0*	*50*	*0*	*106*	*77 - 113*				
Surr: Dibromofluoromethane	*47.17*	*1.0*	*50*	*0*	*94.3*	*73 - 126*				
Surr: Toluene-d8	*53.05*	*1.0*	*50*	*0*	*106*	*81 - 120*				

LCS Sample ID: **LCS-250502** Units: **ug/L** Analysis Date: **02-May-2025 09:34**
Client ID: Run ID: **VOA7_512405** SeqNo: **8811496** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.57	2.0	20	0	103	74 - 120				
Ethylbenzene	22.31	2.0	20	0	112	77 - 117				
Toluene	21.37	2.0	20	0	107	77 - 118				
Xylenes, Total	64.25	3.0	60	0	107	75 - 122				
Surr: 1,2-Dichloroethane-d4	*49.56*	*1.0*	*50*	*0*	*99.1*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*51.45*	*1.0*	*50*	*0*	*103*	*77 - 113*				
Surr: Dibromofluoromethane	*49.05*	*1.0*	*50*	*0*	*98.1*	*73 - 126*				
Surr: Toluene-d8	*51.68*	*1.0*	*50*	*0*	*103*	*81 - 120*				

LCSD Sample ID: **LCSD-250502** Units: **ug/L** Analysis Date: **02-May-2025 09:57**
Client ID: Run ID: **VOA7_512405** SeqNo: **8811497** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.5	2.0	20	0	97.5	74 - 120	20.57	5.34	20	
Ethylbenzene	21.14	2.0	20	0	106	77 - 117	22.31	5.36	20	
Toluene	20.08	2.0	20	0	100	77 - 118	21.37	6.23	20	
Xylenes, Total	60.62	3.0	60	0	101	75 - 122	64.25	5.82	20	
Surr: 1,2-Dichloroethane-d4	*49.62*	*1.0*	*50*	*0*	*99.2*	*70 - 123*	*49.56*	*0.123*	*20*	
Surr: 4-Bromofluorobenzene	*51.44*	*1.0*	*50*	*0*	*103*	*77 - 113*	*51.45*	*0.00389*	*20*	
Surr: Dibromofluoromethane	*47.64*	*1.0*	*50*	*0*	*95.3*	*73 - 126*	*49.05*	*2.92*	*20*	
Surr: Toluene-d8	*50.97*	*1.0*	*50*	*0*	*102*	*81 - 120*	*51.68*	*1.39*	*20*	

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25041443

QC BATCH REPORT

Batch ID: R512405 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS25041465-02MS** Units: **ug/L** Analysis Date: **02-May-2025 19:04**
Client ID: Run ID: **VOA7_512405** SeqNo: **8812246** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.64	2.0	20	0	103	70 - 127				
Ethylbenzene	22.38	2.0	20	0	112	70 - 124				
Toluene	21.25	2.0	20	0	106	70 - 123				
Xylenes, Total	63.81	3.0	60	0	106	70 - 130				
Surr: 1,2-Dichloroethane-d4	*50.84*	*1.0*	*50*	*0*	*102*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*50.25*	*1.0*	*50*	*0*	*101*	*77 - 113*				
Surr: Dibromofluoromethane	*49.31*	*1.0*	*50*	*0*	*98.6*	*77 - 123*				
Surr: Toluene-d8	*51.14*	*1.0*	*50*	*0*	*102*	*82 - 127*				

MSD Sample ID: **HS25041465-02MSD** Units: **ug/L** Analysis Date: **02-May-2025 19:27**
Client ID: Run ID: **VOA7_512405** SeqNo: **8812247** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.11	2.0	20	0	101	70 - 127	20.64	2.6	20	
Ethylbenzene	21.4	2.0	20	0	107	70 - 124	22.38	4.5	20	
Toluene	20.36	2.0	20	0	102	70 - 123	21.25	4.27	20	
Xylenes, Total	61.9	3.0	60	0	103	70 - 130	63.81	3.04	20	
Surr: 1,2-Dichloroethane-d4	*51*	*1.0*	*50*	*0*	*102*	*70 - 126*	*50.84*	*0.316*	*20*	
Surr: 4-Bromofluorobenzene	*51*	*1.0*	*50*	*0*	*102*	*77 - 113*	*50.25*	*1.47*	*20*	
Surr: Dibromofluoromethane	*48.72*	*1.0*	*50*	*0*	*97.4*	*77 - 123*	*49.31*	*1.19*	*20*	
Surr: Toluene-d8	*50.38*	*1.0*	*50*	*0*	*101*	*82 - 127*	*51.14*	*1.5*	*20*	

The following samples were analyzed in this batch: HS25041443-07 HS25041443-08 HS25041443-09 HS25041443-10

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25041443

QC BATCH REPORT

Batch ID: R512436 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **VBLKW-250502** Units: **ug/L** Analysis Date: **02-May-2025 10:39**
Client ID: Run ID: **VOA4_512436** SeqNo: **8811978** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	< 2.0	2.0								
Ethylbenzene	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 3.0	3.0								
Surr: 1,2-Dichloroethane-d4	*41.88*	*1.0*	*50*	*0*	*83.8*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*46.45*	*1.0*	*50*	*0*	*92.9*	*77 - 113*				
Surr: Dibromofluoromethane	*45.49*	*1.0*	*50*	*0*	*91.0*	*73 - 126*				
Surr: Toluene-d8	*50.04*	*1.0*	*50*	*0*	*100*	*81 - 120*				

LCS Sample ID: **VLCSW-250502** Units: **ug/L** Analysis Date: **02-May-2025 09:37**
Client ID: Run ID: **VOA4_512436** SeqNo: **8812001** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.76	2.0	20	0	93.8	74 - 120				
Ethylbenzene	20.54	2.0	20	0	103	77 - 117				
Toluene	19.67	2.0	20	0	98.4	77 - 118				
Xylenes, Total	62.53	3.0	60	0	104	75 - 122				
Surr: 1,2-Dichloroethane-d4	*43.23*	*1.0*	*50*	*0*	*86.5*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*45.92*	*1.0*	*50*	*0*	*91.8*	*77 - 113*				
Surr: Dibromofluoromethane	*45.96*	*1.0*	*50*	*0*	*91.9*	*73 - 126*				
Surr: Toluene-d8	*51.41*	*1.0*	*50*	*0*	*103*	*81 - 120*				

LCSD Sample ID: **VLCSDW-250502** Units: **ug/L** Analysis Date: **02-May-2025 09:58**
Client ID: Run ID: **VOA4_512436** SeqNo: **8812002** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.17	2.0	20	0	90.9	74 - 120	18.76	3.15	20	
Ethylbenzene	19.96	2.0	20	0	99.8	77 - 117	20.54	2.85	20	
Toluene	19.61	2.0	20	0	98.0	77 - 118	19.67	0.331	20	
Xylenes, Total	61.82	3.0	60	0	103	75 - 122	62.53	1.14	20	
Surr: 1,2-Dichloroethane-d4	*42.94*	*1.0*	*50*	*0*	*85.9*	*70 - 123*	*43.23*	*0.678*	*20*	
Surr: 4-Bromofluorobenzene	*46.77*	*1.0*	*50*	*0*	*93.5*	*77 - 113*	*45.92*	*1.84*	*20*	
Surr: Dibromofluoromethane	*46.44*	*1.0*	*50*	*0*	*92.9*	*73 - 126*	*45.96*	*1.03*	*20*	
Surr: Toluene-d8	*52.75*	*1.0*	*50*	*0*	*105*	*81 - 120*	*51.41*	*2.57*	*20*	

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25041443

QC BATCH REPORT

Batch ID: R512436 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS25041426-24MS** Units: **ug/L** Analysis Date: **02-May-2025 18:05**
Client ID: Run ID: **VOA4_512436** SeqNo: **8811996** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.12	2.0	20	0	95.6	70 - 127				
Ethylbenzene	21.25	2.0	20	0	106	70 - 124				
Toluene	20.86	2.0	20	0	104	70 - 123				
Xylenes, Total	64.33	3.0	60	0	107	70 - 130				
Surr: 1,2-Dichloroethane-d4	*41.78*	*1.0*	*50*	*0*	*83.6*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*46.32*	*1.0*	*50*	*0*	*92.6*	*77 - 113*				
Surr: Dibromofluoromethane	*45.33*	*1.0*	*50*	*0*	*90.7*	*77 - 123*				
Surr: Toluene-d8	*52.5*	*1.0*	*50*	*0*	*105*	*82 - 127*				

MSD Sample ID: **HS25041426-24MSD** Units: **ug/L** Analysis Date: **02-May-2025 18:26**
Client ID: Run ID: **VOA4_512436** SeqNo: **8811997** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.67	2.0	20	0	93.4	70 - 127	19.12	2.37	20	
Ethylbenzene	20.61	2.0	20	0	103	70 - 124	21.25	3.03	20	
Toluene	19.87	2.0	20	0	99.3	70 - 123	20.86	4.89	20	
Xylenes, Total	62.28	3.0	60	0	104	70 - 130	64.33	3.24	20	
Surr: 1,2-Dichloroethane-d4	*43.31*	*1.0*	*50*	*0*	*86.6*	*70 - 126*	*41.78*	*3.59*	*20*	
Surr: 4-Bromofluorobenzene	*45.56*	*1.0*	*50*	*0*	*91.1*	*77 - 113*	*46.32*	*1.64*	*20*	
Surr: Dibromofluoromethane	*45.82*	*1.0*	*50*	*0*	*91.6*	*77 - 123*	*45.33*	*1.08*	*20*	
Surr: Toluene-d8	*52.04*	*1.0*	*50*	*0*	*104*	*82 - 127*	*52.5*	*0.886*	*20*	

The following samples were analyzed in this batch: HS25041443-11 HS25041443-14

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25041443

QC BATCH REPORT

Batch ID: R512542 (0) **Instrument: VOA13** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-250505** Units: **ug/L** Analysis Date: **05-May-2025 11:30**
Client ID: Run ID: **VOA13_512542** SeqNo: **8814355** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	< 2.0	2.0								
Ethylbenzene	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 3.0	3.0								
Surr: 1,2-Dichloroethane-d4	*58.83*	*1.0*	*50*	*0*	*118*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*53.33*	*1.0*	*50*	*0*	*107*	*77 - 113*				
Surr: Dibromofluoromethane	*54.28*	*1.0*	*50*	*0*	*109*	*73 - 126*				
Surr: Toluene-d8	*50.78*	*1.0*	*50*	*0*	*102*	*81 - 120*				

LCS Sample ID: **LCS-250505** Units: **ug/L** Analysis Date: **05-May-2025 10:21**
Client ID: Run ID: **VOA13_512542** SeqNo: **8814314** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.8	2.0	20	0	99.0	74 - 120				
Ethylbenzene	19.77	2.0	20	0	98.8	77 - 117				
Toluene	20.07	2.0	20	0	100	77 - 118				
Xylenes, Total	58.37	3.0	60	0	97.3	75 - 122				
Surr: 1,2-Dichloroethane-d4	*56.98*	*1.0*	*50*	*0*	*114*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*50.8*	*1.0*	*50*	*0*	*102*	*77 - 113*				
Surr: Dibromofluoromethane	*52.64*	*1.0*	*50*	*0*	*105*	*73 - 126*				
Surr: Toluene-d8	*51.26*	*1.0*	*50*	*0*	*103*	*81 - 120*				

LCSD Sample ID: **LCSD-250505** Units: **ug/L** Analysis Date: **05-May-2025 10:44**
Client ID: Run ID: **VOA13_512542** SeqNo: **8814315** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.22	2.0	20	0	101	74 - 120	19.8	2.14	20	
Ethylbenzene	20.06	2.0	20	0	100	77 - 117	19.77	1.46	20	
Toluene	20.4	2.0	20	0	102	77 - 118	20.07	1.6	20	
Xylenes, Total	59.25	3.0	60	0	98.8	75 - 122	58.37	1.5	20	
Surr: 1,2-Dichloroethane-d4	*57.16*	*1.0*	*50*	*0*	*114*	*70 - 123*	*56.98*	*0.324*	*20*	
Surr: 4-Bromofluorobenzene	*51.49*	*1.0*	*50*	*0*	*103*	*77 - 113*	*50.8*	*1.35*	*20*	
Surr: Dibromofluoromethane	*52.92*	*1.0*	*50*	*0*	*106*	*73 - 126*	*52.64*	*0.525*	*20*	
Surr: Toluene-d8	*51.47*	*1.0*	*50*	*0*	*103*	*81 - 120*	*51.26*	*0.415*	*20*	

ALS Houston, US Date: 06-May-25

Client:	GHDHouston
Project:	Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder:	HS25041443

QC BATCH REPORT

Batch ID:	**R512542 (0)**	**Instrument:**	**VOA13**	**Method:**	**LOW LEVEL VOLATILES BY SW8260C**

The following samples were analyzed in this batch:

HS25041443-01	HS25041443-02	HS25041443-03	HS25041443-04
HS25041443-05	HS25041443-06		

ALS Houston, US Date: 06-May-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: **HS25041443**

QUALIFIERS, ACRONYMS, UNITS

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

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

Unit Reported	Description
mg/L	Milligrams per Liter

ALS Houston, US Date: 06-May-25

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2026
Arkansas	88-00356_2024	17-Mar-2026
Dept of Defense	L24-239	30-Apr-2026
Dept of Defense	L24-240	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Minnesota	2856348	31-Dec-2025
Missouri	136	30-Sep-2026
New Hampshire	209425	24-Apr-2026
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2025
North Dakota	R-193 2023-2024	30-Sep-2025
Oklahoma	2023-140	31-Aug-2025
Pennsylvania	018	30-Jun-2025
Tennessee	TN	30-Apr-2026
Texas	T104704231 TX-C24-00130	30-Apr-2026
Utah	TX026932023-14	31-Jul-2025

ALS Houston, US Date: 06-May-25

Sample Receipt Checklist

Work Order ID: HS25041443 **Date/Time Received:** 25-Apr-2025 09:00

Client Name: GHDHouston **Received by:** Edgar Zheku

Completed By: /S/ Kaycee Rogers 26-Apr-2025 13:06 **Reviewed by:** /S/ Caden.Lafontaine 28-Apr-2025 13:41

eSignature Date/Time eSignature Date/Time

Matrices: **Groundwater, Water** Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	2 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:341604, 341603
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.1UC/3.1C	IR 34	
Cooler(s)/Kit(s):	53488		
Date/Time sample(s) sent to storage:	04/26/2025 1306		
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
Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070

Chain of Custody Form

Page 1 of 2

COC ID: 341604

HS25041443
GHDHouston
Chevron Grayburg 6-Inch Sec. 6 (Historical)

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	SRS Chevron Grayburg 6-Inch Hi	Project Name	Chevron Grayburg 6-Inch Sec. 6 (H	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	SRS Chevron Grayburg 6-Inch Histo	B	
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C	
Send Report To	Adrianna Copeland	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	Adrianna.Copeland@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	12604539-MW-2-20250423	04-23-25	09:45	GW	Ice	3	✓										
2	12604539-MW-3-20250423		10:25	GW	Ice	3	✓		Bill Direct to:								
3	12604539-MW-4-20250423		10:00	GW	Ice	3	✓		Plains All American Pipeline								
4	12604539-MW-5-20250423		10:45	GW	Ice	3	✓										
5	12604539-MW-13-20250423		13:50	GW	Ice	3	✓										
6	12604539-MW-14-20250423		12:55	GW	Ice	3	✓										
7	12604539-MW-1-20250423		10:05	GW	Ice	3	✓										
8	12604539-MW-6-20250423		11:55	GW	Ice	3	✓										
9	12604539-MW-8-20250423		12:05	GW	Ice	3	✓										
10	12604539-MW-9-20250423	04-23-25	14:40	GW	Ice	3	✓										

Sampler(s) Please Print & Sign: Jauro Flores [signature] Kyle Miller

Shipment Method:

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

Results Due Date:

	Date	Time		
Relinquished by: [signature]	04-24-25	17:30	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory): [signature] 04/25/2025 09:00	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: 12604539- Chevron Grayburg 6-Inch Sec. 6 (Historical)

Cooler ID	Cooler Temp.
53481	3.1

QC Package: (Check One Box Below)
[X] Level II Std QC
[ ] Level III Std QC/Raw Date
[ ] 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

IR34 CF0.0

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

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

Chain of Custody For

Page 2 of 2

COC ID: 341603

HS25041443

GHDHouston

Chevron Grayburg 6-Inch Sec. 6 (Historical)

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	SRS Chevron Grayburg 6-Inch Hi	Project Name	Chevron Grayburg 6-Inch Sec. 6 (H	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	SRS Chevron Grayburg 6-Inch Histo	B	
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C	
Send Report To	Adrianna Copeland	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	Adrianna.Copeland@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	12604539-MW-10-20250423	04-23-25	13:40	GW	Ice	3	✓										
2	12604539-MW-11-20250423	1	13:15	GW	Ice	3	✓		Bill Direct to:								
3	12604539-Dup-1-20250423	04-23-25	—	GW	Ice	3	✓		Plains All American Pipeline LP								
4	Trip Blank						✓										
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Jaime Flores Kyle Miller

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: 4-24-25	Time: 17:30	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory): 04/25/2025 09:00	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: 12604539- Chevron Grayburg 6-Inch Sec. 6 (Historical)

Cooler ID	Cooler Temp.
53788	3.7

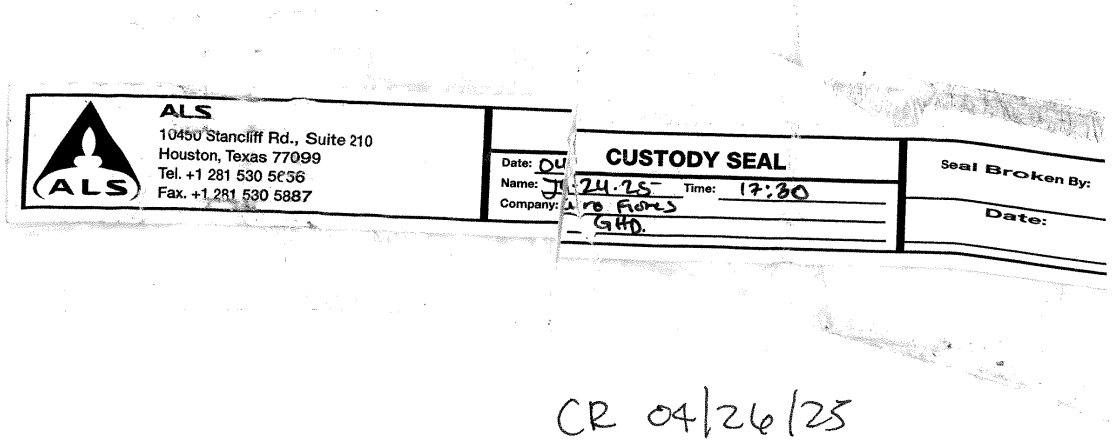
QC Package: (Check One Box Below)

- ☒ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other
- ☐ TRRP Checklist
- ☐ TRRP Level IV

IR34 cf 0.0

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.



CR 04/26/25

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

June 18, 2025

Adrianna Copeland
GHDHouston
11451 Katy Freeway
Suite 400
Houston, TX 77079

Work Order: **HS25060623**

Laboratory Results for: **Chevron Grayburg 6-Inch Sec. 6 (Historical)**

Dear Adrianna Copeland,

ALS Environmental received 15 sample(s) on Jun 12, 2025 for the analysis presented in the following report.

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

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

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

Sincerely,

Alexis Dorenbosch

Generated By: JUMOKE.LAWAL
Alexis Dorenbosch

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Work Order: HS25060623

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS25060623-01	12604539-MW-2-20250609	GW		09-Jun-2025 10:30	12-Jun-2025 09:20	☐
HS25060623-02	12604539-MW-3-20250609	GW		09-Jun-2025 11:30	12-Jun-2025 09:20	☐
HS25060623-03	12604539-MW-4-20250609	GW		09-Jun-2025 12:00	12-Jun-2025 09:20	☐
HS25060623-04	12604539-MW-5-20250609	GW		09-Jun-2025 09:45	12-Jun-2025 09:20	☐
HS25060623-05	12604539-MW-13-20250610	GW		10-Jun-2025 10:10	12-Jun-2025 09:20	☐
HS25060623-06	12604539-MW-14-20250610	GW		10-Jun-2025 10:40	12-Jun-2025 09:20	☐
HS25060623-07	12604539-MW-1-20250609	GW		09-Jun-2025 11:00	12-Jun-2025 09:20	☐
HS25060623-08	12604539-MW-6-20250610	GW		10-Jun-2025 11:30	12-Jun-2025 09:20	☐
HS25060623-09	12604539-MW-8-20250609	GW		09-Jun-2025 12:40	12-Jun-2025 09:20	☐
HS25060623-10	12604539-MW-9-20250610	GW		10-Jun-2025 11:36	12-Jun-2025 09:20	☐
HS25060623-11	12604539-MW-10-20250610	GW		10-Jun-2025 11:30	12-Jun-2025 09:20	☐
HS25060623-12	12604539-MW-11-20250609	GW		09-Jun-2025 15:20	12-Jun-2025 09:20	☐
HS25060623-13	12604539-MW-12-20250610	GW		10-Jun-2025 09:25	12-Jun-2025 09:20	☐
HS25060623-14	12604539-DUP-1-20250609	Water		09-Jun-2025 00:00	12-Jun-2025 09:20	☐
HS25060623-15	Trip Blank	Water	CG-050625-237	09-Jun-2025 00:00	12-Jun-2025 09:20	☐

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston **CASE NARRATIVE**
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Work Order: HS25060623

GCMS Volatiles by Method SW8260

Batch ID: R515652

Sample ID: LCS-250617

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

Batch ID: R515540

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

Batch ID: R515432

Sample ID: LCS-250615

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-2-20250609
Collection Date: 09-Jun-2025 10:30

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-01
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 12:51
Ethylbenzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 12:51
Toluene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 12:51
Xylenes, Total	< 0.0060		0.0060	mg/L	1	15-Jun-2025 12:51
Surr: 1,2-Dichloroethane-d4	*116*		*70-126*	*%REC*	*1*	*15-Jun-2025 12:51*
Surr: 4-Bromofluorobenzene	*107*		*77-113*	*%REC*	*1*	*15-Jun-2025 12:51*
Surr: Dibromofluoromethane	*114*		*77-123*	*%REC*	*1*	*15-Jun-2025 12:51*
Surr: Toluene-d8	*98.0*		*82-127*	*%REC*	*1*	*15-Jun-2025 12:51*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-3-20250609
Collection Date: 09-Jun-2025 11:30

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-02
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 13:15
Ethylbenzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 13:15
Toluene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 13:15
Xylenes, Total	< 0.0060		0.0060	mg/L	1	15-Jun-2025 13:15
Surr: 1,2-Dichloroethane-d4	*114*		*70-126*	*%REC*	*1*	*15-Jun-2025 13:15*
Surr: 4-Bromofluorobenzene	*112*		*77-113*	*%REC*	*1*	*15-Jun-2025 13:15*
Surr: Dibromofluoromethane	*112*		*77-123*	*%REC*	*1*	*15-Jun-2025 13:15*
Surr: Toluene-d8	*99.7*		*82-127*	*%REC*	*1*	*15-Jun-2025 13:15*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-4-20250609
Collection Date: 09-Jun-2025 12:00

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-03
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 13:38
Ethylbenzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 13:38
Toluene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 13:38
Xylenes, Total	< 0.0060		0.0060	mg/L	1	15-Jun-2025 13:38
Surr: 1,2-Dichloroethane-d4	*114*		*70-126*	*%REC*	*1*	*15-Jun-2025 13:38*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*15-Jun-2025 13:38*
Surr: Dibromofluoromethane	*112*		*77-123*	*%REC*	*1*	*15-Jun-2025 13:38*
Surr: Toluene-d8	*96.7*		*82-127*	*%REC*	*1*	*15-Jun-2025 13:38*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-5-20250609
Collection Date: 09-Jun-2025 09:45

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-04
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 14:02
Ethylbenzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 14:02
Toluene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 14:02
Xylenes, Total	< 0.0060		0.0060	mg/L	1	15-Jun-2025 14:02
Surr: 1,2-Dichloroethane-d4	*113*		*70-126*	*%REC*	*1*	*15-Jun-2025 14:02*
Surr: 4-Bromofluorobenzene	*111*		*77-113*	*%REC*	*1*	*15-Jun-2025 14:02*
Surr: Dibromofluoromethane	*111*		*77-123*	*%REC*	*1*	*15-Jun-2025 14:02*
Surr: Toluene-d8	*96.9*		*82-127*	*%REC*	*1*	*15-Jun-2025 14:02*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-13-20250610
Collection Date: 10-Jun-2025 10:10

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-05
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 14:25
Ethylbenzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 14:25
Toluene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 14:25
Xylenes, Total	< 0.0060		0.0060	mg/L	1	15-Jun-2025 14:25
Surr: 1,2-Dichloroethane-d4	*114*		*70-126*	*%REC*	*1*	*15-Jun-2025 14:25*
Surr: 4-Bromofluorobenzene	*108*		*77-113*	*%REC*	*1*	*15-Jun-2025 14:25*
Surr: Dibromofluoromethane	*111*		*77-123*	*%REC*	*1*	*15-Jun-2025 14:25*
Surr: Toluene-d8	*93.9*		*82-127*	*%REC*	*1*	*15-Jun-2025 14:25*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-14-20250610
Collection Date: 10-Jun-2025 10:40

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-06
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 14:49
Ethylbenzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 14:49
Toluene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 14:49
Xylenes, Total	< 0.0060		0.0060	mg/L	1	15-Jun-2025 14:49
Surr: 1,2-Dichloroethane-d4	*113*		*70-126*	*%REC*	*1*	*15-Jun-2025 14:49*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*15-Jun-2025 14:49*
Surr: Dibromofluoromethane	*112*		*77-123*	*%REC*	*1*	*15-Jun-2025 14:49*
Surr: Toluene-d8	*98.0*		*82-127*	*%REC*	*1*	*15-Jun-2025 14:49*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-1-20250609
Collection Date: 09-Jun-2025 11:00

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-07
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 15:12
Ethylbenzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 15:12
Toluene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 15:12
Xylenes, Total	< 0.0060		0.0060	mg/L	1	15-Jun-2025 15:12
Surr: 1,2-Dichloroethane-d4	*119*		*70-126*	*%REC*	*1*	*15-Jun-2025 15:12*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*15-Jun-2025 15:12*
Surr: Dibromofluoromethane	*117*		*77-123*	*%REC*	*1*	*15-Jun-2025 15:12*
Surr: Toluene-d8	*96.5*		*82-127*	*%REC*	*1*	*15-Jun-2025 15:12*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston **ANALYTICAL REPORT**
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical) WorkOrder:HS25060623
Sample ID: 12604539-MW-6-20250610 Lab ID:HS25060623-08
Collection Date: 10-Jun-2025 11:30 Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 15:36
Ethylbenzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 15:36
Toluene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 15:36
Xylenes, Total	< 0.0060		0.0060	mg/L	1	15-Jun-2025 15:36
Surr: 1,2-Dichloroethane-d4	*113*		*70-126*	*%REC*	*1*	*15-Jun-2025 15:36*
Surr: 4-Bromofluorobenzene	*107*		*77-113*	*%REC*	*1*	*15-Jun-2025 15:36*
Surr: Dibromofluoromethane	*111*		*77-123*	*%REC*	*1*	*15-Jun-2025 15:36*
Surr: Toluene-d8	*97.6*		*82-127*	*%REC*	*1*	*15-Jun-2025 15:36*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-8-20250609
Collection Date: 09-Jun-2025 12:40

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-09
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LC
Benzene	**0.26**		**0.020**	**mg/L**	10	17-Jun-2025 07:01
Ethylbenzene	**0.028**		**0.0020**	**mg/L**	1	15-Jun-2025 15:59
Toluene	**0.045**		**0.0020**	**mg/L**	1	15-Jun-2025 15:59
Xylenes, Total	**0.093**		**0.0060**	**mg/L**	1	15-Jun-2025 15:59
Surr: 1,2-Dichloroethane-d4	*118*		*70-126*	*%REC*	*1*	*15-Jun-2025 15:59*
Surr: 1,2-Dichloroethane-d4	*109*		*70-126*	*%REC*	*10*	*17-Jun-2025 07:01*
Surr: 4-Bromofluorobenzene	*110*		*77-113*	*%REC*	*1*	*15-Jun-2025 15:59*
Surr: 4-Bromofluorobenzene	*112*		*77-113*	*%REC*	*10*	*17-Jun-2025 07:01*
Surr: Dibromofluoromethane	*112*		*77-123*	*%REC*	*1*	*15-Jun-2025 15:59*
Surr: Dibromofluoromethane	*108*		*77-123*	*%REC*	*10*	*17-Jun-2025 07:01*
Surr: Toluene-d8	*99.3*		*82-127*	*%REC*	*1*	*15-Jun-2025 15:59*
Surr: Toluene-d8	*96.5*		*82-127*	*%REC*	*10*	*17-Jun-2025 07:01*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-9-20250610
Collection Date: 10-Jun-2025 11:36

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-10
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: FT
Benzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 16:22
Ethylbenzene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 16:22
Toluene	< 0.0020		0.0020	mg/L	1	15-Jun-2025 16:22
Xylenes, Total	< 0.0060		0.0060	mg/L	1	15-Jun-2025 16:22
Surr: 1,2-Dichloroethane-d4	*112*		*70-126*	*%REC*	*1*	*15-Jun-2025 16:22*
Surr: 4-Bromofluorobenzene	*110*		*77-113*	*%REC*	*1*	*15-Jun-2025 16:22*
Surr: Dibromofluoromethane	*111*		*77-123*	*%REC*	*1*	*15-Jun-2025 16:22*
Surr: Toluene-d8	*96.7*		*82-127*	*%REC*	*1*	*15-Jun-2025 16:22*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-10-20250610
Collection Date: 10-Jun-2025 11:30

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-11
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LC
Benzene	< 0.0020		0.0020	mg/L	1	17-Jun-2025 00:20
Ethylbenzene	< 0.0020		0.0020	mg/L	1	17-Jun-2025 00:20
Toluene	< 0.0020		0.0020	mg/L	1	17-Jun-2025 00:20
Xylenes, Total	< 0.0060		0.0060	mg/L	1	17-Jun-2025 00:20
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*17-Jun-2025 00:20*
Surr: 4-Bromofluorobenzene	*111*		*77-113*	*%REC*	*1*	*17-Jun-2025 00:20*
Surr: Dibromofluoromethane	*107*		*77-123*	*%REC*	*1*	*17-Jun-2025 00:20*
Surr: Toluene-d8	*95.9*		*82-127*	*%REC*	*1*	*17-Jun-2025 00:20*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-11-20250609
Collection Date: 09-Jun-2025 15:20

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-12
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LC
Benzene	< 0.0020		0.0020	mg/L	1	17-Jun-2025 00:44
Ethylbenzene	< 0.0020		0.0020	mg/L	1	17-Jun-2025 00:44
Toluene	< 0.0020		0.0020	mg/L	1	17-Jun-2025 00:44
Xylenes, Total	< 0.0060		0.0060	mg/L	1	17-Jun-2025 00:44
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*17-Jun-2025 00:44*
Surr: 4-Bromofluorobenzene	*110*		*77-113*	*%REC*	*1*	*17-Jun-2025 00:44*
Surr: Dibromofluoromethane	*108*		*77-123*	*%REC*	*1*	*17-Jun-2025 00:44*
Surr: Toluene-d8	*96.0*		*82-127*	*%REC*	*1*	*17-Jun-2025 00:44*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-12-20250610
Collection Date: 10-Jun-2025 09:25

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-13
Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LC
Benzene	**0.48**		**0.020**	**mg/L**	10	18-Jun-2025 05:54
Ethylbenzene	**0.046**		**0.0020**	**mg/L**	1	17-Jun-2025 01:07
Toluene	**0.065**		**0.0020**	**mg/L**	1	17-Jun-2025 01:07
Xylenes, Total	**0.048**		**0.0060**	**mg/L**	1	17-Jun-2025 01:07
Surr: 1,2-Dichloroethane-d4	*108*		*70-126*	*%REC*	*1*	*17-Jun-2025 01:07*
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*10*	*18-Jun-2025 05:54*
Surr: 4-Bromofluorobenzene	*110*		*77-113*	*%REC*	*1*	*17-Jun-2025 01:07*
Surr: 4-Bromofluorobenzene	*110*		*77-113*	*%REC*	*10*	*18-Jun-2025 05:54*
Surr: Dibromofluoromethane	*110*		*77-123*	*%REC*	*1*	*17-Jun-2025 01:07*
Surr: Dibromofluoromethane	*108*		*77-123*	*%REC*	*10*	*18-Jun-2025 05:54*
Surr: Toluene-d8	*98.1*		*82-127*	*%REC*	*1*	*17-Jun-2025 01:07*
Surr: Toluene-d8	*97.8*		*82-127*	*%REC*	*10*	*18-Jun-2025 05:54*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-DUP-1-20250609
Collection Date: 09-Jun-2025 00:00

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-14
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LC
Benzene	**0.25**		**0.010**	**mg/L**	5	18-Jun-2025 06:18
Ethylbenzene	**0.028**		**0.0020**	**mg/L**	1	17-Jun-2025 01:31
Toluene	**0.045**		**0.0020**	**mg/L**	1	17-Jun-2025 01:31
Xylenes, Total	**0.091**		**0.0060**	**mg/L**	1	17-Jun-2025 01:31
Surr: 1,2-Dichloroethane-d4	*110*		*70-126*	*%REC*	*1*	*17-Jun-2025 01:31*
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*5*	*18-Jun-2025 06:18*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*17-Jun-2025 01:31*
Surr: 4-Bromofluorobenzene	*110*		*77-113*	*%REC*	*5*	*18-Jun-2025 06:18*
Surr: Dibromofluoromethane	*108*		*77-123*	*%REC*	*1*	*17-Jun-2025 01:31*
Surr: Dibromofluoromethane	*110*		*77-123*	*%REC*	*5*	*18-Jun-2025 06:18*
Surr: Toluene-d8	*99.4*		*82-127*	*%REC*	*1*	*17-Jun-2025 01:31*
Surr: Toluene-d8	*96.4*		*82-127*	*%REC*	*5*	*18-Jun-2025 06:18*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: Trip Blank
Collection Date: 09-Jun-2025 00:00

ANALYTICAL REPORT
WorkOrder:HS25060623
Lab ID:HS25060623-15
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LC
Benzene	< 0.0020		0.0020	mg/L	1	16-Jun-2025 23:57
Ethylbenzene	< 0.0020		0.0020	mg/L	1	16-Jun-2025 23:57
Toluene	< 0.0020		0.0020	mg/L	1	16-Jun-2025 23:57
Xylenes, Total	< 0.0060		0.0060	mg/L	1	16-Jun-2025 23:57
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*1*	*16-Jun-2025 23:57*
Surr: 4-Bromofluorobenzene	*113*		*77-113*	*%REC*	*1*	*16-Jun-2025 23:57*
Surr: Dibromofluoromethane	*105*		*77-123*	*%REC*	*1*	*16-Jun-2025 23:57*
Surr: Toluene-d8	*97.2*		*82-127*	*%REC*	*1*	*16-Jun-2025 23:57*

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

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25060623

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R515432 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** GW	
HS25060623-01	12604539-MW-2-20250609	09 Jun 2025 10:30			15 Jun 2025 12:51	1
HS25060623-02	12604539-MW-3-20250609	09 Jun 2025 11:30			15 Jun 2025 13:15	1
HS25060623-03	12604539-MW-4-20250609	09 Jun 2025 12:00			15 Jun 2025 13:38	1
HS25060623-04	12604539-MW-5-20250609	09 Jun 2025 09:45			15 Jun 2025 14:02	1
HS25060623-05	12604539-MW-13-20250610	10 Jun 2025 10:10			15 Jun 2025 14:25	1
HS25060623-06	12604539-MW-14-20250610	10 Jun 2025 10:40			15 Jun 2025 14:49	1
HS25060623-07	12604539-MW-1-20250609	09 Jun 2025 11:00			15 Jun 2025 15:12	1
HS25060623-08	12604539-MW-6-20250610	10 Jun 2025 11:30			15 Jun 2025 15:36	1
HS25060623-09	12604539-MW-8-20250609	09 Jun 2025 12:40			15 Jun 2025 15:59	1
HS25060623-10	12604539-MW-9-20250610	10 Jun 2025 11:36			15 Jun 2025 16:22	1
Batch ID: R515540 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS25060623-14	12604539-DUP-1-20250609	09 Jun 2025 00:00			17 Jun 2025 01:31	1
HS25060623-15	Trip Blank	09 Jun 2025 00:00			16 Jun 2025 23:57	1
Batch ID: R515540 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** GW	
HS25060623-09	12604539-MW-8-20250609	09 Jun 2025 12:40			17 Jun 2025 07:01	10
HS25060623-11	12604539-MW-10-20250610	10 Jun 2025 11:30			17 Jun 2025 00:20	1
HS25060623-12	12604539-MW-11-20250609	09 Jun 2025 15:20			17 Jun 2025 00:44	1
HS25060623-13	12604539-MW-12-20250610	10 Jun 2025 09:25			17 Jun 2025 01:07	1
Batch ID: R515652 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS25060623-14	12604539-DUP-1-20250609	09 Jun 2025 00:00			18 Jun 2025 06:18	5
Batch ID: R515652 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** GW	
HS25060623-13	12604539-MW-12-20250610	10 Jun 2025 09:25			18 Jun 2025 05:54	10

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25060623

QC BATCH REPORT

Batch ID: R515432 (0) **Instrument: VOA13** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-250615** Units: **ug/L** Analysis Date: **15-Jun-2025 08:33**
Client ID: Run ID: **VOA13_515432** SeqNo: **8889291** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	< 2.0	2.0								
Ethylbenzene	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 6.0	6.0								
Surr: 1,2-Dichloroethane-d4	*56.36*	*1.0*	*50*	*0*	*113*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*53.21*	*1.0*	*50*	*0*	*106*	*77 - 113*				
Surr: Dibromofluoromethane	*56.31*	*1.0*	*50*	*0*	*113*	*73 - 126*				
Surr: Toluene-d8	*49.32*	*1.0*	*50*	*0*	*98.6*	*81 - 120*				

LCS Sample ID: **LCS-250615** Units: **ug/L** Analysis Date: **15-Jun-2025 07:23**
Client ID: Run ID: **VOA13_515432** SeqNo: **8889289** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	23.82	2.0	20	0	119	74 - 120				
Ethylbenzene	19.33	2.0	20	0	96.7	77 - 117				
Toluene	19.98	2.0	20	0	99.9	77 - 118				
Xylenes, Total	55.07	6.0	60	0	91.8	75 - 122				
Surr: 1,2-Dichloroethane-d4	*55.29*	*1.0*	*50*	*0*	*111*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*53.92*	*1.0*	*50*	*0*	*108*	*77 - 113*				
Surr: Dibromofluoromethane	*55.79*	*1.0*	*50*	*0*	*112*	*73 - 126*				
Surr: Toluene-d8	*47.95*	*1.0*	*50*	*0*	*95.9*	*81 - 120*				

LCSD Sample ID: **LCSD-250615** Units: **ug/L** Analysis Date: **15-Jun-2025 07:47**
Client ID: Run ID: **VOA13_515432** SeqNo: **8889290** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	22.46	2.0	20	0	112	74 - 120	23.82	5.88	20	
Ethylbenzene	18.27	2.0	20	0	91.3	77 - 117	19.33	5.65	20	
Toluene	19.53	2.0	20	0	97.7	77 - 118	19.98	2.27	20	
Xylenes, Total	55.67	6.0	60	0	92.8	75 - 122	55.07	1.09	20	
Surr: 1,2-Dichloroethane-d4	*55.49*	*1.0*	*50*	*0*	*111*	*70 - 123*	*55.29*	*0.366*	*20*	
Surr: 4-Bromofluorobenzene	*54.24*	*1.0*	*50*	*0*	*108*	*77 - 113*	*53.92*	*0.582*	*20*	
Surr: Dibromofluoromethane	*52.25*	*1.0*	*50*	*0*	*105*	*73 - 126*	*55.79*	*6.55*	*20*	
Surr: Toluene-d8	*50*	*1.0*	*50*	*0*	*100.0*	*81 - 120*	*47.95*	*4.17*	*20*	

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25060623

QC BATCH REPORT

Batch ID: R515432 (0) **Instrument: VOA13** **Method: LOW LEVEL VOLATILES BY SW8260C**

The following samples were analyzed in this batch:

HS25060623-01	HS25060623-02	HS25060623-03	HS25060623-04
HS25060623-05	HS25060623-06	HS25060623-07	HS25060623-08
HS25060623-09	HS25060623-10		

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25060623

QC BATCH REPORT

Batch ID: R515540 (0) **Instrument: VOA13** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-250616** Units: **ug/L** Analysis Date: **16-Jun-2025 23:10**
Client ID: Run ID: **VOA13_515540** SeqNo: **8891602** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	< 2.0	2.0								
Ethylbenzene	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 6.0	6.0								
Surr: 1,2-Dichloroethane-d4	*52.95*	*1.0*	*50*	*0*	*106*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*53.2*	*1.0*	*50*	*0*	*106*	*77 - 113*				
Surr: Dibromofluoromethane	*53.38*	*1.0*	*50*	*0*	*107*	*73 - 126*				
Surr: Toluene-d8	*48.58*	*1.0*	*50*	*0*	*97.2*	*81 - 120*				

LCS Sample ID: **LCS-250616** Units: **ug/L** Analysis Date: **16-Jun-2025 22:00**
Client ID: Run ID: **VOA13_515540** SeqNo: **8891600** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.51	2.0	20	0	108	74 - 120				
Ethylbenzene	17.28	2.0	20	0	86.4	77 - 117				
Toluene	18.78	2.0	20	0	93.9	77 - 118				
Xylenes, Total	51.18	6.0	60	0	85.3	75 - 122				
Surr: 1,2-Dichloroethane-d4	*52.58*	*1.0*	*50*	*0*	*105*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*56.39*	*1.0*	*50*	*0*	*113*	*77 - 113*				
Surr: Dibromofluoromethane	*53.6*	*1.0*	*50*	*0*	*107*	*73 - 126*				
Surr: Toluene-d8	*48.82*	*1.0*	*50*	*0*	*97.6*	*81 - 120*				

LCSD Sample ID: **LCSD-250616** Units: **ug/L** Analysis Date: **16-Jun-2025 22:24**
Client ID: Run ID: **VOA13_515540** SeqNo: **8891601** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	22.08	2.0	20	0	110	74 - 120	21.51	2.65	20	
Ethylbenzene	18.1	2.0	20	0	90.5	77 - 117	17.28	4.63	20	
Toluene	19.57	2.0	20	0	97.8	77 - 118	18.78	4.13	20	
Xylenes, Total	51.93	6.0	60	0	86.6	75 - 122	51.18	1.45	20	
Surr: 1,2-Dichloroethane-d4	*51.85*	*1.0*	*50*	*0*	*104*	*70 - 123*	*52.58*	*1.38*	*20*	
Surr: 4-Bromofluorobenzene	*54.06*	*1.0*	*50*	*0*	*108*	*77 - 113*	*56.39*	*4.21*	*20*	
Surr: Dibromofluoromethane	*50.59*	*1.0*	*50*	*0*	*101*	*73 - 126*	*53.6*	*5.79*	*20*	
Surr: Toluene-d8	*49.09*	*1.0*	*50*	*0*	*98.2*	*81 - 120*	*48.82*	*0.564*	*20*	

ALS Houston, US Date: 18-Jun-25

Client:	GHDHouston
Project:	Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder:	HS25060623

QC BATCH REPORT

Batch ID:	**R515540 (0)**	**Instrument:**	**VOA13**	**Method:**	**LOW LEVEL VOLATILES BY SW8260C**

The following samples were analyzed in this batch:	HS25060623-09	HS25060623-11	HS25060623-12	HS25060623-13
	HS25060623-14	HS25060623-15		

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25060623

QC BATCH REPORT

Batch ID: R515652 (0) **Instrument: VOA13** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-250617** Units: **ug/L** Analysis Date: **17-Jun-2025 22:22**
Client ID: Run ID: **VOA13_515652** SeqNo: **8894022** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	< 2.0	2.0								
Surr: 1,2-Dichloroethane-d4	*55.66*	*1.0*	*50*	*0*	*111*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*53.95*	*1.0*	*50*	*0*	*108*	*77 - 113*				
Surr: Dibromofluoromethane	*57.58*	*1.0*	*50*	*0*	*115*	*73 - 126*				
Surr: Toluene-d8	*49.23*	*1.0*	*50*	*0*	*98.5*	*81 - 120*				

LCS Sample ID: **LCS-250617** Units: **ug/L** Analysis Date: **17-Jun-2025 21:11**
Client ID: Run ID: **VOA13_515652** SeqNo: **8894027** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	22.28	2.0	20	0	111	74 - 120				
Surr: 1,2-Dichloroethane-d4	*57.91*	*1.0*	*50*	*0*	*116*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*53.38*	*1.0*	*50*	*0*	*107*	*77 - 113*				
Surr: Dibromofluoromethane	*56.33*	*1.0*	*50*	*0*	*113*	*73 - 126*				
Surr: Toluene-d8	*49.16*	*1.0*	*50*	*0*	*98.3*	*81 - 120*				

LCSD Sample ID: **LCSD-250617** Units: **ug/L** Analysis Date: **17-Jun-2025 21:35**
Client ID: Run ID: **VOA13_515652** SeqNo: **8894028** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	23.3	2.0	20	0	116	74 - 120	22.28	4.47	20	
Surr: 1,2-Dichloroethane-d4	*56.82*	*1.0*	*50*	*0*	*114*	*70 - 123*	*57.91*	*1.9*	*20*	
Surr: 4-Bromofluorobenzene	*54.48*	*1.0*	*50*	*0*	*109*	*77 - 113*	*53.38*	*2.04*	*20*	
Surr: Dibromofluoromethane	*55*	*1.0*	*50*	*0*	*110*	*73 - 126*	*56.33*	*2.39*	*20*	
Surr: Toluene-d8	*49.52*	*1.0*	*50*	*0*	*99.0*	*81 - 120*	*49.16*	*0.709*	*20*	

The following samples were analyzed in this batch: HS25060623-13 HS25060623-14

ALS Houston, US Date: 18-Jun-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: **HS25060623**

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-2026
Arkansas	88-00356_2024	17-Mar-2026
California	2919 - 2025	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Dept of Defense	L24-240	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043-2025	30-Apr-2026
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Maryland	343 - 2025	30-Jun-2025
Minnesota	2856348	31-Dec-2025
Missouri	136	30-Sep-2026
Nebraska	NE-OS-25-13 - 2025	30-Apr-2026
Nevada	NV-C24-00224 / 2024	31-Jul-2025
New Hampshire	209425	24-Apr-2026
New Jersey	TX008-2025	30-Jun-2026
New York	11707 - 2025	01-Apr-2026
North Carolina	624 - 2024	31-Dec-2025
North Dakota	R-193 2023-2024	30-Sep-2025
Oklahoma	2023-140	31-Aug-2025
Oregon	TX200002-013	15-May-2026
Pennsylvania	019	01-Jul-2026
Tennessee	TN	30-Apr-2026
Texas	T104704231 TX-C24-00130	30-Apr-2026
Utah	TX026932023-14	31-Jul-2025

ALS Houston, US Date: 18-Jun-25

Sample Receipt Checklist

Work Order ID: HS25060623 **Date/Time Received:** 12-Jun-2025 09:20

Client Name: GHDHouston **Received by:** Edgar Zheku

Completed By: /S/ Kaycee Rogers 13-Jun-2025 00:35 **Reviewed by:** /S/ Beverly Mustafa 13-Jun-2025 09:52

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:340056, 340057
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.7UC/3.7C		IR 34
Cooler(s)/Kit(s):	51025		
Date/Time sample(s) sent to storage:	06/13/2025 0035		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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

Chain of Custody Forr

Page 1 of 2

COC ID: 340056

HS25060623

GHDHouston

Chevron Grayburg 6-Inch Sec. 6 (Historical)

8260_LL_W (8260 BTEX)

ALS Project Manager:

Customer Information		Project Information		
Purchase Order	SRS Chevron Grayburg 6-Inch Hi	Project Name	Chevron Grayburg 6-Inch Sec. 6 (H	A
Work Order		Project Number	SRS Chevron Grayburg 6-Inch Histo	B
Company Name	GHD	Bill To Company	Plains All American Pipeline LP	C
Send Report To	Adrianna Copeland	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	Adrianna.Copeland@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	12604539-MW-2-20250609	06-9-25	10:30	GW	Ice	3	✓										
2	12604539-MW-3-20250609	06-9-25	11:30	GW	Ice	3	✓										
3	12604539-MW-4-20250609	06-9-25	12:00	GW	Ice	3	✓										
4	12604539-MW-5-20250609	06-9-25	09:45	GW	Ice	3	✓										
5	12604539-MW-13-20250610	06-10-25	10:10	GW	Ice	3	✓										
6	12604539-MW-14-20250610	06-10-25	10:40	GW	Ice	3	✓										
7	12604539-MW-1-20250609	06-9-25	11:00	GW	Ice	3	✓										
8	12604539-MW-6-20250610	06-10-25	11:30	GW	Ice	3	✓										
9	12604539-MW-8-20250609	06-9-25	12:40	GW	Ice	3	✓										
10	12604539-MW-9-20250610	06-10-25	11:36	GW	Ice	3	✓										

Bill Direct To Plains All American Pipeline

SRS: # Chevron Grayburg 6inch Historical

Sampler(s) Please Print & Sign: Jairo Flores, Kyle Miller	Shipment Method	Required Turnaround Time: (Check Box) [X] STD 10 Wk Days [ ] 5 Wk Days [ ] 2 Wk Days [ ] 24 Hour [ ] Other	Results Due Date:		
Relinquished by: Jairo F	Date: 06-10-25	Time: 17:20	Received by:	Notes: 12604539- Chevron Grayburg 6-Inch Sec. 6 (Historical)	
Relinquished by:	Date:	Time:	Received by (Laboratory): 06/12/25 09:20	Cooler ID: S1025	Cooler Temp.: 3.7
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):		

QC Package: (Check One Box Below)
[X] Level II Std QC
[ ] Level III Std QC/Raw Data
[ ] Level IV SVM8/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

IR34 CF0.0

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.

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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: 340057

HS25060623

GHDHouston

Chevron Grayburg 6-Inch Sec. 6 (Historical)

ALS Project Manager:

Customer Information		Project Information		
Purchase Order	SRS Chevron Grayburg 6-Inch Hi	Project Name	Chevron Grayburg 6-Inch Sec. 6 (H	A
Work Order		Project Number	SRS Chevron Grayburg 6-Inch Histo	B
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C
Send Report To	Adrianna Copeland	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	Adrianna.Copeland@ghd.com	e-Mail Address	Karolanne.hudgens@plains.com	J

8260_LL_W (8260 BTEX)

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	12604539-MW-10-20250610	06-10-25	11:30	GW	Ice	3	✓										
2	12604539-MW-11-20250609	06-9-25	15:20	GW	Ice	3	✓										
3	12604539-MW-12-20250610	06-10-25	09:25	GW	Ice	3	✓										
4	12604539-DUP-1-20250609	06-9-25	—	GW	Ice	3	✓										
5	Trip Blank						✓										
6																	
7																	
8																	
9																	
10																	

Bill Direct to:
Plains All American pipeline.

SRS#: Chevron Grayburg 6-inch Historical.

Sampler(s) Please Print & Sign: Jairo Flores, Kyle Miller

Shipment Method:

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

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
Jairo F.	06-10-25	17:20	
Relinquished by:	Date:	Time:	Received by (Laboratory): 06/12/25 09:20
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: 12604539- Chevron Grayburg 6-Inch Sec. 6 (Historical)

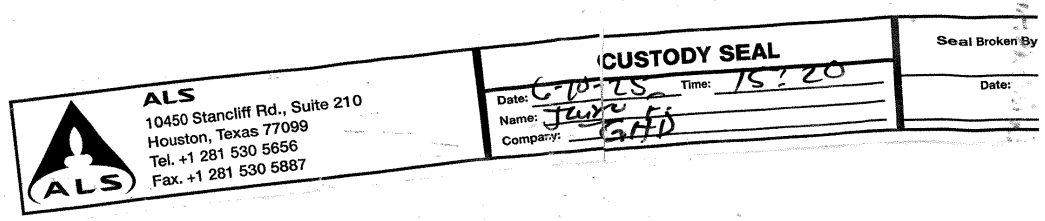
Cooler ID	Cooler Temp.

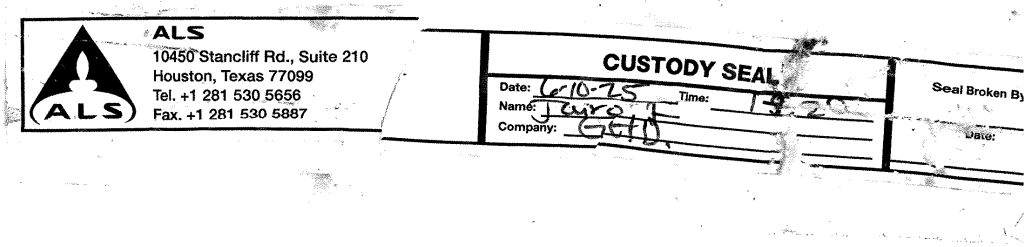
QC Package: (Check One Box Below)

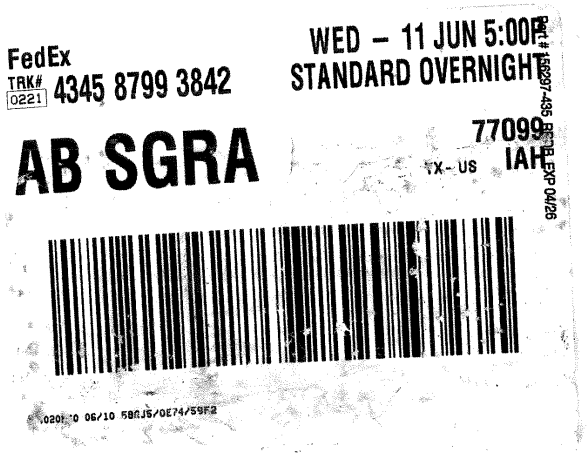
- [X] Level II Std QC
- [ ] Level III Std QC/Raw Data
- [ ] Level IV SW846/CLP
- [ ] Other
- [ ] TRRP Checklist
- [ ] TRRP Level IV

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

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.







CR 06/12/25

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

September 29, 2025

Adrianna Copeland
GHDHouston
11451 Katy Freeway
Suite 400
Houston, TX 77079

Work Order: **HS25091081**

Laboratory Results for: **Chevron Grayburg 6-Inch Sec. 6 (Historical)**

Dear Adrianna Copeland,

ALS Environmental received 15 sample(s) on Sep 24, 2025 for the analysis presented in the following report.

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

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

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

Sincerely,

Alexis Dorenbosch

Generated By: DAYNA.FISHER
Alexis Dorenbosch
Project Manager

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Work Order: HS25091081

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS25091081-01	12604539-MW-2-20250922	Groundwater		22-Sep-2025 10:55	24-Sep-2025 09:35	☐
HS25091081-02	12604539-MW-3-20250922	Groundwater		22-Sep-2025 12:45	24-Sep-2025 09:35	☐
HS25091081-03	12604539-MW-4-20250922	Groundwater		22-Sep-2025 10:40	24-Sep-2025 09:35	☐
HS25091081-04	12604539-MW-5-20250922	Groundwater		22-Sep-2025 12:00	24-Sep-2025 09:35	☐
HS25091081-05	12604539-MW-1-20250922	Groundwater		22-Sep-2025 10:00	24-Sep-2025 09:35	☐
HS25091081-06	12604539-MW-8-20250922	Groundwater		22-Sep-2025 11:50	24-Sep-2025 09:35	☐
HS25091081-07	12604539-MW-9-20250922	Groundwater		22-Sep-2025 13:30	24-Sep-2025 09:35	☐
HS25091081-08	12604539-MW-10-20250922	Groundwater		22-Sep-2025 13:55	24-Sep-2025 09:35	☐
HS25091081-09	12604539-MW-12-20250922	Groundwater		22-Sep-2025 12:46	24-Sep-2025 09:35	☐
HS25091081-10	12604539-MW-14-20250923	Groundwater		23-Sep-2025 11:30	24-Sep-2025 09:35	☐
HS25091081-11	12604539-MW-6-20250923	Groundwater		23-Sep-2025 10:13	24-Sep-2025 09:35	☐
HS25091081-12	12604539-MW-11-20250923	Groundwater		23-Sep-2025 08:34	24-Sep-2025 09:35	☐
HS25091081-13	12604539-MW-13-20250923	Groundwater		23-Sep-2025 10:55	24-Sep-2025 09:35	☐
HS25091081-14	12604539-DUP-1-20250922	Groundwater		22-Sep-2025 00:00	24-Sep-2025 09:35	☐
HS25091081-15	Trip Blank CG-081225-054	Water		22-Sep-2025 00:00	24-Sep-2025 09:35	☐

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston **CASE NARRATIVE**
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Work Order: HS25091081

GCMS Volatiles by Method SW8260

Batch ID: R522677

Sample ID: 12604539-DUP-1-20250922 (HS25091081-14)

- Lowest possible dilution due to sample matrix.

Batch ID: R522623,R522733

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

Batch ID: R522585

Sample ID: LCS

- Not enough sample vials are received to perform MS/MSD. LCS and LCSD are provided to meet QC requirements,

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-2-20250922
Collection Date: 22-Sep-2025 10:55

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-01
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	25-Sep-2025 15:58
Ethylbenzene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 15:58
Toluene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 15:58
Xylenes, Total	< 0.0060		0.0060	mg/L	1	25-Sep-2025 15:58
Surr: 1,2-Dichloroethane-d4	*92.9*		*70-126*	*%REC*	*1*	*25-Sep-2025 15:58*
Surr: 4-Bromofluorobenzene	*96.1*		*77-113*	*%REC*	*1*	*25-Sep-2025 15:58*
Surr: Dibromofluoromethane	*97.1*		*77-123*	*%REC*	*1*	*25-Sep-2025 15:58*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*25-Sep-2025 15:58*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-3-20250922
Collection Date: 22-Sep-2025 12:45

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-02
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	25-Sep-2025 16:20
Ethylbenzene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 16:20
Toluene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 16:20
Xylenes, Total	< 0.0060		0.0060	mg/L	1	25-Sep-2025 16:20
Surr: 1,2-Dichloroethane-d4	*94.8*		*70-126*	*%REC*	*1*	*25-Sep-2025 16:20*
Surr: 4-Bromofluorobenzene	*101*		*77-113*	*%REC*	*1*	*25-Sep-2025 16:20*
Surr: Dibromofluoromethane	*97.7*		*77-123*	*%REC*	*1*	*25-Sep-2025 16:20*
Surr: Toluene-d8	*105*		*82-127*	*%REC*	*1*	*25-Sep-2025 16:20*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-4-20250922
Collection Date: 22-Sep-2025 10:40

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**0.0018**		**0.0010**	**mg/L**	1	25-Sep-2025 16:42
Ethylbenzene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 16:42
Toluene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 16:42
Xylenes, Total	< 0.0060		0.0060	mg/L	1	25-Sep-2025 16:42
Surr: 1,2-Dichloroethane-d4	*95.0*		*70-126*	*%REC*	*1*	*25-Sep-2025 16:42*
Surr: 4-Bromofluorobenzene	*102*		*77-113*	*%REC*	*1*	*25-Sep-2025 16:42*
Surr: Dibromofluoromethane	*99.9*		*77-123*	*%REC*	*1*	*25-Sep-2025 16:42*
Surr: Toluene-d8	*99.7*		*82-127*	*%REC*	*1*	*25-Sep-2025 16:42*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-5-20250922
Collection Date: 22-Sep-2025 12:00

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-04
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	25-Sep-2025 17:03
Ethylbenzene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 17:03
Toluene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 17:03
Xylenes, Total	< 0.0060		0.0060	mg/L	1	25-Sep-2025 17:03
Surr: 1,2-Dichloroethane-d4	*92.4*		*70-126*	*%REC*	*1*	*25-Sep-2025 17:03*
Surr: 4-Bromofluorobenzene	*100*		*77-113*	*%REC*	*1*	*25-Sep-2025 17:03*
Surr: Dibromofluoromethane	*95.7*		*77-123*	*%REC*	*1*	*25-Sep-2025 17:03*
Surr: Toluene-d8	*102*		*82-127*	*%REC*	*1*	*25-Sep-2025 17:03*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-1-20250922
Collection Date: 22-Sep-2025 10:00

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**0.0026**		**0.0010**	**mg/L**	1	25-Sep-2025 17:25
Ethylbenzene	**0.0040**		**0.0020**	**mg/L**	1	25-Sep-2025 17:25
Toluene	**0.0079**		**0.0020**	**mg/L**	1	25-Sep-2025 17:25
Xylenes, Total	**0.012**		**0.0060**	**mg/L**	1	25-Sep-2025 17:25
Surr: 1,2-Dichloroethane-d4	*94.6*		*70-126*	*%REC*	*1*	*25-Sep-2025 17:25*
Surr: 4-Bromofluorobenzene	*97.2*		*77-113*	*%REC*	*1*	*25-Sep-2025 17:25*
Surr: Dibromofluoromethane	*97.6*		*77-123*	*%REC*	*1*	*25-Sep-2025 17:25*
Surr: Toluene-d8	*99.5*		*82-127*	*%REC*	*1*	*25-Sep-2025 17:25*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-8-20250922
Collection Date: 22-Sep-2025 11:50

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**0.60**		**0.010**	**mg/L**	10	26-Sep-2025 13:20
Ethylbenzene	**0.018**		**0.0020**	**mg/L**	1	25-Sep-2025 17:47
Toluene	**0.25**		**0.020**	**mg/L**	10	26-Sep-2025 13:20
Xylenes, Total	**0.20**		**0.0060**	**mg/L**	1	25-Sep-2025 17:47
Surr: 1,2-Dichloroethane-d4	*95.9*		*70-126*	*%REC*	*1*	*25-Sep-2025 17:47*
Surr: 1,2-Dichloroethane-d4	*98.6*		*70-126*	*%REC*	*10*	*26-Sep-2025 13:20*
Surr: 4-Bromofluorobenzene	*94.6*		*77-113*	*%REC*	*1*	*25-Sep-2025 17:47*
Surr: 4-Bromofluorobenzene	*95.3*		*77-113*	*%REC*	*10*	*26-Sep-2025 13:20*
Surr: Dibromofluoromethane	*93.1*		*77-123*	*%REC*	*1*	*25-Sep-2025 17:47*
Surr: Dibromofluoromethane	*99.3*		*77-123*	*%REC*	*10*	*26-Sep-2025 13:20*
Surr: Toluene-d8	*99.8*		*82-127*	*%REC*	*1*	*25-Sep-2025 17:47*
Surr: Toluene-d8	*99.7*		*82-127*	*%REC*	*10*	*26-Sep-2025 13:20*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-9-20250922
Collection Date: 22-Sep-2025 13:30

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**0.0011**		**0.0010**	**mg/L**	1	27-Sep-2025 10:33
Ethylbenzene	< 0.0020		0.0020	mg/L	1	27-Sep-2025 10:33
Toluene	< 0.0020		0.0020	mg/L	1	27-Sep-2025 10:33
Xylenes, Total	< 0.0060		0.0060	mg/L	1	27-Sep-2025 10:33
Surr: 1,2-Dichloroethane-d4	*94.8*		*70-126*	*%REC*	*1*	*27-Sep-2025 10:33*
Surr: 4-Bromofluorobenzene	*96.6*		*77-113*	*%REC*	*1*	*27-Sep-2025 10:33*
Surr: Dibromofluoromethane	*95.8*		*77-123*	*%REC*	*1*	*27-Sep-2025 10:33*
Surr: Toluene-d8	*100*		*82-127*	*%REC*	*1*	*27-Sep-2025 10:33*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-10-20250922
Collection Date: 22-Sep-2025 13:55

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-08
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	25-Sep-2025 18:30
Ethylbenzene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 18:30
Toluene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 18:30
Xylenes, Total	< 0.0060		0.0060	mg/L	1	25-Sep-2025 18:30
Surr: 1,2-Dichloroethane-d4	*95.9*		*70-126*	*%REC*	*1*	*25-Sep-2025 18:30*
Surr: 4-Bromofluorobenzene	*99.2*		*77-113*	*%REC*	*1*	*25-Sep-2025 18:30*
Surr: Dibromofluoromethane	*97.5*		*77-123*	*%REC*	*1*	*25-Sep-2025 18:30*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*1*	*25-Sep-2025 18:30*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-12-20250922
Collection Date: 22-Sep-2025 12:46

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**0.71**		**0.010**	**mg/L**	10	26-Sep-2025 13:44
Ethylbenzene	**0.064**		**0.0020**	**mg/L**	1	25-Sep-2025 18:51
Toluene	**0.36**		**0.020**	**mg/L**	10	26-Sep-2025 13:44
Xylenes, Total	**0.079**		**0.0060**	**mg/L**	1	25-Sep-2025 18:51
Surr: 1,2-Dichloroethane-d4	*95.0*		*70-126*	*%REC*	*1*	*25-Sep-2025 18:51*
Surr: 1,2-Dichloroethane-d4	*95.4*		*70-126*	*%REC*	*10*	*26-Sep-2025 13:44*
Surr: 4-Bromofluorobenzene	*97.5*		*77-113*	*%REC*	*1*	*25-Sep-2025 18:51*
Surr: 4-Bromofluorobenzene	*99.2*		*77-113*	*%REC*	*10*	*26-Sep-2025 13:44*
Surr: Dibromofluoromethane	*97.0*		*77-123*	*%REC*	*1*	*25-Sep-2025 18:51*
Surr: Dibromofluoromethane	*99.7*		*77-123*	*%REC*	*10*	*26-Sep-2025 13:44*
Surr: Toluene-d8	*97.5*		*82-127*	*%REC*	*1*	*25-Sep-2025 18:51*
Surr: Toluene-d8	*101*		*82-127*	*%REC*	*10*	*26-Sep-2025 13:44*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-14-20250923
Collection Date: 23-Sep-2025 11:30

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-10
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-Sep-2025 00:25
Ethylbenzene	< 0.0020		0.0020	mg/L	1	26-Sep-2025 00:25
Toluene	< 0.0020		0.0020	mg/L	1	26-Sep-2025 00:25
Xylenes, Total	< 0.0060		0.0060	mg/L	1	26-Sep-2025 00:25
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*26-Sep-2025 00:25*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*1*	*26-Sep-2025 00:25*
Surr: Dibromofluoromethane	*103*		*77-123*	*%REC*	*1*	*26-Sep-2025 00:25*
Surr: Toluene-d8	*99.0*		*82-127*	*%REC*	*1*	*26-Sep-2025 00:25*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-6-20250923
Collection Date: 23-Sep-2025 10:13

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-11
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	26-Sep-2025 00:46
Ethylbenzene	< 0.0020		0.0020	mg/L	1	26-Sep-2025 00:46
Toluene	< 0.0020		0.0020	mg/L	1	26-Sep-2025 00:46
Xylenes, Total	< 0.0060		0.0060	mg/L	1	26-Sep-2025 00:46
Surr: 1,2-Dichloroethane-d4	*102*		*70-126*	*%REC*	*1*	*26-Sep-2025 00:46*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*26-Sep-2025 00:46*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*26-Sep-2025 00:46*
Surr: Toluene-d8	*97.2*		*82-127*	*%REC*	*1*	*26-Sep-2025 00:46*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-11-20250923
Collection Date: 23-Sep-2025 08:34

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**0.021**		**0.0010**	**mg/L**	1	26-Sep-2025 01:07
Ethylbenzene	< 0.0020		0.0020	mg/L	1	26-Sep-2025 01:07
Toluene	< 0.0020		0.0020	mg/L	1	26-Sep-2025 01:07
Xylenes, Total	< 0.0060		0.0060	mg/L	1	26-Sep-2025 01:07
Surr: 1,2-Dichloroethane-d4	*103*		*70-126*	*%REC*	*1*	*26-Sep-2025 01:07*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*1*	*26-Sep-2025 01:07*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*26-Sep-2025 01:07*
Surr: Toluene-d8	*98.5*		*82-127*	*%REC*	*1*	*26-Sep-2025 01:07*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-MW-13-20250923
Collection Date: 23-Sep-2025 10:55

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-13
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	26-Sep-2025 01:28
Ethylbenzene	< 0.0020		0.0020	mg/L	1	26-Sep-2025 01:28
Toluene	< 0.0020		0.0020	mg/L	1	26-Sep-2025 01:28
Xylenes, Total	< 0.0060		0.0060	mg/L	1	26-Sep-2025 01:28
Surr: 1,2-Dichloroethane-d4	*101*		*70-126*	*%REC*	*1*	*26-Sep-2025 01:28*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*26-Sep-2025 01:28*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*26-Sep-2025 01:28*
Surr: Toluene-d8	*98.6*		*82-127*	*%REC*	*1*	*26-Sep-2025 01:28*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 12604539-DUP-1-20250922
Collection Date: 22-Sep-2025 00:00

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: AKP
Benzene	**0.57**		**0.010**	**mg/L**	10	26-Sep-2025 14:08
Ethylbenzene	< 0.020		0.020	mg/L	10	26-Sep-2025 14:08
Toluene	**0.25**		**0.020**	**mg/L**	10	26-Sep-2025 14:08
Xylenes, Total	**0.19**		**0.060**	**mg/L**	10	26-Sep-2025 14:08
Surr: 1,2-Dichloroethane-d4	*96.0*		*70-126*	*%REC*	*10*	*26-Sep-2025 14:08*
Surr: 4-Bromofluorobenzene	*97.1*		*77-113*	*%REC*	*10*	*26-Sep-2025 14:08*
Surr: Dibromofluoromethane	*96.0*		*77-123*	*%REC*	*10*	*26-Sep-2025 14:08*
Surr: Toluene-d8	*99.6*		*82-127*	*%REC*	*10*	*26-Sep-2025 14:08*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: Trip Blank CG-081225-054
Collection Date: 22-Sep-2025 00:00

ANALYTICAL REPORT
WorkOrder:HS25091081
Lab ID:HS25091081-15
Matrix:Water

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	25-Sep-2025 23:43
Ethylbenzene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 23:43
Toluene	< 0.0020		0.0020	mg/L	1	25-Sep-2025 23:43
Xylenes, Total	< 0.0060		0.0060	mg/L	1	25-Sep-2025 23:43
Surr: 1,2-Dichloroethane-d4	*103*		*70-126*	*%REC*	*1*	*25-Sep-2025 23:43*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*25-Sep-2025 23:43*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*25-Sep-2025 23:43*
Surr: Toluene-d8	*99.8*		*82-127*	*%REC*	*1*	*25-Sep-2025 23:43*

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

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25091081

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R522585 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS25091081-01	12604539-MW-2-20250922	22 Sep 2025 10:55			25 Sep 2025 15:58	1
HS25091081-02	12604539-MW-3-20250922	22 Sep 2025 12:45			25 Sep 2025 16:20	1
HS25091081-03	12604539-MW-4-20250922	22 Sep 2025 10:40			25 Sep 2025 16:42	1
HS25091081-04	12604539-MW-5-20250922	22 Sep 2025 12:00			25 Sep 2025 17:03	1
HS25091081-05	12604539-MW-1-20250922	22 Sep 2025 10:00			25 Sep 2025 17:25	1
HS25091081-06	12604539-MW-8-20250922	22 Sep 2025 11:50			25 Sep 2025 17:47	1
HS25091081-08	12604539-MW-10-20250922	22 Sep 2025 13:55			25 Sep 2025 18:30	1
HS25091081-09	12604539-MW-12-20250922	22 Sep 2025 12:46			25 Sep 2025 18:51	1
Batch ID: R522623 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS25091081-15	Trip Blank CG-081225-054	22 Sep 2025 00:00			25 Sep 2025 23:43	1
Batch ID: R522623 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS25091081-10	12604539-MW-14-20250923	23 Sep 2025 11:30			26 Sep 2025 00:25	1
HS25091081-11	12604539-MW-6-20250923	23 Sep 2025 10:13			26 Sep 2025 00:46	1
HS25091081-12	12604539-MW-11-20250923	23 Sep 2025 08:34			26 Sep 2025 01:07	1
HS25091081-13	12604539-MW-13-20250923	23 Sep 2025 10:55			26 Sep 2025 01:28	1
Batch ID: R522677 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS25091081-06	12604539-MW-8-20250922	22 Sep 2025 11:50			26 Sep 2025 13:20	10
HS25091081-09	12604539-MW-12-20250922	22 Sep 2025 12:46			26 Sep 2025 13:44	10
HS25091081-14	12604539-DUP-1-20250922	22 Sep 2025 00:00			26 Sep 2025 14:08	10
Batch ID: R522733 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS25091081-07	12604539-MW-9-20250922	22 Sep 2025 13:30			27 Sep 2025 10:33	1

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25091081

QC BATCH REPORT

Batch ID: R522585 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-250925** Units: **ug/L** Analysis Date: **25-Sep-2025 11:29**
Client ID: Run ID: **VOA7_522585** SeqNo: **9050536** 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	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 6.0	6.0								
Surr: 1,2-Dichloroethane-d4	*47.16*	*1.0*	*50*	*0*	*94.3*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*49.36*	*1.0*	*50*	*0*	*98.7*	*77 - 113*				
Surr: Dibromofluoromethane	*48.23*	*1.0*	*50*	*0*	*96.5*	*73 - 126*				
Surr: Toluene-d8	*50.83*	*1.0*	*50*	*0*	*102*	*81 - 120*				

LCS Sample ID: **LCS** Units: **ug/L** Analysis Date: **25-Sep-2025 19:13**
Client ID: Run ID: **VOA7_522585** SeqNo: **9051836** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.05	1.0	20	0	100	74 - 120				
Ethylbenzene	20.28	2.0	20	0	101	77 - 117				
Toluene	20.73	2.0	20	0	104	77 - 118				
Xylenes, Total	63.2	6.0	60	0	105	75 - 122				
Surr: 1,2-Dichloroethane-d4	*48.02*	*1.0*	*50*	*0*	*96.0*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*47.66*	*1.0*	*50*	*0*	*95.3*	*77 - 113*				
Surr: Dibromofluoromethane	*49.07*	*1.0*	*50*	*0*	*98.1*	*73 - 126*				
Surr: Toluene-d8	*50.5*	*1.0*	*50*	*0*	*101*	*81 - 120*				

LCSD Sample ID: **LCSD** Units: **ug/L** Analysis Date: **25-Sep-2025 19:35**
Client ID: Run ID: **VOA7_522585** SeqNo: **9051837** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.86	1.0	20	0	94.3	74 - 120	20.05	6.13	20	
Ethylbenzene	20.14	2.0	20	0	101	77 - 117	20.28	0.698	20	
Toluene	19.47	2.0	20	0	97.4	77 - 118	20.73	6.24	20	
Xylenes, Total	59.84	6.0	60	0	99.7	75 - 122	63.2	5.46	20	
Surr: 1,2-Dichloroethane-d4	*46.64*	*1.0*	*50*	*0*	*93.3*	*70 - 123*	*48.02*	*2.92*	*20*	
Surr: 4-Bromofluorobenzene	*48.43*	*1.0*	*50*	*0*	*96.9*	*77 - 113*	*47.66*	*1.6*	*20*	
Surr: Dibromofluoromethane	*48.1*	*1.0*	*50*	*0*	*96.2*	*73 - 126*	*49.07*	*1.99*	*20*	
Surr: Toluene-d8	*50.45*	*1.0*	*50*	*0*	*101*	*81 - 120*	*50.5*	*0.0991*	*20*	

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25091081

QC BATCH REPORT

Batch ID: R522585 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

The following samples were analyzed in this batch:

HS25091081-01	HS25091081-02	HS25091081-03	HS25091081-04
HS25091081-05	HS25091081-06	HS25091081-08	HS25091081-09

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25091081

QC BATCH REPORT

Batch ID: R522623 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-250925** Units: **ug/L** Analysis Date: **25-Sep-2025 22:41**
Client ID: Run ID: **VOA4_522623** SeqNo: **9051574** 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	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 6.0	6.0								
Surr: 1,2-Dichloroethane-d4	*51.2*	*1.0*	*50*	*0*	*102*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52.56*	*1.0*	*50*	*0*	*105*	*77 - 113*				
Surr: Dibromofluoromethane	*51.5*	*1.0*	*50*	*0*	*103*	*73 - 126*				
Surr: Toluene-d8	*49.36*	*1.0*	*50*	*0*	*98.7*	*81 - 120*				

LCS Sample ID: **LCS-250925** Units: **ug/L** Analysis Date: **25-Sep-2025 21:38**
Client ID: Run ID: **VOA4_522623** SeqNo: **9051580** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.52	1.0	20	0	97.6	74 - 120				
Ethylbenzene	19.13	2.0	20	0	95.7	77 - 117				
Toluene	19.03	2.0	20	0	95.1	77 - 118				
Xylenes, Total	58.19	6.0	60	0	97.0	75 - 122				
Surr: 1,2-Dichloroethane-d4	*52.63*	*1.0*	*50*	*0*	*105*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*50.86*	*1.0*	*50*	*0*	*102*	*77 - 113*				
Surr: Dibromofluoromethane	*50.67*	*1.0*	*50*	*0*	*101*	*73 - 126*				
Surr: Toluene-d8	*49.76*	*1.0*	*50*	*0*	*99.5*	*81 - 120*				

LCSD Sample ID: **LCSD-250925** Units: **ug/L** Analysis Date: **25-Sep-2025 21:59**
Client ID: Run ID: **VOA4_522623** SeqNo: **9051581** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.42	1.0	20	0	92.1	74 - 120	19.52	5.82	20	
Ethylbenzene	18.56	2.0	20	0	92.8	77 - 117	19.13	3.05	20	
Toluene	18.36	2.0	20	0	91.8	77 - 118	19.03	3.58	20	
Xylenes, Total	56.59	6.0	60	0	94.3	75 - 122	58.19	2.79	20	
Surr: 1,2-Dichloroethane-d4	*53.68*	*1.0*	*50*	*0*	*107*	*70 - 123*	*52.63*	*1.97*	*20*	
Surr: 4-Bromofluorobenzene	*49.87*	*1.0*	*50*	*0*	*99.7*	*77 - 113*	*50.86*	*1.98*	*20*	
Surr: Dibromofluoromethane	*51.79*	*1.0*	*50*	*0*	*104*	*73 - 126*	*50.67*	*2.19*	*20*	
Surr: Toluene-d8	*50.92*	*1.0*	*50*	*0*	*102*	*81 - 120*	*49.76*	*2.31*	*20*	

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25091081

QC BATCH REPORT

Batch ID: R522623 (0) **Instrument: VOA4** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS25091081-10MS** Units: **ug/L** Analysis Date: **26-Sep-2025 05:59**
Client ID: **12604539-MW-14-20250923** Run ID: **VOA4_522623** SeqNo: **9051599** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.79	1.0	20	0	104	70 - 127				
Ethylbenzene	19.73	2.0	20	0	98.6	70 - 124				
Toluene	20.75	2.0	20	0	104	70 - 123				
Xylenes, Total	59.26	6.0	60	0	98.8	70 - 130				
Surr: 1,2-Dichloroethane-d4	*54.26*	*1.0*	*50*	*0*	*109*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*51.14*	*1.0*	*50*	*0*	*102*	*77 - 113*				
Surr: Dibromofluoromethane	*51.42*	*1.0*	*50*	*0*	*103*	*77 - 123*				
Surr: Toluene-d8	*49.56*	*1.0*	*50*	*0*	*99.1*	*82 - 127*				

MSD Sample ID: **HS25091081-10MSD** Units: **ug/L** Analysis Date: **26-Sep-2025 06:19**
Client ID: **12604539-MW-14-20250923** Run ID: **VOA4_522623** SeqNo: **9051600** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.47	1.0	20	0	97.3	70 - 127	20.79	6.55	20	
Ethylbenzene	18.59	2.0	20	0	93.0	70 - 124	19.73	5.94	20	
Toluene	19.24	2.0	20	0	96.2	70 - 123	20.75	7.55	20	
Xylenes, Total	56.45	6.0	60	0	94.1	70 - 130	59.26	4.85	20	
Surr: 1,2-Dichloroethane-d4	*54.81*	*1.0*	*50*	*0*	*110*	*70 - 126*	*54.26*	*1*	*20*	
Surr: 4-Bromofluorobenzene	*51.49*	*1.0*	*50*	*0*	*103*	*77 - 113*	*51.14*	*0.668*	*20*	
Surr: Dibromofluoromethane	*51.02*	*1.0*	*50*	*0*	*102*	*77 - 123*	*51.42*	*0.787*	*20*	
Surr: Toluene-d8	*49.73*	*1.0*	*50*	*0*	*99.5*	*82 - 127*	*49.56*	*0.344*	*20*	

The following samples were analyzed in this batch: HS25091081-10 HS25091081-11 HS25091081-12 HS25091081-13 HS25091081-15

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25091081

QC BATCH REPORT

Batch ID: R522677 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-250926** Units: **ug/L** Analysis Date: **26-Sep-2025 11:08**
Client ID: Run ID: **VOA7_522677** SeqNo: **9053155** 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	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 6.0	6.0								
Surr: 1,2-Dichloroethane-d4	*45.46*	*1.0*	*50*	*0*	*90.9*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*50.27*	*1.0*	*50*	*0*	*101*	*77 - 113*				
Surr: Dibromofluoromethane	*47.91*	*1.0*	*50*	*0*	*95.8*	*73 - 126*				
Surr: Toluene-d8	*51.24*	*1.0*	*50*	*0*	*102*	*81 - 120*				

LCS Sample ID: **LCS-250926** Units: **ug/L** Analysis Date: **26-Sep-2025 10:03**
Client ID: Run ID: **VOA7_522677** SeqNo: **9053153** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.38	1.0	20	0	91.9	74 - 120				
Ethylbenzene	20.61	2.0	20	0	103	77 - 117				
Toluene	19.74	2.0	20	0	98.7	77 - 118				
Xylenes, Total	61.91	6.0	60	0	103	75 - 122				
Surr: 1,2-Dichloroethane-d4	*48.33*	*1.0*	*50*	*0*	*96.7*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*46.84*	*1.0*	*50*	*0*	*93.7*	*77 - 113*				
Surr: Dibromofluoromethane	*47.95*	*1.0*	*50*	*0*	*95.9*	*73 - 126*				
Surr: Toluene-d8	*51.98*	*1.0*	*50*	*0*	*104*	*81 - 120*				

MS Sample ID: **HS25091139-15MS** Units: **ug/L** Analysis Date: **26-Sep-2025 19:01**
Client ID: Run ID: **VOA7_522677** SeqNo: **9055073** 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	96.9	70 - 127				
Ethylbenzene	19.9	2.0	20	0	99.5	70 - 124				
Toluene	19.13	2.0	20	0	95.6	70 - 123				
Xylenes, Total	59.62	6.0	60	0	99.4	70 - 130				
Surr: 1,2-Dichloroethane-d4	*48.29*	*1.0*	*50*	*0*	*96.6*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*46.11*	*1.0*	*50*	*0*	*92.2*	*77 - 113*				
Surr: Dibromofluoromethane	*48.15*	*1.0*	*50*	*0*	*96.3*	*77 - 123*				
Surr: Toluene-d8	*48.97*	*1.0*	*50*	*0*	*97.9*	*82 - 127*				

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25091081

QC BATCH REPORT

Batch ID: R522677 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MSD Sample ID: **HS25091139-15MSD** Units: **ug/L** Analysis Date: **26-Sep-2025 19:22**
Client ID: Run ID: **VOA7_522677** SeqNo: **9055074** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.45	1.0	20	0	92.2	70 - 127	19.39	4.96	20	
Ethylbenzene	19.54	2.0	20	0	97.7	70 - 124	19.9	1.82	20	
Toluene	19.58	2.0	20	0	97.9	70 - 123	19.13	2.35	20	
Xylenes, Total	60.52	6.0	60	0	101	70 - 130	59.62	1.5	20	
Surr: 1,2-Dichloroethane-d4	*46.82*	*1.0*	*50*	*0*	*93.6*	*70 - 126*	*48.29*	*3.09*	*20*	
Surr: 4-Bromofluorobenzene	*47.09*	*1.0*	*50*	*0*	*94.2*	*77 - 113*	*46.11*	*2.11*	*20*	
Surr: Dibromofluoromethane	*48.29*	*1.0*	*50*	*0*	*96.6*	*77 - 123*	*48.15*	*0.299*	*20*	
Surr: Toluene-d8	*51.02*	*1.0*	*50*	*0*	*102*	*82 - 127*	*48.97*	*4.11*	*20*	

The following samples were analyzed in this batch: HS25091081-06 HS25091081-09 HS25091081-14

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25091081

QC BATCH REPORT

Batch ID: R522733 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-250927** Units: **ug/L** Analysis Date: **27-Sep-2025 08:23**
Client ID: Run ID: **VOA7_522733** SeqNo: **9055116** 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	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 6.0	6.0								
Surr: 1,2-Dichloroethane-d4	*46.54*	*1.0*	*50*	*0*	*93.1*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*50.07*	*1.0*	*50*	*0*	*100*	*77 - 113*				
Surr: Dibromofluoromethane	*48.92*	*1.0*	*50*	*0*	*97.8*	*73 - 126*				
Surr: Toluene-d8	*49.82*	*1.0*	*50*	*0*	*99.6*	*81 - 120*				

LCS Sample ID: **LCS-250927** Units: **ug/L** Analysis Date: **27-Sep-2025 07:18**
Client ID: Run ID: **VOA7_522733** SeqNo: **9055114** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.06	1.0	20	0	95.3	74 - 120				
Ethylbenzene	19.97	2.0	20	0	99.9	77 - 117				
Toluene	20.01	2.0	20	0	100	77 - 118				
Xylenes, Total	61.8	6.0	60	0	103	75 - 122				
Surr: 1,2-Dichloroethane-d4	*46.8*	*1.0*	*50*	*0*	*93.6*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*47.55*	*1.0*	*50*	*0*	*95.1*	*77 - 113*				
Surr: Dibromofluoromethane	*48.8*	*1.0*	*50*	*0*	*97.6*	*73 - 126*				
Surr: Toluene-d8	*51.28*	*1.0*	*50*	*0*	*103*	*81 - 120*				

LCSD Sample ID: **LCSD-250927** Units: **ug/L** Analysis Date: **27-Sep-2025 07:40**
Client ID: Run ID: **VOA7_522733** SeqNo: **9055115** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.98	1.0	20	0	94.9	74 - 120	19.06	0.415	20	
Ethylbenzene	20.03	2.0	20	0	100	77 - 117	19.97	0.295	20	
Toluene	19.15	2.0	20	0	95.7	77 - 118	20.01	4.39	20	
Xylenes, Total	60.01	6.0	60	0	100	75 - 122	61.8	2.94	20	
Surr: 1,2-Dichloroethane-d4	*47.5*	*1.0*	*50*	*0*	*95.0*	*70 - 123*	*46.8*	*1.48*	*20*	
Surr: 4-Bromofluorobenzene	*48.72*	*1.0*	*50*	*0*	*97.4*	*77 - 113*	*47.55*	*2.41*	*20*	
Surr: Dibromofluoromethane	*48.57*	*1.0*	*50*	*0*	*97.1*	*73 - 126*	*48.8*	*0.47*	*20*	
Surr: Toluene-d8	*51.26*	*1.0*	*50*	*0*	*103*	*81 - 120*	*51.28*	*0.0507*	*20*	

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25091081

QC BATCH REPORT

Batch ID: R522733 (0) **Instrument: VOA7** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS25091198-21MS** Units: **ug/L** Analysis Date: **27-Sep-2025 13:07**
Client ID: Run ID: **VOA7_522733** SeqNo: **9055102** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.71	1.0	20	0	93.6	70 - 127				
Ethylbenzene	19.98	2.0	20	0	99.9	70 - 124				
Toluene	19.48	2.0	20	0	97.4	70 - 123				
Xylenes, Total	60.26	6.0	60	0	100	70 - 130				
Surr: 1,2-Dichloroethane-d4	*46.42*	*1.0*	*50*	*0*	*92.8*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*48.45*	*1.0*	*50*	*0*	*96.9*	*77 - 113*				
Surr: Dibromofluoromethane	*48.2*	*1.0*	*50*	*0*	*96.4*	*77 - 123*				
Surr: Toluene-d8	*51.34*	*1.0*	*50*	*0*	*103*	*82 - 127*				

MSD Sample ID: **HS25091198-21MSD** Units: **ug/L** Analysis Date: **27-Sep-2025 13:28**
Client ID: Run ID: **VOA7_522733** SeqNo: **9055103** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.61	1.0	20	0	93.1	70 - 127	18.71	0.536	20	
Ethylbenzene	19.24	2.0	20	0	96.2	70 - 124	19.98	3.78	20	
Toluene	18.65	2.0	20	0	93.3	70 - 123	19.48	4.34	20	
Xylenes, Total	58.33	6.0	60	0	97.2	70 - 130	60.26	3.26	20	
Surr: 1,2-Dichloroethane-d4	*46.12*	*1.0*	*50*	*0*	*92.2*	*70 - 126*	*46.42*	*0.655*	*20*	
Surr: 4-Bromofluorobenzene	*47.08*	*1.0*	*50*	*0*	*94.2*	*77 - 113*	*48.45*	*2.86*	*20*	
Surr: Dibromofluoromethane	*47.63*	*1.0*	*50*	*0*	*95.3*	*77 - 123*	*48.2*	*1.2*	*20*	
Surr: Toluene-d8	*49.82*	*1.0*	*50*	*0*	*99.6*	*82 - 127*	*51.34*	*3*	*20*	

The following samples were analyzed in this batch: HS25091081-07

ALS Houston, US Date: 29-Sep-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: **HS25091081**

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-2026
Arkansas	88-00356_2024	17-Mar-2026
California	2919 - 2025	30-Apr-2026
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-2025	30-Jun-2026
Illinois	200032 - 2025	31-Jul-2026
Kansas	KS-C25-00168	31-Jul-2026
Kentucky	123043-2025	30-Apr-2026
Louisiana	03087-2025	30-Jun-2026
Maine	2024017	23-Jun-2026
Michigan	9971-2025	30-Apr-2026
Minnesota	2856348	31-Dec-2025
Missouri	136	30-Sep-2026
Nebraska	NE-OS-25-13 - 2025	30-Apr-2026
Nevada	NV-C25-00124 - 2025	31-Jul-2026
New Hampshire	209425	24-Apr-2026
New Jersey	TX008-2025	30-Jun-2026
New York	11707 - 2025	01-Apr-2026
North Carolina	624 - 2024	31-Dec-2025
North Dakota	R-193 2023-2024	30-Sep-2025
Oregon	TX200002-013	15-May-2026
Pennsylvania	019	01-Jul-2026
Tennessee	TN	30-Apr-2026
Texas	TX-C25-00104	30-Apr-2026

ALS Houston, US Date: 29-Sep-25

Sample Receipt Checklist

Work Order ID: HS25091081 **Date/Time Received:** 24-Sep-2025 09:35

Client Name: GHDHouston **Received by:** Edgar Zheku

Completed By:	/S/ Si Ma	24-Sep-2025 14:21	**Reviewed by:**	/S/ Beverly Mustafa	24-Sep-2025 16:50
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **GW** Carrier name: **FedEx Standard Overnight**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	2 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:348744 / 348743
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.9UC/2.9C	IR34	
Cooler(s)/Kit(s):	50268		
Date/Time sample(s) sent to storage:	09/24/2025 14:22		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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

Chain of Custody Form

Page 1 of 2

COC ID: 348744

HS25091081

GHDHouston

Chevron Grayburg 6-Inch Sec. 6 (Historical)

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	SRS Chevron Grayburg 6-Inch HI	Project Name	Chevron Grayburg 6-Inch Sec. 6 (H	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	SRS Chevron Grayburg 6-Inch Histo	B	
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C	
Send Report To	Adrianna Copeland	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	Adrianna.Copeland@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	12604539-MW-2-20250922	09-22-25	10:55	GW	Ice	3	✓										
2	12604539-MW-3-20250922	09-22-25	12:45	GW	Ice	3	✓										
3	12604539-MW-4-20250922	09-22-25	10:40	GW	Ice	3	✓										
4	12604539-MW-5-20250922	09-22-25	12:00	GW	Ice	3	✓										
5	12604539-MW-1-20250922	09-22-25	10:00	GW	Ice	3	✓										
6	12604539-MW-8-20250922	09-22-25	11:50	GW	Ice	3	✓										
7	12604539-MW-9-20250922	09-22-25	13:30	GW	Ice	3	✓										
8	12604539-MW-10-20250922	09-22-25	13:55	GW	Ice	3	✓										
9	12604539-MW-12-20250922	09-22-25	12:46	GW	Ice	3	✓										
10																	

Bill Direct to: Plains All American Pipelines

SRS #: Chevron Grayburg 6-inch Historical.

Sampler(s) Please Print & Sign: J. Flores / Jeanne Trew

Shipment Method:

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

Results Due Date:

Relinquished by: J. Flores	Date: 9-23-25	Time: 17:30	Received by:
Relinquished by:	Date:	Time:	Received by (Laboratory): 09/24/25 09:35
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: 12604539- Chevron Grayburg 6-Inch Sec. 6 (Historical)

Cooler ID	Cooler Temp.
50268	2.9

QC Package: (Check One Box Below)

☒ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SVOA/CLP
☐ Other

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

1034 1150-0

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: 348743

HS25091081

GHDHouston

Chevron Grayburg 6-Inch Sec. 6 (Historical)

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	SRS Chevron Grayburg 6-Inch Hi	Project Name	Chevron Grayburg 6-Inch Sec. 6 (H	A	8260_LL_W (8260 BTEX)
Work Order		Project Number	SRS Chevron Grayburg 6-Inch Histo	B	
Company Name	GHD	Bill To Company	Plains All American Pipeline, LP	C	
Send Report To	Adrianna Copeland	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	Adrianna.Copeland@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	12604539-MW-14-20250923	09.23.25	11:30	GW	Ice	3	✓										
2	12604539-MW-6-20250923	09-23-25	10:13	GW	Ice	3	✓		Bill Direct To:								
3	12604539-MW-11-20250923	09-23-25	8:34	GW	Ice	3	✓										
4	12604539-MW-13-20250923	09-23-25	10:55	GW	Ice	3	✓		Plains All American Pipeline								
5	12604539-DUP-1-20250922	09.22.25	—	GW	Ice	3	✓										
6	Trip Blank	—	—	—	—	—	✓		SRS# Chevron grayburg, 6inch Historical.								
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: J. Flores Jenna Trew

Shipment Method:

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

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
Jenna T	9-23-25	17:30	
Relinquished by:	Date:	Time:	Received by (Laboratory): 09/24/25 04:35
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: 12604539- Chevron Grayburg 6-Inch Sec. 6 (Historical)

Cooler ID	Cooler Temp.
50268	2.9

QC Package: (Check One Box Below)

☒ 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

TDH CF0.0

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.

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

50268

CUSTODY SEAL
Date: 9-23-25 Time: 17:30
Name: Jairo Flores
Company: GHD

Seal Broken By:
Date: 09/24/25

50268 SEP 2 4 2025

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

50268

CUSTODY SEAL
Date: 9-23-25 Time: 17:30
Name: J. Flores
Company: GHD

Seal Broken By:
Date: 09/24/25

Part # 159469-434 RRDB EXP 05/26

ORIGIN ID:SGRA (505) 548-2198
GHD(126044360)
GHD
2135 S LOOP 250 WEST

MIDLAND, TX 79703
UNITED STATES US

SHIP DATE: 26AUG25
ACTWGT: 1.00 LB MAN
CAD: 0221247/CAFE3908

TO ROCHELLE DAVIS
ALS GROUP USA
10450 STANCLIFF RD
SUITE 210
HOUSTON TX 77099
(281) 530-5656
REF: GHD-AD

50268

RMA:

FedEx Express

FedEx
TRK# 0221 4345 8802 1477

WED - 24 SEP 5:00P
STANDARD OVERNIGHT

AB SGRA

77099
TX-US IAH

Part # 159469-435 RRDB2 EXP 08/26

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

November 11, 2025

Adrianna Copeland
GHDHouston
11451 Katy Freeway
Suite 400
Houston, TX 77079

Work Order: **HS25101532**

Laboratory Results for: **Chevron Grayburg 6-Inch Sec. 6 (Historical)**

Dear Adrianna Copeland,

ALS Environmental received 15 sample(s) on Oct 29, 2025 for the analysis presented in the following report.

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

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

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

Sincerely,

Alexis Dorenbosch

Generated By: JUMOKE.LAWAL
Alexis Dorenbosch
Project Manager

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Work Order: HS25101532

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS25101532-01	126045539-MW-2-20251027	Groundwater		27-Oct-2025 11:00	29-Oct-2025 10:55	☐
HS25101532-02	126045539-MW-3-20251027	Groundwater		27-Oct-2025 11:40	29-Oct-2025 10:55	☐
HS25101532-03	126045539-MW-4-20251027	Groundwater		27-Oct-2025 10:20	29-Oct-2025 10:55	☐
HS25101532-04	126045539-MW-14-20251027	Groundwater		27-Oct-2025 12:25	29-Oct-2025 10:55	☐
HS25101532-05	126045539-MW-1-20251027	Groundwater		27-Oct-2025 09:45	29-Oct-2025 10:55	☐
HS25101532-06	126045539-MW-6-20251027	Groundwater		27-Oct-2025 10:20	29-Oct-2025 10:55	☐
HS25101532-07	126045539-MW-9-20251027	Groundwater		27-Oct-2025 12:20	29-Oct-2025 10:55	☐
HS25101532-08	126045539-MW-11-20251027	Groundwater		27-Oct-2025 11:50	29-Oct-2025 10:55	☐
HS25101532-09	126045539-MW-12-20251027	Groundwater		27-Oct-2025 11:05	29-Oct-2025 10:55	☐
HS25101532-10	126045539-MW-5-20251028	Groundwater		28-Oct-2025 09:30	29-Oct-2025 10:55	☐
HS25101532-11	126045539-MW-13-20251028	Groundwater		28-Oct-2025 09:40	29-Oct-2025 10:55	☐
HS25101532-12	126045539-MW-8-20251028	Groundwater		28-Oct-2025 08:50	29-Oct-2025 10:55	☐
HS25101532-13	126045539-MW-10-20251028	Groundwater		28-Oct-2025 09:05	29-Oct-2025 10:55	☐
HS25101532-14	126045539-DUP-01-20251028	Groundwater		28-Oct-2025 00:00	29-Oct-2025 10:55	☐
HS25101532-15	TRIP BLANK	Water	CG-100125-474	28-Oct-2025 00:00	29-Oct-2025 10:55	☐

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston **CASE NARRATIVE**
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Work Order: HS25101532

GCMS Semivolatiles by Method SW8270

Batch ID: 235075

- MSD is for an unrelated sample

GCMS Volatiles by Method SW8260

Batch ID: R525531

Sample ID: HS25101310-04MSD

- MSD is for an unrelated sample

Batch ID: R525489

Sample ID: LCS-112501

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-2-20251027
Collection Date: 27-Oct-2025 11:00

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-01
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	< 0.0010		0.0010	mg/L	1	02-Nov-2025 15:51
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 15:51
Toluene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 15:51
Xylenes, Total	< 0.0060		0.0060	mg/L	1	02-Nov-2025 15:51
Surr: 1,2-Dichloroethane-d4	*97.7*		*70-126*	*%REC*	*1*	*02-Nov-2025 15:51*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*02-Nov-2025 15:51*
Surr: Dibromofluoromethane	*100*		*77-123*	*%REC*	*1*	*02-Nov-2025 15:51*
Surr: Toluene-d8	*98.2*		*82-127*	*%REC*	*1*	*02-Nov-2025 15:51*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-3-20251027
Collection Date: 27-Oct-2025 11:40

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-02
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	< 0.0010		0.0010	mg/L	1	02-Nov-2025 16:14
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 16:14
Toluene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 16:14
Xylenes, Total	< 0.0060		0.0060	mg/L	1	02-Nov-2025 16:14
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*02-Nov-2025 16:14*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*02-Nov-2025 16:14*
Surr: Dibromofluoromethane	*98.4*		*77-123*	*%REC*	*1*	*02-Nov-2025 16:14*
Surr: Toluene-d8	*97.3*		*82-127*	*%REC*	*1*	*02-Nov-2025 16:14*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-4-20251027
Collection Date: 27-Oct-2025 10:20

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-03
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	< 0.0010		0.0010	mg/L	1	02-Nov-2025 16:36
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 16:36
Toluene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 16:36
Xylenes, Total	< 0.0060		0.0060	mg/L	1	02-Nov-2025 16:36
Surr: 1,2-Dichloroethane-d4	*99.7*		*70-126*	*%REC*	*1*	*02-Nov-2025 16:36*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*02-Nov-2025 16:36*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*02-Nov-2025 16:36*
Surr: Toluene-d8	*98.4*		*82-127*	*%REC*	*1*	*02-Nov-2025 16:36*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-14-20251027
Collection Date: 27-Oct-2025 12:25

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-04
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	< 0.0010		0.0010	mg/L	1	02-Nov-2025 16:59
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 16:59
Toluene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 16:59
Xylenes, Total	< 0.0060		0.0060	mg/L	1	02-Nov-2025 16:59
Surr: 1,2-Dichloroethane-d4	*99.0*		*70-126*	*%REC*	*1*	*02-Nov-2025 16:59*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*02-Nov-2025 16:59*
Surr: Dibromofluoromethane	*98.7*		*77-123*	*%REC*	*1*	*02-Nov-2025 16:59*
Surr: Toluene-d8	*98.6*		*82-127*	*%REC*	*1*	*02-Nov-2025 16:59*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-1-20251027
Collection Date: 27-Oct-2025 09:45

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-05
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	**0.012**		**0.0010**	**mg/L**	1	02-Nov-2025 17:22
Ethylbenzene	**0.010**		**0.0020**	**mg/L**	1	02-Nov-2025 17:22
Toluene	**0.015**		**0.0020**	**mg/L**	1	02-Nov-2025 17:22
Xylenes, Total	**0.020**		**0.0060**	**mg/L**	1	02-Nov-2025 17:22
Surr: 1,2-Dichloroethane-d4	*99.5*		*70-126*	*%REC*	*1*	*02-Nov-2025 17:22*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*1*	*02-Nov-2025 17:22*
Surr: Dibromofluoromethane	*94.6*		*77-123*	*%REC*	*1*	*02-Nov-2025 17:22*
Surr: Toluene-d8	*98.2*		*82-127*	*%REC*	*1*	*02-Nov-2025 17:22*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-6-20251027
Collection Date: 27-Oct-2025 10:20

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-06
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	< 0.0010		0.0010	mg/L	1	02-Nov-2025 17:45
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 17:45
Toluene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 17:45
Xylenes, Total	< 0.0060		0.0060	mg/L	1	02-Nov-2025 17:45
Surr: 1,2-Dichloroethane-d4	*98.0*		*70-126*	*%REC*	*1*	*02-Nov-2025 17:45*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*02-Nov-2025 17:45*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*02-Nov-2025 17:45*
Surr: Toluene-d8	*99.5*		*82-127*	*%REC*	*1*	*02-Nov-2025 17:45*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-9-20251027
Collection Date: 27-Oct-2025 12:20

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-07
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	< 0.0010		0.0010	mg/L	1	02-Nov-2025 18:08
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 18:08
Toluene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 18:08
Xylenes, Total	< 0.0060		0.0060	mg/L	1	02-Nov-2025 18:08
Surr: 1,2-Dichloroethane-d4	*103*		*70-126*	*%REC*	*1*	*02-Nov-2025 18:08*
Surr: 4-Bromofluorobenzene	*103*		*77-113*	*%REC*	*1*	*02-Nov-2025 18:08*
Surr: Dibromofluoromethane	*100*		*77-123*	*%REC*	*1*	*02-Nov-2025 18:08*
Surr: Toluene-d8	*98.4*		*82-127*	*%REC*	*1*	*02-Nov-2025 18:08*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-11-20251027
Collection Date: 27-Oct-2025 11:50

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-08
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	**0.0045**		**0.0010**	**mg/L**	1	02-Nov-2025 18:31
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 18:31
Toluene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 18:31
Xylenes, Total	< 0.0060		0.0060	mg/L	1	02-Nov-2025 18:31
Surr: 1,2-Dichloroethane-d4	*104*		*70-126*	*%REC*	*1*	*02-Nov-2025 18:31*
Surr: 4-Bromofluorobenzene	*105*		*77-113*	*%REC*	*1*	*02-Nov-2025 18:31*
Surr: Dibromofluoromethane	*99.8*		*77-123*	*%REC*	*1*	*02-Nov-2025 18:31*
Surr: Toluene-d8	*97.4*		*82-127*	*%REC*	*1*	*02-Nov-2025 18:31*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-12-20251027
Collection Date: 27-Oct-2025 11:05

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-09
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	**0.51**		**0.010**	**mg/L**	10	03-Nov-2025 15:25
Ethylbenzene	**0.097**		**0.0020**	**mg/L**	1	02-Nov-2025 18:54
Toluene	**0.25**		**0.020**	**mg/L**	10	03-Nov-2025 15:25
Xylenes, Total	**0.14**		**0.0060**	**mg/L**	1	02-Nov-2025 18:54
Surr: 1,2-Dichloroethane-d4	*95.8*		*70-126*	*%REC*	*1*	*02-Nov-2025 18:54*
Surr: 1,2-Dichloroethane-d4	*98.3*		*70-126*	*%REC*	*10*	*03-Nov-2025 15:25*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*02-Nov-2025 18:54*
Surr: 4-Bromofluorobenzene	*108*		*77-113*	*%REC*	*10*	*03-Nov-2025 15:25*
Surr: Dibromofluoromethane	*95.2*		*77-123*	*%REC*	*1*	*02-Nov-2025 18:54*
Surr: Dibromofluoromethane	*99.6*		*77-123*	*%REC*	*10*	*03-Nov-2025 15:25*
Surr: Toluene-d8	*99.0*		*82-127*	*%REC*	*1*	*02-Nov-2025 18:54*
Surr: Toluene-d8	*99.5*		*82-127*	*%REC*	*10*	*03-Nov-2025 15:25*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-5-20251028
Collection Date: 28-Oct-2025 09:30

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-10
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	< 0.0010		0.0010	mg/L	1	02-Nov-2025 19:17
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 19:17
Toluene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 19:17
Xylenes, Total	< 0.0060		0.0060	mg/L	1	02-Nov-2025 19:17
Surr: 1,2-Dichloroethane-d4	*103*		*70-126*	*%REC*	*1*	*02-Nov-2025 19:17*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*02-Nov-2025 19:17*
Surr: Dibromofluoromethane	*102*		*77-123*	*%REC*	*1*	*02-Nov-2025 19:17*
Surr: Toluene-d8	*98.7*		*82-127*	*%REC*	*1*	*02-Nov-2025 19:17*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-13-20251028
Collection Date: 28-Oct-2025 09:40

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-11
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	< 0.0010		0.0010	mg/L	1	02-Nov-2025 19:40
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 19:40
Toluene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 19:40
Xylenes, Total	< 0.0060		0.0060	mg/L	1	02-Nov-2025 19:40
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*02-Nov-2025 19:40*
Surr: 4-Bromofluorobenzene	*104*		*77-113*	*%REC*	*1*	*02-Nov-2025 19:40*
Surr: Dibromofluoromethane	*100*		*77-123*	*%REC*	*1*	*02-Nov-2025 19:40*
Surr: Toluene-d8	*97.2*		*82-127*	*%REC*	*1*	*02-Nov-2025 19:40*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-8-20251028
Collection Date: 28-Oct-2025 08:50

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-12
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		**Method:SW8260**				Analyst: LA
Benzene	**2.3**		**0.050**	**mg/L**	50	03-Nov-2025 15:49
Ethylbenzene	< 0.10		0.10	mg/L	50	03-Nov-2025 15:49
Toluene	< 0.10		0.10	mg/L	50	03-Nov-2025 15:49
Xylenes, Total	< 0.30		0.30	mg/L	50	03-Nov-2025 15:49
Surr: 1,2-Dichloroethane-d4	*107*		*70-126*	*%REC*	*50*	*03-Nov-2025 15:49*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*50*	*03-Nov-2025 15:49*
Surr: Dibromofluoromethane	*100*		*77-123*	*%REC*	*50*	*03-Nov-2025 15:49*
Surr: Toluene-d8	*98.7*		*82-127*	*%REC*	*50*	*03-Nov-2025 15:49*
LOW-LEVEL SEMIVOLATILES BY 8270D		**Method:SW8270**		Prep:SW3510 / 03-Nov-2025		Analyst: AR
Acenaphthene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Acenaphthylene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Anthracene	**0.38**		**0.10**	**ug/L**	1	07-Nov-2025 21:26
Benz(a)anthracene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Benzo(a)pyrene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Benzo(b)fluoranthene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Benzo(g,h,i)perylene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Benzo(k)fluoranthene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Chrysene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Dibenz(a,h)anthracene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Dibenzofuran	**0.29**		**0.10**	**ug/L**	1	07-Nov-2025 21:26
Fluoranthene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Fluorene	**0.22**		**0.10**	**ug/L**	1	07-Nov-2025 21:26
Indeno(1,2,3-cd)pyrene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Naphthalene	**1.3**		**0.10**	**ug/L**	1	07-Nov-2025 21:26
Phenanthrene	**0.38**		**0.10**	**ug/L**	1	07-Nov-2025 21:26
Pyrene	< 0.10		0.10	ug/L	1	07-Nov-2025 21:26
Surr: 2-Fluorobiphenyl	*43.5*		*40-125*	*%REC*	*1*	*07-Nov-2025 21:26*
Surr: 4-Terphenyl-d14	*52.1*		*40-135*	*%REC*	*1*	*07-Nov-2025 21:26*
Surr: Nitrobenzene-d5	*45.7*		*41-120*	*%REC*	*1*	*07-Nov-2025 21:26*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-MW-10-20251028
Collection Date: 28-Oct-2025 09:05

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-13
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	< 0.0010		0.0010	mg/L	1	02-Nov-2025 20:26
Ethylbenzene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 20:26
Toluene	< 0.0020		0.0020	mg/L	1	02-Nov-2025 20:26
Xylenes, Total	< 0.0060		0.0060	mg/L	1	02-Nov-2025 20:26
Surr: 1,2-Dichloroethane-d4	*101*		*70-126*	*%REC*	*1*	*02-Nov-2025 20:26*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*1*	*02-Nov-2025 20:26*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*1*	*02-Nov-2025 20:26*
Surr: Toluene-d8	*99.0*		*82-127*	*%REC*	*1*	*02-Nov-2025 20:26*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: 126045539-DUP-01-20251028
Collection Date: 28-Oct-2025 00:00

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-14
Matrix:Groundwater

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	**1.3**		**0.025**	**mg/L**	25	03-Nov-2025 16:12
Ethylbenzene	< 0.050		0.050	mg/L	25	03-Nov-2025 16:12
Toluene	**0.60**		**0.050**	**mg/L**	25	03-Nov-2025 16:12
Xylenes, Total	**0.36**		**0.15**	**mg/L**	25	03-Nov-2025 16:12
Surr: 1,2-Dichloroethane-d4	*99.7*		*70-126*	*%REC*	*25*	*03-Nov-2025 16:12*
Surr: 4-Bromofluorobenzene	*106*		*77-113*	*%REC*	*25*	*03-Nov-2025 16:12*
Surr: Dibromofluoromethane	*101*		*77-123*	*%REC*	*25*	*03-Nov-2025 16:12*
Surr: Toluene-d8	*98.7*		*82-127*	*%REC*	*25*	*03-Nov-2025 16:12*

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

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
Sample ID: TRIP BLANK
Collection Date: 28-Oct-2025 00:00

ANALYTICAL REPORT
WorkOrder:HS25101532
Lab ID:HS25101532-15
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C	**Method:SW8260**					Analyst: LA
Benzene	< 0.0010		0.0010	mg/L	1	03-Nov-2025 14:17
Ethylbenzene	< 0.0020		0.0020	mg/L	1	03-Nov-2025 14:17
Toluene	< 0.0020		0.0020	mg/L	1	03-Nov-2025 14:17
Xylenes, Total	< 0.0060		0.0060	mg/L	1	03-Nov-2025 14:17
Surr: 1,2-Dichloroethane-d4	*106*		*70-126*	*%REC*	*1*	*03-Nov-2025 14:17*
Surr: 4-Bromofluorobenzene	*109*		*77-113*	*%REC*	*1*	*03-Nov-2025 14:17*
Surr: Dibromofluoromethane	*104*		*77-123*	*%REC*	*1*	*03-Nov-2025 14:17*
Surr: Toluene-d8	*98.3*		*82-127*	*%REC*	*1*	*03-Nov-2025 14:17*

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

ALS Houston, US

Date: 11-Nov-25

Weight / Prep Log

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25101532

Batch ID: 235075 **Start Date:** 03 Nov 2025 12:51 **End Date:** 03 Nov 2025 12:51
Method: SV AQ SEP FUN EXTRACT-LOWLEV - 3510C **Prep Code:** 3510_B_LOW

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS25101532-12	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25101532

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 235075 (0)	**Test Name :** LOW-LEVEL SEMIVOLATILES BY 8270D				**Matrix:** Groundwater	
HS25101532-12	126045539-MW-8-20251028	28 Oct 2025 08:50		03 Nov 2025 12:51	07 Nov 2025 21:26	1
Batch ID: R525489 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS25101532-01	126045539-MW-2-20251027	27 Oct 2025 11:00			02 Nov 2025 15:51	1
HS25101532-02	126045539-MW-3-20251027	27 Oct 2025 11:40			02 Nov 2025 16:14	1
HS25101532-03	126045539-MW-4-20251027	27 Oct 2025 10:20			02 Nov 2025 16:36	1
HS25101532-04	126045539-MW-14-20251027	27 Oct 2025 12:25			02 Nov 2025 16:59	1
HS25101532-05	126045539-MW-1-20251027	27 Oct 2025 09:45			02 Nov 2025 17:22	1
HS25101532-06	126045539-MW-6-20251027	27 Oct 2025 10:20			02 Nov 2025 17:45	1
HS25101532-07	126045539-MW-9-20251027	27 Oct 2025 12:20			02 Nov 2025 18:08	1
HS25101532-08	126045539-MW-11-20251027	27 Oct 2025 11:50			02 Nov 2025 18:31	1
HS25101532-09	126045539-MW-12-20251027	27 Oct 2025 11:05			02 Nov 2025 18:54	1
HS25101532-10	126045539-MW-5-20251028	28 Oct 2025 09:30			02 Nov 2025 19:17	1
HS25101532-11	126045539-MW-13-20251028	28 Oct 2025 09:40			02 Nov 2025 19:40	1
HS25101532-13	126045539-MW-10-20251028	28 Oct 2025 09:05			02 Nov 2025 20:26	1
Batch ID: R525531 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Water	
HS25101532-15	TRIP BLANK	28 Oct 2025 00:00			03 Nov 2025 14:17	1
Batch ID: R525531 (0)	**Test Name :** LOW LEVEL VOLATILES BY SW8260C				**Matrix:** Groundwater	
HS25101532-09	126045539-MW-12-20251027	27 Oct 2025 11:05			03 Nov 2025 15:25	10
HS25101532-12	126045539-MW-8-20251028	28 Oct 2025 08:50			03 Nov 2025 15:49	50
HS25101532-14	126045539-DUP-01-20251028	28 Oct 2025 00:00			03 Nov 2025 16:12	25

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25101532

QC BATCH REPORT

Batch ID: 235075 (0) **Instrument: SV-8** **Method: LOW-LEVEL SEMIVOLATILES BY 8270D**

MBLK Sample ID: **MBLK-235075** Units: **ug/L** Analysis Date: **07-Nov-2025 15:48**
Client ID: Run ID: **SV-8_525910** SeqNo: **9135077** PrepDate: **03-Nov-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
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-Fluorobiphenyl	*2.402*	*0.20*	*5*	*0*	*48.0*	*40 - 125*			
Surr: 4-Terphenyl-d14	*2.435*	*0.20*	*5*	*0*	*48.7*	*40 - 135*			
Surr: Nitrobenzene-d5	*2.244*	*0.20*	*5*	*0*	*44.9*	*41 - 120*			

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25101532

QC BATCH REPORT

Batch ID: 235075 (0) **Instrument: SV-8** **Method: LOW-LEVEL SEMIVOLATILES BY 8270D**

LCS Sample ID: **LCS-235075** Units: **ug/L** Analysis Date: **07-Nov-2025 16:11**
Client ID: Run ID: **SV-8_525910** SeqNo: **9135078** PrepDate: **03-Nov-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	3.443	0.10	5	0	68.9	45 - 120				
Acenaphthylene	3.465	0.10	5	0	69.3	47 - 120				
Anthracene	3.776	0.10	5	0	75.5	45 - 120				
Benz(a)anthracene	3.841	0.10	5	0	76.8	40 - 120				
Benzo(a)pyrene	4.321	0.10	5	0	86.4	45 - 120				
Benzo(b)fluoranthene	5.028	0.10	5	0	101	50 - 120				
Benzo(g,h,i)perylene	3.979	0.10	5	0	79.6	42 - 127				
Benzo(k)fluoranthene	3.856	0.10	5	0	77.1	45 - 127				
Chrysene	3.596	0.10	5	0	71.9	43 - 120				
Dibenz(a,h)anthracene	4.076	0.10	5	0	81.5	45 - 125				
Dibenzofuran	3.602	0.10	5	0	72.0	50 - 120				
Fluoranthene	3.956	0.10	5	0	79.1	45 - 125				
Fluorene	3.554	0.10	5	0	71.1	49 - 120				
Indeno(1,2,3-cd)pyrene	3.979	0.10	5	0	79.6	41 - 128				
Naphthalene	3.382	0.10	5	0	67.6	45 - 120				
Phenanthrene	3.724	0.10	5	0	74.5	45 - 121				
Pyrene	3.671	0.10	5	0	73.4	40 - 130				
Surr: 2-Fluorobiphenyl	*2.625*	*0.20*	*5*	*0*	*52.5*	*40 - 125*				
Surr: 4-Terphenyl-d14	*2.697*	*0.20*	*5*	*0*	*53.9*	*40 - 135*				
Surr: Nitrobenzene-d5	*2.516*	*0.20*	*5*	*0*	*50.3*	*41 - 120*				

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25101532

QC BATCH REPORT

Batch ID: 235075 (0) **Instrument: SV-8** **Method: LOW-LEVEL SEMIVOLATILES BY 8270D**

MS Sample ID: **HS25101620-02MS** Units: **ug/L** Analysis Date: **07-Nov-2025 20:41**
Client ID: Run ID: **SV-8_525910** SeqNo: **9135090** PrepDate: **03-Nov-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	2.58	0.10	5	0	51.6	45 - 120				
Acenaphthylene	2.578	0.10	5	0	51.6	47 - 120				
Anthracene	2.791	0.10	5	0	55.8	45 - 120				
Benz(a)anthracene	2.899	0.10	5	0	58.0	40 - 120				
Benzo(a)pyrene	3.188	0.10	5	0	63.8	45 - 120				
Benzo(b)fluoranthene	3.788	0.10	5	0	75.8	50 - 120				
Benzo(g,h,i)perylene	2.586	0.10	5	0	51.7	42 - 127				
Benzo(k)fluoranthene	3.025	0.10	5	0	60.5	45 - 127				
Chrysene	2.785	0.10	5	0	55.7	43 - 120				
Dibenz(a,h)anthracene	2.768	0.10	5	0	55.4	45 - 125				
Dibenzofuran	2.696	0.10	5	0	53.9	50 - 120				
Fluoranthene	2.873	0.10	5	0	57.5	45 - 125				
Fluorene	2.683	0.10	5	0	53.7	49 - 120				
Indeno(1,2,3-cd)pyrene	2.864	0.10	5	0	57.3	41 - 128				
Naphthalene	2.582	0.10	5	0	51.6	45 - 120				
Phenanthrene	2.796	0.10	5	0	55.9	45 - 121				
Pyrene	2.981	0.10	5	0	59.6	40 - 130				
Surr: 2-Fluorobiphenyl	*2.048*	*0.20*	*5*	*0*	*41.0*	*40 - 125*				
Surr: 4-Terphenyl-d14	*2.308*	*0.20*	*5*	*0*	*46.2*	*40 - 135*				
Surr: Nitrobenzene-d5	*2.119*	*0.20*	*5*	*0*	*42.4*	*41 - 120*				

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25101532

QC BATCH REPORT

Batch ID: 235075 (0) **Instrument: SV-8** **Method: LOW-LEVEL SEMIVOLATILES BY 8270D**

MSD Sample ID: **HS25101620-02MSD** Units: **ug/L** Analysis Date: **07-Nov-2025 21:04**
Client ID: Run ID: **SV-8_525910** SeqNo: **9135091** PrepDate: **03-Nov-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	2.585	0.10	5	0	51.7	45 - 120	2.58	0.194	20	
Acenaphthylene	2.613	0.10	5	0	52.3	47 - 120	2.578	1.35	20	
Anthracene	2.857	0.10	5	0	57.1	45 - 120	2.791	2.34	20	
Benz(a)anthracene	3.078	0.10	5	0	61.6	40 - 120	2.899	5.99	20	
Benzo(a)pyrene	3.202	0.10	5	0	64.0	45 - 120	3.188	0.438	20	
Benzo(b)fluoranthene	3.917	0.10	5	0	78.3	50 - 120	3.788	3.35	20	
Benzo(g,h,i)perylene	2.667	0.10	5	0	53.3	42 - 127	2.586	3.08	20	
Benzo(k)fluoranthene	3.021	0.10	5	0	60.4	45 - 127	3.025	0.132	20	
Chrysene	2.828	0.10	5	0	56.6	43 - 120	2.785	1.53	20	
Dibenz(a,h)anthracene	2.944	0.10	5	0	58.9	45 - 125	2.768	6.16	20	
Dibenzofuran	2.693	0.10	5	0	53.9	50 - 120	2.696	0.111	20	
Fluoranthene	3.016	0.10	5	0	60.3	45 - 125	2.873	4.86	20	
Fluorene	2.699	0.10	5	0	54.0	49 - 120	2.683	0.595	20	
Indeno(1,2,3-cd)pyrene	2.716	0.10	5	0	54.3	41 - 128	2.864	5.31	20	
Naphthalene	2.587	0.10	5	0	51.7	45 - 120	2.582	0.193	20	
Phenanthrene	2.874	0.10	5	0	57.5	45 - 121	2.796	2.75	20	
Pyrene	2.972	0.10	5	0	59.4	40 - 130	2.981	0.302	20	
Surr: 2-Fluorobiphenyl	*2.09*	*0.20*	*5*	*0*	*41.8*	*40 - 125*	*2.048*	*2.03*	*20*	
Surr: 4-Terphenyl-d14	*2.277*	*0.20*	*5*	*0*	*45.5*	*40 - 135*	*2.308*	*1.35*	*20*	
Surr: Nitrobenzene-d5	*2.176*	*0.20*	*5*	*0*	*43.5*	*41 - 120*	*2.119*	*2.65*	*20*	

The following samples were analyzed in this batch: HS25101532-12

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25101532

QC BATCH REPORT

Batch ID: R525489 (0) **Instrument: VOA13** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-112501** Units: **ug/L** Analysis Date: **02-Nov-2025 12:47**
Client ID: Run ID: **VOA13_525489** SeqNo: **9118283** 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	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 6.0	6.0								
Surr: 1,2-Dichloroethane-d4	*52.14*	*1.0*	*50*	*0*	*104*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52.22*	*1.0*	*50*	*0*	*104*	*77 - 113*				
Surr: Dibromofluoromethane	*49.28*	*1.0*	*50*	*0*	*98.6*	*73 - 126*				
Surr: Toluene-d8	*48.82*	*1.0*	*50*	*0*	*97.6*	*81 - 120*				

LCS Sample ID: **LCS-112501** Units: **ug/L** Analysis Date: **02-Nov-2025 11:38**
Client ID: Run ID: **VOA13_525489** SeqNo: **9118281** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.59	1.0	20	0	108	74 - 120				
Ethylbenzene	22.05	2.0	20	0	110	77 - 117				
Toluene	21.41	2.0	20	0	107	77 - 118				
Xylenes, Total	66.08	6.0	60	0	110	75 - 122				
Surr: 1,2-Dichloroethane-d4	*48.96*	*1.0*	*50*	*0*	*97.9*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*50.11*	*1.0*	*50*	*0*	*100*	*77 - 113*				
Surr: Dibromofluoromethane	*47.17*	*1.0*	*50*	*0*	*94.3*	*73 - 126*				
Surr: Toluene-d8	*49.36*	*1.0*	*50*	*0*	*98.7*	*81 - 120*				

LCSD Sample ID: **LCSD-112501** Units: **ug/L** Analysis Date: **02-Nov-2025 12:01**
Client ID: Run ID: **VOA13_525489** SeqNo: **9118282** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.73	1.0	20	0	109	74 - 120	21.59	0.628	20	
Ethylbenzene	22.91	2.0	20	0	115	77 - 117	22.05	3.82	20	
Toluene	21.67	2.0	20	0	108	77 - 118	21.41	1.22	20	
Xylenes, Total	68.45	6.0	60	0	114	75 - 122	66.08	3.52	20	
Surr: 1,2-Dichloroethane-d4	*50.72*	*1.0*	*50*	*0*	*101*	*70 - 123*	*48.96*	*3.54*	*20*	
Surr: 4-Bromofluorobenzene	*51.28*	*1.0*	*50*	*0*	*103*	*77 - 113*	*50.11*	*2.3*	*20*	
Surr: Dibromofluoromethane	*48.26*	*1.0*	*50*	*0*	*96.5*	*73 - 126*	*47.17*	*2.29*	*20*	
Surr: Toluene-d8	*49.49*	*1.0*	*50*	*0*	*99.0*	*81 - 120*	*49.36*	*0.263*	*20*	

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25101532

QC BATCH REPORT

Batch ID: R525489 (0) **Instrument: VOA13** **Method: LOW LEVEL VOLATILES BY SW8260C**

The following samples were analyzed in this batch:

HS25101532-01	HS25101532-02	HS25101532-03	HS25101532-04
HS25101532-05	HS25101532-06	HS25101532-07	HS25101532-08
HS25101532-09	HS25101532-10	HS25101532-11	HS25101532-13

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25101532

QC BATCH REPORT

Batch ID: R525531 (0) **Instrument: VOA13** **Method: LOW LEVEL VOLATILES BY SW8260C**

MBLK Sample ID: **MBLK-251103** Units: **ug/L** Analysis Date: **03-Nov-2025 11:36**
Client ID: Run ID: **VOA13_525531** SeqNo: **9119206** 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	< 2.0	2.0								
Toluene	< 2.0	2.0								
Xylenes, Total	< 6.0	6.0								
Surr: 1,2-Dichloroethane-d4	*49.81*	*1.0*	*50*	*0*	*99.6*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*55.46*	*1.0*	*50*	*0*	*111*	*77 - 113*				
Surr: Dibromofluoromethane	*50.93*	*1.0*	*50*	*0*	*102*	*73 - 126*				
Surr: Toluene-d8	*48.87*	*1.0*	*50*	*0*	*97.7*	*81 - 120*				

LCS Sample ID: **LCS** Units: **ug/L** Analysis Date: **03-Nov-2025 10:27**
Client ID: Run ID: **VOA13_525531** SeqNo: **9119204** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.97	1.0	20	0	110	74 - 120				
Ethylbenzene	22.93	2.0	20	0	115	77 - 117				
Toluene	22.05	2.0	20	0	110	77 - 118				
Xylenes, Total	70.32	6.0	60	0	117	75 - 122				
Surr: 1,2-Dichloroethane-d4	*49.92*	*1.0*	*50*	*0*	*99.8*	*70 - 123*				
Surr: 4-Bromofluorobenzene	*52*	*1.0*	*50*	*0*	*104*	*77 - 113*				
Surr: Dibromofluoromethane	*49.97*	*1.0*	*50*	*0*	*99.9*	*73 - 126*				
Surr: Toluene-d8	*49.24*	*1.0*	*50*	*0*	*98.5*	*81 - 120*				

LCSD Sample ID: **LCSD** Units: **ug/L** Analysis Date: **03-Nov-2025 10:50**
Client ID: Run ID: **VOA13_525531** SeqNo: **9119205** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	22.32	1.0	20	0	112	74 - 120	21.97	1.55	20	
Ethylbenzene	23.15	2.0	20	0	116	77 - 117	22.93	0.963	20	
Toluene	22.27	2.0	20	0	111	77 - 118	22.05	0.997	20	
Xylenes, Total	69.75	6.0	60	0	116	75 - 122	70.32	0.808	20	
Surr: 1,2-Dichloroethane-d4	*48.93*	*1.0*	*50*	*0*	*97.9*	*70 - 123*	*49.92*	*2*	*20*	
Surr: 4-Bromofluorobenzene	*49.67*	*1.0*	*50*	*0*	*99.3*	*77 - 113*	*52*	*4.58*	*20*	
Surr: Dibromofluoromethane	*47.94*	*1.0*	*50*	*0*	*95.9*	*73 - 126*	*49.97*	*4.15*	*20*	
Surr: Toluene-d8	*48.97*	*1.0*	*50*	*0*	*97.9*	*81 - 120*	*49.24*	*0.544*	*20*	

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: HS25101532

QC BATCH REPORT

Batch ID: R525531 (0) **Instrument: VOA13** **Method: LOW LEVEL VOLATILES BY SW8260C**

MS Sample ID: **HS25101310-04MS** Units: **ug/L** Analysis Date: **03-Nov-2025 19:38**
Client ID: Run ID: **VOA13_525531** SeqNo: **9120303** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	23.73	1.0	20	0	119	70 - 127				
Ethylbenzene	24.51	2.0	20	0	123	70 - 124				
Toluene	23.81	2.0	20	0	119	70 - 123				
Xylenes, Total	73.48	6.0	60	0	122	70 - 130				
Surr: 1,2-Dichloroethane-d4	*50.98*	*1.0*	*50*	*0*	*102*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*49.89*	*1.0*	*50*	*0*	*99.8*	*77 - 113*				
Surr: Dibromofluoromethane	*49.33*	*1.0*	*50*	*0*	*98.7*	*77 - 123*				
Surr: Toluene-d8	*50.18*	*1.0*	*50*	*0*	*100*	*82 - 127*				

MSD Sample ID: **HS25101310-04MSD** Units: **ug/L** Analysis Date: **03-Nov-2025 20:01**
Client ID: Run ID: **VOA13_525531** SeqNo: **9120304** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	24	1.0	20	0	120	70 - 127	23.73	1.11	20	
Ethylbenzene	24.91	2.0	20	0	125	70 - 124	24.51	1.61	20	S
Toluene	24.09	2.0	20	0	120	70 - 123	23.81	1.14	20	
Xylenes, Total	75.31	6.0	60	0	126	70 - 130	73.48	2.46	20	
Surr: 1,2-Dichloroethane-d4	*50.49*	*1.0*	*50*	*0*	*101*	*70 - 126*	*50.98*	*0.974*	*20*	
Surr: 4-Bromofluorobenzene	*50.24*	*1.0*	*50*	*0*	*100*	*77 - 113*	*49.89*	*0.693*	*20*	
Surr: Dibromofluoromethane	*50.03*	*1.0*	*50*	*0*	*100*	*77 - 123*	*49.33*	*1.4*	*20*	
Surr: Toluene-d8	*49.16*	*1.0*	*50*	*0*	*98.3*	*82 - 127*	*50.18*	*2.06*	*20*	

The following samples were analyzed in this batch: HS25101532-09 HS25101532-12 HS25101532-14 HS25101532-15

ALS Houston, US Date: 11-Nov-25

Client: GHDHouston
Project: Chevron Grayburg 6-Inch Sec. 6 (Historical)
WorkOrder: **HS25101532**

QUALIFIERS, ACRONYMS, UNITS

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

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

Unit Reported	Description
mg/L	Milligrams per Liter

ALS Houston, US Date: 11-Nov-25

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2026
Arkansas	88-00356_2024	17-Mar-2026
California	2919 - 2025	30-Apr-2026
Dept of Defense	L24-240-R4	30-Apr-2026
Dept of Defense	L24-239-R1	30-Apr-2026
Florida	E87611-2025	30-Jun-2026
Illinois	200032 - 2025	31-Jul-2026
Kansas	KS-C25-00168	31-Jul-2026
Kentucky	123043-2025	30-Apr-2026
Louisiana	03087-2025	30-Jun-2026
Maine	2024017	23-Jun-2026
Maryland	343-2025-26	30-Jun-2026
Michigan	9971-2025	30-Apr-2026
Minnesota	2856348	31-Dec-2025
Missouri	136	30-Sep-2026
Nebraska	NE-OS-25-13 - 2025	30-Apr-2026
Nevada	NV-C25-00124 - 2025	31-Jul-2026
New Hampshire	209425	24-Apr-2026
New Jersey	TX008-2025	30-Jun-2026
New York	11707 - 2025	01-Apr-2026
North Carolina	624 - 2024	31-Dec-2025
Oklahoma	2023-140	31-Dec-2025
Oregon	TX200002-013	15-May-2026
Pennsylvania	019	01-Jul-2026
Tennessee	TN	30-Apr-2026
Texas	TX-C25-00104	30-Apr-2026
Utah	TX026932025-17	31-Jul-2026

ALS Houston, US Date: 11-Nov-25

Sample Receipt Checklist

Work Order ID: HS25101532 **Date/Time Received:** 29-Oct-2025 10:55

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

Completed By:	/S/ ruden.vakiari	30-Oct-2025 15:10	**Reviewed by:**	/S/ Beverly Mustafa	30-Oct-2025 16:25
	eSignature	Date/Time		eSignature	Date/Time

Matrices: W Carrier name: ALS Courier

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:351802;351803
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):	1.2UC/1.2C	IR#34
Cooler(s)/Kit(s):	53915	
Date/Time sample(s) sent to storage:	10/30/2025 15:10	

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:

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Chain of Custody Form

Page 1 of 2

COC ID: 351802

HS25101532

GHDHouston

Chevron Grayburg 6-Inch Sec. 6 (Historical)

ALS Project Manager:

Customer Information		Project Information		
Purchase Order		Project Name		A
Work Order		Project Number		B
Company Name		Bill To Company		C
Send Report To		Invoice Attn		D
Address		Address		E
				F
City/State/Zip		City/State/Zip		G
Phone		Phone		H
Fax		Fax		I
e-Mail Address		e-Mail Address		J

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	1260453?-MW-2-20251027	10-27-25	11:00	GW	ICE	3	X										
2	1260453?-MW-3-20251027	10-27-25	11:40	GW	ICE	3	X										
3	1260453?-MW-4-20251027	10-27-25	10:20	GW	ICE	3	X										
4	1260453?-MW-14-20251027	10-27-25	12:25	GW	ICE	3	X										
5	1260453?-MW-1-20251027	10-27-25	9:45	GW	ICE	3	X										
6	1260453?-MW-6-20251027	10-27-25	10:20	GW	ICE	3	X										
7	1260453?-MW-9-20251027	10-27-25	12:20	GW	ICE	3	X										
8	1260453?-MW-11-20251027	10-27-25	11:50	GW	ICE	3	X										
9	1260453?-MW-12-20251027	10-27-25	11:05	GW	ICE	3	X										
10	1260453?-MW-5-20251027	10-27-25	9:30	GW	ICE	3	X										

Sampler(s) Please Print & Sign	Shipment Method	Required Turnaround Time: (Check Box)	Results Due Date:
Kyle Miller			

Relinquished by:	Date:	Time:	Received by:	Notes:
	10-28-25	11:25		
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler ID / Cooler Temp. / QC Package: (Check One Box Below)
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

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

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

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Holland, MI +1 616 399 6070

Chain of Custody Form

Page 2 of 2

COC ID: 351803

HS25101532

GHDHouston

Chevron Grayburg 6-Inch Sec. 6 (Historical)

ALS Project Manager:

Customer Information		Project Information			
Purchase Order		Project Name		A	
Work Order		Project Number		B	
Company Name		Bill To Company		C	
Send Report To		Invoice Attn		D	
Address		Address		E	
				F	
City/State/Zip		City/State/Zip		G	
Phone		Phone		H	
Fax		Fax		I	
e-Mail Address		e-Mail Address		J	

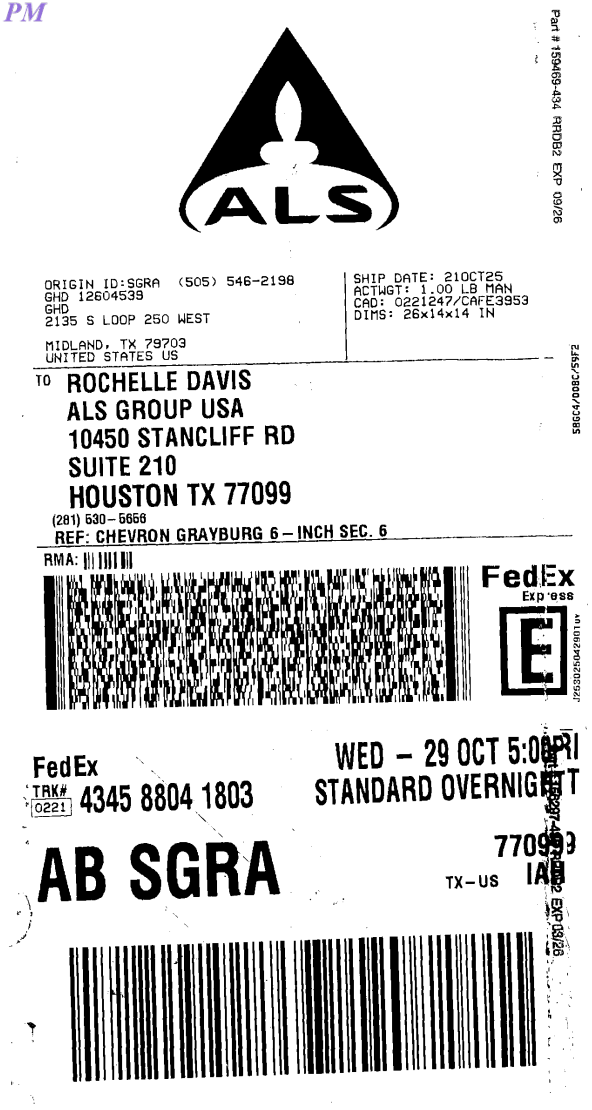
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	1260-4539-MW-13-20251023	10-23-25	9:40	GW	ICE	3	X										
2	1260-4539-MW-8-20251023	10-23-25	8:50	GW	ICE	6	X	X									
3	1260-4539-MW-10-20251023	10-23-25	9:05	GW	ICE	3	X										
4	1260-4539-DUP-01-20251023	10-23-25	—	GW	ICE	3	X										
5	Trip Blank						X										
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign	Shipment Method	Required Turnaround Time: (Check Box)	Results Due Date:
Kyle Miller			

Relinquished by:	Date:	Time:	Received by:	Notes:
	10-23-25	11:25		
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler ID / Cooler Temp. / QC Package: (Check One Box Below)
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

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

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.



Part # 159469-434 RRDB2 EXP 09/26

ORIGIN ID:SGRA (505) 546-2198
GHD 12604539
GHD
2135 S LOOP 250 WEST

MIDLAND, TX 79703
UNITED STATES US

SHIP DATE: 21OCT25
ACTWGT: 1.00 LB MAN
CAD: 0221247/CAFE3953
DIMS: 26x14x14 IN

TO ROCHELLE DAVIS
ALS GROUP USA
10450 STANCLIFF RD
SUITE 210
HOUSTON TX 77099
(281) 530-5656
REF: CHEVRON GRAYBURG 6 - INCH SEC. 6

RMA:

FedEx Express

FedEx
TRK# 0221 4345 8804 1803

WED - 29 OCT 5:00PM
STANDARD OVERNIGHT

AB SGRA

77099
TX-US IAH

Appendix C

Summary of Groundwater Gauging and Elevation Data (Historical)

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	08/28/12		3982.09	120.52	--	--	3861.57	--
MW-1	10/12/12		3982.09	120.6	--	--	3861.49	--
MW-1	03/14/13		3982.09	120.61	--	--	3861.48	--
MW-1	05/31/13		3982.09	120.64	--	--	3861.45	--
MW-1	08/23/13		3982.09	119.77	--	--	3862.32	--
MW-1	11/16/13		3982.09	124.78	--	--	3857.31	--
MW-1	11/21/13		3982.09	119.76	--	--	3862.33	--
MW-1	02/10/14		3982.09	121.12	--	--	3860.97	--
MW-1	05/07/14		3982.09	121.38	--	--	3860.71	--
MW-1	08/06/14		3982.09	121.63	--	--	3860.46	--
MW-1	11/18/14		3982.09	121.79	--	--	3860.3	--
MW-1	02/11/15		3982.09	121.91	--	--	3860.18	--
MW-1	05/05/15		3982.09	121.99	--	--	3860.1	--
MW-1	08/04/15		3982.09	121.18	--	--	3860.91	--
MW-1	11/20/15		3982.09	122.15	--	--	3859.94	--
MW-1	02/18/16		3982.09	122.45	--	--	3859.64	--
MW-1	05/02/16		3982.09	122.55	--	--	3859.54	--
MW-1	08/08/16		3982.09	122.6	--	--	3859.49	--
MW-1	10/12/16		3982.09	122.49	--	--	3859.6	128.68
MW-1	12/12/16		3982.09	122.31	--	--	3859.78	128.68
MW-1	03/15/17		3982.09	122.54	--	--	3859.55	128.63
MW-1	06/20/17		3982.09	122.34	--	--	3859.75	128.67
MW-1	09/18/17		3982.09	122.2	--	--	3859.89	130.71
MW-1	11/29/17		3982.09	122.2	--	--	3859.89	128.9
MW-1	01/24/18		3982.09	122.13	--	--	3859.96	--
MW-1	02/19/18		3982.09	122.11	--	--	3859.98	128.67
MW-1	03/09/18		3982.09	--	--	--	--	--
MW-1	05/11/18		3982.09	--	--	--	--	--
MW-1	05/23/18		3982.09	122.34	--	--	3859.75	128.79
MW-1	06/08/18		3982.09	--	--	--	--	--
MW-1	07/13/18		3982.09	--	--	--	--	--
MW-1	08/10/18		3982.09	--	--	--	--	--
MW-1	08/22/18		3982.09	122.55	--	--	3859.54	128.84
MW-1	10/19/18		3982.09	--	--	--	--	--
MW-1	11/09/18		3982.09	--	--	--	--	--
MW-1	11/14/18		3982.09	122.54	--	--	3859.55	--
MW-1	12/14/18		3982.09	--	--	--	--	--
MW-1	02/08/19		3982.09	122.77	--	--	3859.32	--
MW-1	02/25/19		3982.09	122.67	--	--	3859.42	128.84
MW-1	05/29/19		3982.09	122.86	--	--	3859.23	--
MW-1	06/13/19		3982.09	122.81	--	--	3859.28	--
MW-1	07/29/19		3982.09	122.95	--	--	3859.14	--
MW-1	10/16/19		3982.09	122.99	--	--	3859.1	--
MW-1	11/04/19		3982.09	--	--	--	--	--
MW-1	12/09/19		3982.09	--	--	--	--	--
MW-1	01/10/20		3982.09	--	--	--	--	--
MW-1	02/19/20		3982.09	--	--	--	--	--
MW-1	02/24/20		3982.09	123.07	--	--	3859.02	135.59
MW-1	03/13/20		3982.09	--	--	--	--	--
MW-1	04/29/20		3982.09	123.24	--	--	3858.85	--
MW-1	05/26/20		3982.09	123.14	--	--	3858.95	--
MW-1	06/16/20		3982.09	123.13	--	--	3858.96	--
MW-1	07/30/20		3982.09	123.14	--	--	3858.95	--
MW-1	08/26/20		3982.09	123.05	--	--	3859.04	--

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	09/17/20		3982.09	123.18	--	--	3858.91	128.9
MW-1	10/21/20		3982.09	123.2	--	--	3858.89	--
MW-1	11/04/20		3982.09	123.26	--	--	3858.83	--
MW-1	12/09/20		3982.09	123.22	--	--	3858.87	--
MW-1	01/28/21		3982.09	123.31	--	--	3858.78	--
MW-1	02/25/21		3982.09	123.33	--	--	3858.76	128.97
MW-1	03/24/21		3982.09	123.33	--	--	3858.76	--
MW-1	04/30/21		3982.09	123.33	--	--	3858.76	--
MW-1	05/11/21		3982.09	123.39	--	--	3858.7	--
MW-1	06/28/21		3982.09	123.33	--	--	3858.76	--
MW-1	07/27/21		3982.09	123.26	--	--	3858.83	--
MW-1	08/24/21		3982.09	123.25	--	--	3858.84	--
MW-1	09/30/21		3982.09	123.4	--	--	3858.69	128.97
MW-1	10/28/21		3982.09	123.45	--	--	3858.64	128.97
MW-1	11/16/21		3982.09	122.49	--	--	3859.6	128.97
MW-1	02/01/22		3982.09	123.78	--	--	3858.31	128.97
MW-1	02/22/22		3982.09	123.89	--	--	3858.2	128.91
MW-1	03/16/22		3982.09	123.91	--	--	3858.18	128.91
MW-1	04/11/22		3982.09	123.99	--	--	3858.1	128.91
MW-1	05/24/22		3982.09	124.16	--	--	3857.93	128.91
MW-1	06/15/22		3982.09	124.27	--	--	3857.82	128.91
MW-1	07/28/22		3982.09	124.25	--	--	3857.84	128.91
MW-1	08/24/22		3982.09	124.39	--	--	3857.7	128.91
MW-1	11/02/22		3982.09	124.55	--	--	3857.54	128.91
MW-1	01/23/23		3982.09	124.79	--	--	3857.3	128.91
MW-1	02/17/23		3982.09	124.85	--	--	3857.24	129.28
MW-1	03/01/23		3982.09	124.84	--	--	3857.25	129.28
MW-1	04/24/23		3982.09	125.37	--	--	3856.72	126.13
MW-1	05/09/23		3982.09	124.93	--	--	3857.16	126.13
MW-1	06/16/23		3982.09	124.83	--	--	3857.26	126.13
MW-1	07/21/23		3982.09	124.86	--	--	3857.23	126.13
MW-1	08/08/23		3982.09	124.86	--	--	3857.23	126.13
MW-1	09/15/23		3982.09	124.88	--	--	3857.21	126.13
MW-1	10/20/23		3982.09	124.87	--	--	3857.22	--
MW-1	11/16/23		3982.09	124.78	--	--	3857.31	--
MW-1	02/26/24		3982.09	124.86	--	--	3857.23	126.13
MW-1	05/20/24		3982.09	125	--	--	3857.09	129.08
MW-1	08/20/24		3982.09	125.07	--	--	3857.02	129.14
MW-1	11/18/24		3982.09	125.26	--	--	3856.83	129.2
MW-1	04/23/25		3982.09	125.49	--	--	3856.6	129.2
MW-1	06/09/25		3982.09	125.55	--	--	3856.54	129.15
MW-1	09/22/25		3982.09	125.6	--	--	3856.49	129
MW-1	10/27/25		3982.09	125.54	--	--	3856.55	129.05
MW-2	08/28/12		3981.21	119.61	--	--	3861.6	--
MW-2	10/12/12		3981.21	119.65	--	--	3861.56	--
MW-2	03/14/13		3981.21	119.68	--	--	3861.53	--
MW-2	05/31/13		3981.21	119.72	--	--	3861.49	--
MW-2	08/23/13		3981.21	118.92	--	--	3862.29	--
MW-2	11/16/13		3981.21	123.87	--	--	3857.34	--
MW-2	11/21/13		3981.21	118.96	--	--	3862.25	--
MW-2	02/10/14		3981.21	120.25	--	--	3860.96	--
MW-2	05/07/14		3981.21	120.45	--	--	3860.76	--
MW-2	08/06/14		3981.21	120.71	--	--	3860.5	--
MW-2	11/18/14		3981.21	120.86	--	--	3860.35	--

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-2	02/11/15		3981.21	121	--	--	3860.21	--
MW-2	05/05/15		3981.21	121.06	--	--	3860.15	--
MW-2	08/04/15		3981.21	121.27	--	--	3859.94	--
MW-2	11/20/15		3981.21	121.21	--	--	3860	--
MW-2	02/18/16		3981.21	121.5	--	--	3859.71	--
MW-2	05/02/16		3981.21	121.7	--	--	3859.51	--
MW-2	08/08/16		3981.21	121.72	--	--	3859.49	--
MW-2	10/12/16		3981.21	121.6	--	--	3859.61	127.2
MW-2	12/12/16		3981.21	121.43	--	--	3859.78	127.2
MW-2	03/15/17		3981.21	121.62	--	--	3859.59	127.17
MW-2	06/20/17		3981.21	121.45	--	--	3859.76	127.25
MW-2	09/18/17		3981.21	121.25	--	--	3859.96	127.19
MW-2	11/29/17		3981.21	121.29	--	--	3859.92	127.19
MW-2	01/24/18		3981.21	121.22	--	--	3859.99	--
MW-2	02/19/18		3981.21	121.2	--	--	3860.01	127.24
MW-2	03/09/18		3981.21	--	--	--	--	--
MW-2	05/11/18		3981.21	--	--	--	--	--
MW-2	05/23/18		3981.21	121.43	--	--	3859.78	127.31
MW-2	08/10/18		3981.21	--	--	--	--	--
MW-2	08/22/18		3981.21	121.63	--	--	3859.58	127.22
MW-2	11/09/18		3981.21	--	--	--	--	--
MW-2	11/14/18		3981.21	121.6	--	--	3859.61	--
MW-2	12/14/18		3981.21	--	--	--	--	--
MW-2	02/08/19		3981.21	121.87	--	--	3859.34	--
MW-2	02/25/19		3981.21	121.77	--	--	3859.44	127.22
MW-2	05/29/19		3981.21	121.96	--	--	3859.25	--
MW-2	07/11/19		3981.21	--	--	--	--	--
MW-2	07/29/19		3981.21	122.04	--	--	3859.17	--
MW-2	10/16/19		3981.21	122.06	--	--	3859.15	--
MW-2	02/24/20		3981.21	122.19	--	--	3859.02	127.41
MW-2	04/29/20		3981.21	122.35	--	--	3858.86	--
MW-2	05/26/20		3981.21	122.22	--	--	3858.99	--
MW-2	06/16/20		3981.21	123.5	--	--	3857.71	--
MW-2	07/30/20		3981.21	122.23	--	--	3858.98	--
MW-2	08/26/20		3981.21	123.52	--	--	3857.69	--
MW-2	09/17/20		3981.21	122.29	--	--	3858.92	127.38
MW-2	10/21/20		3981.21	122.27	--	--	3858.94	--
MW-2	11/04/20		3981.21	122.35	--	--	3858.86	--
MW-2	12/09/20		3981.21	122.29	--	--	3858.92	--
MW-2	01/28/21		3981.21	122.38	--	--	3858.83	--
MW-2	02/25/21		3981.21	122.44	--	--	3858.77	127.65
MW-2	03/24/21		3981.21	122.43	--	--	3858.78	--
MW-2	04/30/21		3981.21	122.45	--	--	3858.76	--
MW-2	05/11/21		3981.21	122.46	--	--	3858.75	--
MW-2	06/28/21		3981.21	122.41	--	--	3858.8	--
MW-2	07/27/21		3981.21	122.35	--	--	3858.86	--
MW-2	08/24/21		3981.21	122.35	--	--	3858.86	--
MW-2	09/30/21		3981.21	122.49	--	--	3858.72	127.65
MW-2	10/28/21		3981.21	122.54	--	--	3858.67	127.65
MW-2	11/16/21		3981.21	122.54	--	--	3858.67	127.65
MW-2	02/01/22		3981.21	122.86	--	--	3858.35	127.65
MW-2	02/22/22		3981.21	122.95	--	--	3858.26	127.65
MW-2	03/16/22		3981.21	123.02	--	--	3858.19	127.65
MW-2	04/11/22		3981.21	123.12	--	--	3858.09	127.65

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-2	05/24/22		3981.21	123.21	--	--	3858	127.65
MW-2	06/15/22		3981.21	123.35	--	--	3857.86	127.65
MW-2	07/28/22		3981.21	123.37	--	--	3857.84	127.65
MW-2	08/24/22		3981.21	123.52	--	--	3857.69	127.65
MW-2	11/02/22		3981.21	123.66	--	--	3857.55	127.65
MW-2	02/17/23		3981.21	123.93	--	--	3857.28	128.1
MW-2	05/09/23		3981.21	124.05	--	--	3857.16	128.1
MW-2	08/08/23		3981.21	123.95	--	--	3857.26	128.1
MW-2	11/16/23		3981.21	125.06	--	--	3856.15	--
MW-2	02/26/24		3981.21	123.99	--	--	3857.22	128.1
MW-2	05/20/24		3981.21	124.11	--	--	3857.1	127.8
MW-2	08/20/24		3981.21	124.59	--	--	3856.62	128.35
MW-2	11/18/24		3981.21	124.35	--	--	3856.86	128.15
MW-2	04/23/25		3981.21	124.58	--	--	3856.63	128.5
MW-2	06/09/25		3981.21	124.7	--	--	3856.51	128.5
MW-2	09/22/25		3981.21	124.7	--	--	3856.51	128.5
MW-2	10/27/25		3981.21	124.68	--	--	3856.53	128.35
MW-3	08/28/12		3982.31	120.76	--	--	3861.55	--
MW-3	10/12/12		3982.31	120.81	--	--	3861.5	--
MW-3	03/14/13		3982.31	120.85	--	--	3861.46	--
MW-3	05/31/13		3982.31	120.89	--	--	3861.42	--
MW-3	08/23/13		3982.31	119.85	--	--	3862.46	--
MW-3	11/16/13		3982.31	125.06	--	--	3857.25	--
MW-3	11/21/13		3982.31	119.9	--	--	3862.41	--
MW-3	02/10/14		3982.31	121.37	--	--	3860.94	--
MW-3	05/07/14		3982.31	121.62	--	--	3860.69	--
MW-3	08/06/14		3982.31	121.88	--	--	3860.43	--
MW-3	11/18/14		3982.31	122.04	--	--	3860.27	--
MW-3	02/11/15		3982.31	122.1	--	--	3860.21	--
MW-3	05/05/15		3982.31	122.16	--	--	3860.15	--
MW-3	08/04/15		3982.31	122.42	--	--	3859.89	--
MW-3	11/20/15		3982.31	122.48	--	--	3859.83	--
MW-3	02/18/16		3982.31	122.7	--	--	3859.61	--
MW-3	05/02/16		3982.31	122.8	--	--	3859.51	--
MW-3	08/08/16		3982.31	122.77	--	--	3859.54	--
MW-3	10/12/16		3982.31	122.76	--	--	3859.55	131.71
MW-3	12/12/16		3982.31	122.59	--	--	3859.72	131.71
MW-3	03/15/17		3982.31	122.79	--	--	3859.52	131.69
MW-3	06/20/17		3982.31	122.61	--	--	3859.7	131.66
MW-3	09/18/17		3982.31	122.45	--	--	3859.86	133.46
MW-3	11/29/17		3982.31	122.47	--	--	3859.84	131.61
MW-3	01/24/18		3982.31	122.39	--	--	3859.92	--
MW-3	02/19/18		3982.31	122.43	--	--	3859.88	131.56
MW-3	03/09/18		3982.31	--	--	--	--	--
MW-3	05/11/18		3982.31	--	--	--	--	--
MW-3	05/23/18		3982.31	122.61	--	--	3859.7	131.61
MW-3	08/10/18		3982.31	--	--	--	--	--
MW-3	08/22/18		3982.31	122.79	--	--	3859.52	131.54
MW-3	09/14/18		3982.31	--	--	--	--	--
MW-3	11/09/18		3982.31	--	--	--	--	--
MW-3	11/14/18		3982.31	122.77	--	--	3859.54	--
MW-3	12/14/18		3982.31	--	--	--	--	--
MW-3	01/11/19		3982.31	--	--	--	--	--
MW-3	02/08/19		3982.31	123.04	--	--	3859.27	--

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	02/25/19		3982.31	122.95	--	--	3859.36	131.54
MW-3	05/29/19		3982.31	123.1	--	--	3859.21	--
MW-3	06/13/19		3982.31	123.12	--	--	3859.19	--
MW-3	07/11/19		3982.31	--	--	--	--	--
MW-3	07/29/19		3982.31	123.21	--	--	3859.1	--
MW-3	09/13/19		3982.31	--	--	--	--	--
MW-3	10/16/19		3982.31	123.27	--	--	3859.04	--
MW-3	11/04/19		3982.31	--	--	--	--	--
MW-3	12/09/19		3982.31	--	--	--	--	--
MW-3	01/10/20		3982.31	--	--	--	--	--
MW-3	02/19/20		3982.31	--	--	--	--	--
MW-3	02/24/20		3982.31	123.39	--	--	3858.92	131.76
MW-3	03/13/20		3982.31	--	--	--	--	--
MW-3	04/29/20		3982.31	123.51	--	--	3858.8	--
MW-3	05/26/20		3982.31	123.4	--	--	3858.91	--
MW-3	06/16/20		3982.31	123.4	--	--	3858.91	--
MW-3	07/30/20		3982.31	123.4	--	--	3858.91	--
MW-3	08/26/20		3982.31	123.42	--	--	3858.89	--
MW-3	09/15/20		3982.31	123.44	--	--	3858.87	--
MW-3	09/15/20		3982.31	123.47	--	--	3858.84	--
MW-3	09/17/20		3982.31	123.45	--	--	3858.86	131.45
MW-3	10/21/20		3982.31	123.46	--	--	3858.85	--
MW-3	11/04/20		3982.31	123.57	--	--	3858.74	--
MW-3	12/09/20		3982.31	123.5	--	--	3858.81	--
MW-3	01/28/21		3982.31	123.63	--	--	3858.68	--
MW-3	02/25/21		3982.31	123.63	--	--	3858.68	131.47
MW-3	03/24/21		3982.31	123.59	--	--	3858.72	--
MW-3	04/30/21		3982.31	123.61	--	--	3858.7	--
MW-3	05/11/21		3982.31	123.66	--	--	3858.65	--
MW-3	06/28/21		3982.31	123.6	--	--	3858.71	--
MW-3	07/27/21		3982.31	123.52	--	--	3858.79	--
MW-3	08/24/21		3982.31	123.51	--	--	3858.8	--
MW-3	09/30/21		3982.31	123.67	--	--	3858.64	131.47
MW-3	10/28/21		3982.31	123.72	--	--	3858.59	131.47
MW-3	11/16/21		3982.31	123.7	--	--	3858.61	131.47
MW-3	02/01/22		3982.31	124.02	--	--	3858.29	131.47
MW-3	02/22/22		3982.31	124.17	--	--	3858.14	131.39
MW-3	03/16/22		3982.31	124.18	--	--	3858.13	131.39
MW-3	04/11/22		3982.31	124.25	--	--	3858.06	131.39
MW-3	05/24/22		3982.31	124.43	--	--	3857.88	131.39
MW-3	06/15/22		3982.31	124.52	--	--	3857.79	131.39
MW-3	07/28/22		3982.31	124.52	--	--	3857.79	131.39
MW-3	08/24/22		3982.31	124.68	--	--	3857.63	131.39
MW-3	11/02/22		3982.31	124.82	--	--	3857.49	131.39
MW-3	02/17/23	LNAPL	3982.31	125.11	125.1	0.01	3857.208	131.52
MW-3	04/24/23		3982.31	125.23	--	--	3857.08	131.52
MW-3	05/09/23		3982.31	125.21	--	--	3857.1	131.52
MW-3	06/16/23		3982.31	125.05	--	--	3857.26	131.52
MW-3	07/21/23		3982.31	125.09	--	--	3857.22	131.52
MW-3	08/08/23		3982.31	125.09	--	--	3857.22	131.52
MW-3	11/16/23		3982.31	125.18	--	--	3857.13	--
MW-3	02/26/24		3982.31	125.16	--	--	3857.15	131.52
MW-3	05/20/24		3982.31	125.24	--	--	3857.07	131.21
MW-3	08/20/24		3982.31	125.34	--	--	3856.97	131.33

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	11/18/24		3982.31	125.5	--	--	3856.81	131.3
MW-3	04/23/25		3982.31	125.75	--	--	3856.56	131.2
MW-3	06/09/25		3982.31	125.85	--	--	3856.46	131.2
MW-3	09/22/25		3982.31	125.87	--	--	3856.44	131.3
MW-3	10/27/25		3982.31	125.81	--	--	3856.5	131.05
MW-4	08/28/12		3982.48	120.88	--	--	3861.6	--
MW-4	10/12/12		3982.48	120.91	--	--	3861.57	--
MW-4	03/14/13		3982.48	120.96	--	--	3861.52	--
MW-4	05/31/13		3982.48	120.98	--	--	3861.5	--
MW-4	08/23/13		3982.48	120.84	--	--	3861.64	--
MW-4	11/16/13		3982.48	125.18	--	--	3857.3	--
MW-4	11/21/13		3982.48	120.86	--	--	3861.62	--
MW-4	02/10/14		3982.48	121.47	--	--	3861.01	--
MW-4	05/07/14		3982.48	121.7	--	--	3860.78	--
MW-4	08/06/14		3982.48	121.97	--	--	3860.51	--
MW-4	11/18/14		3982.48	122.1	--	--	3860.38	--
MW-4	02/11/15		3982.48	122.2	--	--	3860.28	--
MW-4	05/05/15		3982.48	122.3	--	--	3860.18	--
MW-4	08/04/15		3982.48	122.49	--	--	3859.99	--
MW-4	11/20/15		3982.48	122.51	--	--	3859.97	--
MW-4	02/17/16		3982.48	122.7	--	--	3859.78	--
MW-4	05/02/16		3982.48	123	--	--	3859.48	--
MW-4	08/08/16		3982.48	122.98	--	--	3859.5	--
MW-4	10/12/16		3982.48	122.84	--	--	3859.64	135.48
MW-4	12/12/16		3982.48	122.67	--	--	3859.81	135.48
MW-4	03/15/17		3982.48	122.84	--	--	3859.64	135.32
MW-4	06/20/17		3982.48	122.71	--	--	3859.77	135.31
MW-4	09/18/17		3982.48	122.57	--	--	3859.91	137.58
MW-4	11/29/17		3982.48	122.63	--	--	3859.85	136.05
MW-4	01/24/18		3982.48	122.5	--	--	3859.98	--
MW-4	02/19/18		3982.48	122.49	--	--	3859.99	135.24
MW-4	05/23/18		3982.48	122.71	--	--	3859.77	135.39
MW-4	08/22/18		3982.48	122.88	--	--	3859.6	135.41
MW-4	11/14/18		3982.48	122.88	--	--	3859.6	--
MW-4	02/25/19		3982.48	123.04	--	--	3859.44	135.41
MW-4	05/29/19		3982.48	123.24	--	--	3859.24	--
MW-4	07/29/19		3982.48	123.3	--	--	3859.18	--
MW-4	10/16/19		3982.48	123.36	--	--	3859.12	--
MW-4	02/24/20		3982.48	123.45	--	--	3859.03	135.59
MW-4	04/29/20		3982.48	123.7	--	--	3858.78	--
MW-4	05/26/20		3982.48	123.5	--	--	3858.98	--
MW-4	06/16/20		3982.48	122.23	--	--	3860.25	--
MW-4	07/30/20		3982.48	123.53	--	--	3858.95	--
MW-4	08/26/20		3982.48	122.24	--	--	3860.24	--
MW-4	09/17/20		3982.48	123.57	--	--	3858.91	135.65
MW-4	10/21/20		3982.48	123.57	--	--	3858.91	--
MW-4	11/04/20		3982.48	123.6	--	--	3858.88	--
MW-4	12/09/20		3982.48	123.6	--	--	3858.88	--
MW-4	01/28/21		3982.48	123.69	--	--	3858.79	--
MW-4	02/25/21		3982.48	123.71	--	--	3858.77	135.71
MW-4	03/24/21		3982.48	123.7	--	--	3858.78	--
MW-4	04/30/21		3982.48	123.7	--	--	3858.78	--
MW-4	05/11/21		3982.48	123.77	--	--	3858.71	--
MW-4	06/28/21		3982.48	123.71	--	--	3858.77	--

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	07/27/21		3982.48	123.64	--	--	3858.84	--
MW-4	08/24/21		3982.48	123.64	--	--	3858.84	--
MW-4	09/30/21		3982.48	123.77	--	--	3858.71	135.71
MW-4	10/28/21		3982.48	123.81	--	--	3858.67	135.71
MW-4	11/16/21		3982.48	123.82	--	--	3858.66	135.71
MW-4	02/01/22		3982.48	124.12	--	--	3858.36	135.71
MW-4	02/22/22		3982.48	124.13	--	--	3858.35	135.6
MW-4	03/16/22		3982.48	124.25	--	--	3858.23	135.6
MW-4	04/11/22		3982.48	124.39	--	--	3858.09	135.6
MW-4	05/24/22		3982.48	124.43	--	--	3858.05	135.6
MW-4	06/15/22		3982.48	124.54	--	--	3857.94	135.6
MW-4	07/28/22		3982.48	124.59	--	--	3857.89	135.6
MW-4	08/24/22		3982.48	124.74	--	--	3857.74	135.6
MW-4	11/02/22		3982.48	124.89	--	--	3857.59	135.6
MW-4	02/17/23		3982.48	125.18	--	--	3857.3	135.29
MW-4	05/09/23		3982.48	125.26	--	--	3857.22	135.29
MW-4	08/08/23		3982.48	125.17	--	--	3857.31	135.29
MW-4	11/16/23		3982.48	124.16	--	--	3858.32	--
MW-4	02/26/24		3982.48	125.24	--	--	3857.24	135.29
MW-4	05/20/24		3982.48	125.34	--	--	3857.14	135.53
MW-4	08/20/24		3982.48	125.44	--	--	3857.04	135.67
MW-4	11/18/24		3982.48	125.6	--	--	3856.88	135.7
MW-4	04/23/25		3982.48	125.86	--	--	3856.62	138
MW-4	06/09/25		3982.48	125.94	--	--	3856.54	136
MW-4	09/22/25		3982.48	126.02	--	--	3856.46	136.1
MW-4	10/27/25		3982.48	125.97	--	--	3856.51	136.1
MW-5	03/14/13		3981.45	119.94	--	--	3861.51	--
MW-5	05/31/13		3981.45	119.97	--	--	3861.48	--
MW-5	08/23/13		3981.45	120.35	--	--	3861.1	--
MW-5	11/16/13		3981.45	124.16	--	--	3857.29	--
MW-5	11/21/13		3981.45	120.35	--	--	3861.1	--
MW-5	02/10/14		3981.45	120.51	--	--	3860.94	--
MW-5	05/07/14		3981.45	120.67	--	--	3860.78	--
MW-5	08/06/14		3981.45	120.98	--	--	3860.47	--
MW-5	11/18/14		3981.45	121.11	--	--	3860.34	--
MW-5	02/11/15		3981.45	121.21	--	--	3860.24	--
MW-5	05/05/15		3981.45	121.31	--	--	3860.14	--
MW-5	08/04/15		3981.45	121.49	--	--	3859.96	--
MW-5	11/20/15		3981.45	121.48	--	--	3859.97	--
MW-5	02/17/16		3981.45	122	--	--	3859.45	--
MW-5	05/02/16		3981.45	122	--	--	3859.45	--
MW-5	08/08/16		3981.45	122.04	--	--	3859.41	--
MW-5	10/12/16		3981.45	121.83	--	--	3859.62	136.38
MW-5	12/12/16		3981.45	121.64	--	--	3859.81	136.38
MW-5	03/15/17		3981.45	121.85	--	--	3859.6	133.5
MW-5	06/20/17		3981.45	121.7	--	--	3859.75	136.34
MW-5	09/18/17		3981.45	121.53	--	--	3859.92	137.57
MW-5	11/29/17		3981.45	121.6	--	--	3859.85	136.36
MW-5	01/24/18		3981.45	121.5	--	--	3859.95	--
MW-5	02/19/18		3981.45	121.45	--	--	3860	136.33
MW-5	05/23/18		3981.45	121.68	--	--	3859.77	136.48
MW-5	06/08/18		3981.45	--	--	--	--	--
MW-5	07/13/18		3981.45	--	--	--	--	--
MW-5	08/10/18		3981.45	--	--	--	--	--

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	08/22/18		3981.45	121.87	--	--	3859.58	136.37
MW-5	10/19/18		3981.45	--	--	--	--	--
MW-5	11/14/18		3981.45	121.86	--	--	3859.59	--
MW-5	02/25/19		3981.45	122.03	--	--	3859.42	136.37
MW-5	05/29/19		3981.45	122.21	--	--	3859.24	--
MW-5	07/29/19		3981.45	122.29	--	--	3859.16	--
MW-5	10/16/19		3981.45	122.35	--	--	3859.1	--
MW-5	02/24/20		3981.45	122.44	--	--	3859.01	136.32
MW-5	04/29/20		3981.45	122.61	--	--	3858.84	--
MW-5	05/26/20		3981.45	122.5	--	--	3858.95	--
MW-5	06/16/20		3981.45	122.47	--	--	3858.98	--
MW-5	07/30/20		3981.45	122.48	--	--	3858.97	--
MW-5	08/26/20		3981.45	122.5	--	--	3858.95	--
MW-5	09/17/20		3981.45	122.55	--	--	3858.9	136.29
MW-5	10/21/20		3981.45	122.55	--	--	3858.9	--
MW-5	11/04/20		3981.45	122.63	--	--	3858.82	--
MW-5	12/09/20		3981.45	122.58	--	--	3858.87	--
MW-5	01/28/21		3981.45	122.66	--	--	3858.79	--
MW-5	02/25/21		3981.45	122.75	--	--	3858.7	136.42
MW-5	03/24/21		3981.45	122.69	--	--	3858.76	--
MW-5	04/30/21		3981.45	122.72	--	--	3858.73	--
MW-5	05/11/21		3981.45	127.75	--	--	3853.7	--
MW-5	06/28/21		3981.45	122.69	--	--	3858.76	--
MW-5	07/27/21		3981.45	122.6	--	--	3858.85	--
MW-5	08/24/21		3981.45	122.61	--	--	3858.84	--
MW-5	09/30/21		3981.45	122.74	--	--	3858.71	136.42
MW-5	10/28/21		3981.45	122.79	--	--	3858.66	136.42
MW-5	11/16/21		3981.45	122.8	--	--	3858.65	136.42
MW-5	02/01/22		3981.45	123.11	--	--	3858.34	136.42
MW-5	02/22/22		3981.45	123.22	--	--	3858.23	136.31
MW-5	03/16/22		3981.45	123.25	--	--	3858.2	136.31
MW-5	04/11/22		3981.45	123.37	--	--	3858.08	136.31
MW-5	05/24/22		3981.45	123.46	--	--	3857.99	136.31
MW-5	06/15/22		3981.45	123.53	--	--	3857.92	136.31
MW-5	07/28/22		3981.45	123.58	--	--	3857.87	136.31
MW-5	08/24/22		3981.45	123.73	--	--	3857.72	136.31
MW-5	11/02/22		3981.45	123.8	--	--	3857.65	136.31
MW-5	02/17/23		3981.45	124.11	--	--	3857.34	136.41
MW-5	05/09/23		3981.45	124.25	--	--	3857.2	136.41
MW-5	08/08/23		3981.45	124.17	--	--	3857.28	136.41
MW-5	11/16/23		3981.45	123.54	--	--	3857.91	--
MW-5	02/26/24		3981.45	124.27	--	--	3857.18	136.41
MW-5	05/20/24		3981.45	124.32	--	--	3857.13	136.25
MW-5	08/20/24		3981.45	124.42	--	--	3857.03	136.29
MW-5	11/18/24		3981.45	124.61	--	--	3856.84	136.35
MW-5	04/23/25		3981.45	124.87	--	--	3856.58	136.4
MW-5	06/09/25		3981.45	124.93	--	--	3856.52	136.35
MW-5	09/22/25		3981.45	124.97	--	--	3856.48	136.35
MW-5	10/27/25		3981.45	124.98	--	--	3856.47	136.2
MW-6	03/14/13		3982.27	120.83	--	--	3861.44	--
MW-6	05/31/13		3982.27	120.89	--	--	3861.38	--
MW-6	08/23/13		3982.27	121.31	--	--	3860.96	--
MW-6	11/16/13		3982.27	125.07	--	--	3857.2	--
MW-6	11/21/13		3982.27	121.37	--	--	3860.9	--

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	02/10/14		3982.27	121.36	--	--	3860.91	--
MW-6	05/07/14		3982.27	121.52	--	--	3860.75	--
MW-6	08/06/14		3982.27	121.84	--	--	3860.43	--
MW-6	11/18/14		3982.27	122	--	--	3860.27	--
MW-6	02/11/15		3982.27	122.12	--	--	3860.15	--
MW-6	05/05/15		3982.27	122.24	--	--	3860.03	--
MW-6	08/04/15		3982.27	122.39	--	--	3859.88	--
MW-6	11/20/15		3982.27	122.38	--	--	3859.89	--
MW-6	02/17/16		3982.27	122.5	--	--	3859.77	--
MW-6	05/02/16		3982.27	122.83	--	--	3859.44	--
MW-6	08/08/16		3982.27	122.85	--	--	3859.42	--
MW-6	10/12/16		3982.27	122.77	--	--	3859.5	140.61
MW-6	12/12/16		3982.27	122.54	--	--	3859.73	140.61
MW-6	03/15/17		3982.27	122.76	--	--	3859.51	133.75
MW-6	06/20/17		3982.27	122.6	--	--	3859.67	140.5
MW-6	09/18/17		3982.27	122.44	--	--	3859.83	141.21
MW-6	11/29/17		3982.27	122.49	--	--	3859.78	140.38
MW-6	01/24/18		3982.27	122.4	--	--	3859.87	--
MW-6	02/19/18		3982.27	122.38	--	--	3859.89	140.32
MW-6	03/09/18		3982.27	--	--	--	--	--
MW-6	04/13/18		3982.27	--	--	--	--	--
MW-6	05/11/18		3982.27	--	--	--	--	--
MW-6	05/23/18		3982.27	122.61	--	--	3859.66	140.31
MW-6	06/08/18		3982.27	--	--	--	--	--
MW-6	07/13/18		3982.27	--	--	--	--	--
MW-6	08/10/18		3982.27	--	--	--	--	--
MW-6	08/22/18		3982.27	122.81	--	--	3859.46	140.19
MW-6	09/14/18		3982.27	--	--	--	--	--
MW-6	10/19/18		3982.27	--	--	--	--	--
MW-6	11/09/18		3982.27	--	--	--	--	--
MW-6	11/14/18		3982.27	122.77	--	--	3859.5	--
MW-6	12/14/18		3982.27	--	--	--	--	--
MW-6	02/08/19		3982.27	123.07	--	--	3859.2	--
MW-6	02/25/19		3982.27	122.95	--	--	3859.32	140.19
MW-6	05/29/19		3982.27	123.11	--	--	3859.16	--
MW-6	07/29/19		3982.27	123.21	--	--	3859.06	--
MW-6	10/16/19		3982.27	123.26	--	--	3859.01	--
MW-6	11/04/19		3982.27	--	--	--	--	--
MW-6	12/09/19		3982.27	--	--	--	--	--
MW-6	01/10/20		3982.27	--	--	--	--	--
MW-6	02/19/20		3982.27	--	--	--	--	--
MW-6	02/24/20		3982.27	123.4	--	--	3858.87	139.87
MW-6	03/13/20		3982.27	--	--	--	--	--
MW-6	04/29/20		3982.27	123.51	--	--	3858.76	--
MW-6	05/26/20		3982.27	123.41	--	--	3858.86	--
MW-6	06/16/20		3982.27	123.41	--	--	3858.86	--
MW-6	07/30/20		3982.27	123.41	--	--	3858.86	--
MW-6	08/26/20		3982.27	123.44	--	--	3858.83	--
MW-6	09/17/20		3982.27	123.44	--	--	3858.83	139.72
MW-6	10/21/20		3982.27	123.46	--	--	3858.81	--
MW-6	11/04/20		3982.27	123.5	--	--	3858.77	--
MW-6	12/09/20		3982.27	123.5	--	--	3858.77	--
MW-6	01/28/21		3982.27	123.56	--	--	3858.71	--
MW-6	02/25/21		3982.27	123.62	--	--	3858.65	139.7

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	03/24/21		3982.27	123.6	--	--	3858.67	--
MW-6	04/30/21		3982.27	123.63	--	--	3858.64	--
MW-6	05/11/21		3982.27	123.66	--	--	3858.61	--
MW-6	06/28/21		3982.27	123.62	--	--	3858.65	--
MW-6	07/27/21		3982.27	123.55	--	--	3858.72	--
MW-6	08/24/21		3982.27	123.56	--	--	3858.71	--
MW-6	09/30/21		3982.27	123.65	--	--	3858.62	139.7
MW-6	10/28/21		3982.27	123.7	--	--	3858.57	139.7
MW-6	11/16/21		3982.27	123.71	--	--	3858.56	139.7
MW-6	02/01/22		3982.27	124.01	--	--	3858.26	139.7
MW-6	02/22/22		3982.27	124.12	--	--	3858.15	139.61
MW-6	03/16/22		3982.27	124.16	--	--	3858.11	139.61
MW-6	04/11/22		3982.27	124.28	--	--	3857.99	139.61
MW-6	05/24/22		3982.27	124.38	--	--	3857.89	139.61
MW-6	06/15/22		3982.27	124.47	--	--	3857.8	139.61
MW-6	07/28/22		3982.27	124.52	--	--	3857.75	139.61
MW-6	08/24/22		3982.27	124.67	--	--	3857.6	139.61
MW-6	11/02/22		3982.27	124.82	--	--	3857.45	139.61
MW-6	02/17/23		3982.27	125.05	--	--	3857.22	139.55
MW-6	05/09/23		3982.27	125.2	--	--	3857.07	139.55
MW-6	08/09/23		3982.27	125.14	--	--	3857.13	139.55
MW-6	09/15/23		--	125.17	--	--	--	139.55
MW-6	10/20/23		3982.27	125.13	--	--	3857.14	--
MW-6	11/16/23		3982.27	125.07	--	--	3857.2	--
MW-6	02/26/24		3982.27	125.13	--	--	3857.14	139.55
MW-6	05/20/24		3982.27	125.24	--	--	3857.03	139.45
MW-6	08/19/24		3982.27	125.35	--	--	3856.92	139.35
MW-6	11/18/24		3982.27	125.52	--	--	3856.75	141.14
MW-6	04/23/25		3982.27	125.8	--	--	3856.47	139.16
MW-6	06/09/25		3982.27	125.9	--	--	3856.37	139.1
MW-6	09/22/25		3982.27	125.89	--	--	3856.38	139
MW-6	10/27/25		3982.27	125.84	--	--	3856.43	139
MW-7	03/14/13	LNAPL	3981.71	120.27	120.23	0.04	3861.472	--
MW-7	05/31/13	LNAPL	3981.71	123.09	119.73	3.36	3861.342	--
MW-7	08/23/13	LNAPL	3981.71	123.39	119.57	3.82	3861.414	--
MW-7	11/16/13	LNAPL	3981.71	126.27	124.31	1.96	3857.028	--
MW-7	11/21/13	LNAPL	3981.71	123.41	119.59	3.82	3861.394	--
MW-7	02/10/14	LNAPL	3981.71	123.34	119.64	3.7	3861.367	--
MW-7	05/07/14	LNAPL	3981.71	127.88	119.85	8.03	3860.334	--
MW-7	05/16/14	LNAPL	3981.71	127.79	119.78	8.01	3860.408	--
MW-7	08/06/14	LNAPL	3981.71	122.03	121.04	0.99	3860.482	--
MW-7	11/18/14	LNAPL	3981.71	121.35	121.32	0.03	3860.384	--
MW-7	02/11/15	LNAPL	3981.71	121.54	121.46	0.08	3860.235	--
MW-7	05/05/15	LNAPL	3981.71	121.62	121.54	0.08	3860.155	--
MW-7	07/22/15	LNAPL	3981.71	121.67	121.55	0.12	3860.137	--
MW-7	12/02/15	LNAPL	3981.71	125.57	121.62	3.95	3859.34	--
MW-7	02/16/16	LNAPL	3981.71	124	122	2	3859.33	--
MW-7	05/02/16	LNAPL	3981.71	123.2	122.13	1.07	3859.377	--
MW-7	08/08/16	LNAPL	3981.71	124	122.12	1.88	3859.233	--
MW-7	10/12/16	LNAPL	3981.71	124.12	121.95	2.17	3859.348	133.45
MW-7	12/12/16	LNAPL	3981.71	125.84	121.53	4.31	3859.361	133.45
MW-7	03/15/17	LNAPL	3981.71	126.86	121.42	5.44	3859.256	133.45
MW-7	06/20/17	LNAPL	3981.71	126.57	121.28	5.29	3859.425	133.45
MW-7	09/18/17	LNAPL	3981.71	127.44	120.47	6.97	3859.916	133.45

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	11/29/17	LNAPL	3981.71	127.63	120.95	6.68	3859.491	133.45
MW-7	01/24/18	LNAPL	3981.71	127.55	120.84	6.71	3859.595	--
MW-7	02/19/18	LNAPL	3981.71	127.66	120.82	6.84	3859.59	--
MW-7	03/09/18		3981.71	--	--	--	--	--
MW-7	04/13/18		3981.71	--	--	--	--	--
MW-7	05/11/18		3981.71	--	--	--	--	--
MW-7	05/23/18	LNAPL	3981.71	125.05	121.53	3.52	3859.511	--
MW-7	06/08/18		3981.71	--	--	--	--	--
MW-7	07/11/18		3981.71	--	--	--	--	--
MW-7	07/13/18	LNAPL	3981.71	122.46	122.16	0.3	3859.493	--
MW-7	08/22/18	LNAPL	3981.71	125.87	121.61	4.26	3859.291	--
MW-7	09/14/18		3981.71	--	--	--	--	--
MW-7	10/19/18	LNAPL	3981.71	126.58	121.58	5	3859.18	--
MW-7	11/09/18	LNAPL	3981.71	125.74	121.7	4.04	3859.242	--
MW-7	11/14/18	LNAPL	3981.71	124.13	121.93	2.2	3859.362	--
MW-7	12/14/18	LNAPL	3981.71	126.34	121.65	4.69	3859.169	--
MW-7	01/11/19	LNAPL	3981.71	126.55	121.68	4.87	3859.105	--
MW-7	02/08/19	LNAPL	3981.71	126.26	121.75	4.51	3859.103	--
MW-7	02/25/19	LNAPL	3981.71	126.31	121.65	4.66	3859.175	--
MW-7	03/08/19	LNAPL	3981.71	127.15	121.65	5.5	3859.015	--
MW-7	05/21/19	LNAPL	3981.71	128.14	121.65	6.49	3858.827	--
MW-7	05/29/19	LNAPL	3981.71	126.52	121.93	4.59	3858.908	--
MW-7	06/13/19	LNAPL	3981.71	127.41	121.75	5.66	3858.885	--
MW-7	07/11/19	LNAPL	3981.71	127.59	121.78	5.81	3858.826	--
MW-7	07/29/19	LNAPL	3981.71	127.18	121.88	5.3	3858.823	--
MW-7	08/09/19	LNAPL	3981.71	126.36	122.09	4.27	3858.809	--
MW-7	09/13/19	LNAPL	3981.71	127.73	121.86	5.87	3858.735	--
MW-7	10/16/19	LNAPL	3981.71	127.76	121.85	5.91	3858.737	--
MW-7	11/04/19	LNAPL	3981.71	128.3	121.9	6.4	3858.594	--
MW-7	12/09/19	LNAPL	3981.71	123.44	122.8	0.64	3858.788	--
MW-7	01/10/20	LNAPL	3981.71	127.08	122.18	4.9	3858.599	--
MW-7	02/19/20	LNAPL	3981.71	127.79	121.99	5.8	3858.618	--
MW-7	02/24/20	LNAPL	3981.71	125.47	122.38	3.09	3858.743	--
MW-7	03/13/20	LNAPL	3981.71	122.86	122.86	0	3858.85	--
MW-7	04/29/20	LNAPL	3981.71	127.8	122.15	5.65	3858.487	--
MW-7	05/26/20	LNAPL	3981.71	127.53	122.07	5.46	3858.603	--
MW-7	06/11/20	LNAPL	3981.71	128.02	122.01	6.01	3858.558	--
MW-7	06/12/20		3981.71	122.85	--	--	3858.86	--
MW-7	06/16/20	LNAPL	3981.71	123.11	122.81	0.3	3858.843	--
MW-7	07/30/20	LNAPL	3981.71	127.77	122	5.77	3858.614	--
MW-7	08/26/20	LNAPL	3981.71	127.84	122.01	5.83	3858.592	--
MW-7	09/15/20	LNAPL	3981.71	127.09	122.06	5.03	3858.694	--
MW-7	09/15/20		3981.71	122.78	--	--	3858.93	--
MW-7	09/17/20	LNAPL	3981.71	122.92	122.89	0.03	3858.814	--
MW-7	10/21/20	LNAPL	3981.71	127.3	122.17	5.13	3858.565	--
MW-7	11/04/20	LNAPL	3981.71	126.64	122.35	4.29	3858.545	--
MW-7	12/09/20	LNAPL	3981.71	128.37	122.07	6.3	3858.443	--
MW-7	01/28/21	LNAPL	3981.71	128.7	122.12	6.58	3858.34	--
MW-7	02/25/21	LNAPL	3981.71	128.58	122.22	6.36	3858.281	133.11
MW-7	03/24/21	LNAPL	3981.71	127.19	122.33	4.86	3858.457	--
MW-7	04/30/21	LNAPL	3981.71	128.65	122.11	6.54	3858.357	--
MW-7	05/11/21	LNAPL	3981.71	128.84	122.13	6.71	3858.305	--
MW-7	06/28/21	LNAPL	3981.71	128.9	122.04	6.86	3858.367	--
MW-7	07/27/21	LNAPL	3981.71	128.67	121.99	6.68	3858.451	--

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	08/24/21	LNAPL	3981.71	128.96	121.95	7.01	3858.428	--
MW-7	09/30/21	LNAPL	3981.71	127.92	122.3	5.62	3858.342	133.11
MW-7	10/28/21	LNAPL	3981.71	127.97	122.35	5.62	3858.292	133.11
MW-7	11/16/21	LNAPL	3981.71	129.15	122.16	6.99	3858.222	133.11
MW-7	02/01/22	LNAPL	3981.71	129.08	122.55	6.53	3857.919	133.11
MW-7	02/22/22	LNAPL	3981.71	129.05	122.67	6.38	3857.828	133.02
MW-7	03/16/22	LNAPL	3981.71	129.33	122.71	6.62	3857.742	133.02
MW-7	04/11/22	LNAPL	3981.71	126.96	123.25	3.71	3857.755	133.02
MW-7	05/24/22	LNAPL	3981.71	126.35	123.54	2.81	3857.636	133.02
MW-7	06/15/22	LNAPL	3981.71	124.99	123.76	1.23	3857.716	133.02
MW-7	07/28/22	LNAPL	3981.71	124.4	123.97	0.43	3857.658	133.02
MW-7	08/24/22	LNAPL	3981.71	124.72	124.1	0.62	3857.492	133.02
MW-7	10/06/22	LNAPL	3981.71	124.39	124.25	0.14	3857.433	133.02
MW-7	10/06/22		3981.71	124.98	--	--	3856.73	133.02
MW-7	11/02/22	LNAPL	3981.71	124.21	124.18	0.03	3857.524	133.02
MW-7	11/02/22		3981.71	125.06	--	--	3856.65	133.02
MW-7	11/30/22	LNAPL	3981.71	124.62	124.51	0.11	3857.179	133.02
MW-7	11/30/22	LNAPL	3981.71	124.57	124.56	0.01	3857.148	133.02
MW-7	01/23/23	LNAPL	3981.71	125.28	124.44	0.84	3857.11	133.02
MW-7	02/17/23	LNAPL	3981.71	125.45	124.6	0.85	3856.948	133.33
MW-7	03/01/23	LNAPL	3981.71	125.61	124.51	1.1	3856.991	133.33
MW-7	04/24/23	LNAPL	3981.71	125.85	124.5	1.35	3856.954	133.33
MW-7	05/09/23	LNAPL	3981.71	126.09	124.38	1.71	3857.005	133.33
MW-7	06/16/23	LNAPL	3981.71	124.65	124.53	0.12	3857.157	133.33
MW-7	07/21/23	LNAPL	3981.71	124.62	124.5	0.12	3857.187	133.33
MW-7	08/31/23	LNAPL	3981.71	127.59	124.05	3.54	3856.987	--
MW-7	09/15/23	LNAPL	3981.71	128.15	124.4	3.75	3856.597	133.33
MW-7	10/20/23	LNAPL	3981.71	125.2	124.52	0.68	3857.061	--
MW-7	11/16/23	LNAPL	3981.71	126.27	124.31	1.96	3857.028	--
MW-7	02/26/24	LNAPL	3981.71	125.59	124.46	1.13	3857.035	--
MW-7	05/20/24	LNAPL	3981.71	127.57	124.25	3.32	3856.829	132.85
MW-7	08/20/24	LNAPL	3981.71	127.4	124.36	3.04	3854.31	132.93
MW-7	11/18/24	LNAPL	3981.71	129.27	124.39	4.88	3852.44	132.88
MW-7	04/23/25	LNAPL	3981.71	128.85	124.62	4.23	3856.286	132.9
MW-7	06/09/25	LNAPL	3981.71	125.15	124.25	0.9	3856.56	132.88
MW-7	09/22/25	LNAPL	3981.71	126.34	126.32	0.02	3855.386	133
MW-7	10/27/25	LNAPL	3981.71	125.55	125.53	0.02	3856.176	133
MW-8	11/16/13		3981.2	124.05	--	--	3857.15	--
MW-8	11/29/17		3981.2	121.46	--	--	3859.74	136.79
MW-8	01/24/18		3981.2	121.34	--	--	3859.86	--
MW-8	02/19/18		3981.2	121.34	--	--	3859.86	136.63
MW-8	03/09/18		3981.2	--	--	--	--	--
MW-8	04/13/18		3981.2	--	--	--	--	--
MW-8	05/11/18		3981.2	--	--	--	--	--
MW-8	05/23/18		3981.2	121.61	--	--	3859.59	136.8
MW-8	06/08/18		3981.2	--	--	--	--	--
MW-8	07/13/18		3981.2	--	--	--	--	--
MW-8	08/10/18		3981.2	--	--	--	--	--
MW-8	08/22/18		3981.2	121.77	--	--	3859.43	136.78
MW-8	09/14/18		3981.2	--	--	--	--	--
MW-8	11/09/18		3981.2	--	--	--	--	--
MW-8	11/14/18		3981.2	121.78	--	--	3859.42	--
MW-8	12/14/18		3981.2	--	--	--	--	--
MW-8	01/11/19		3981.2	--	--	--	--	--

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	02/08/19		3981.2	122.02	--	--	3859.18	--
MW-8	02/25/19		3981.2	121.94	--	--	3859.26	136.78
MW-8	03/08/19		3981.2	122	--	--	3859.2	--
MW-8	05/29/19		3981.2	122.1	--	--	3859.1	--
MW-8	06/13/19		3981.2	122.12	--	--	3859.08	--
MW-8	06/13/19		3981.2	--	--	--	--	--
MW-8	07/29/19		3981.2	122.2	--	--	3859	--
MW-8	09/13/19		3981.2	--	--	--	--	--
MW-8	10/16/19		3981.2	122.24	--	--	3858.96	--
MW-8	11/04/19		3981.2	--	--	--	--	--
MW-8	12/09/19		3981.2	--	--	--	--	--
MW-8	01/10/20		3981.2	--	--	--	--	--
MW-8	02/19/20		3981.2	--	--	--	--	--
MW-8	02/24/20		3981.2	122.34	--	--	3858.86	136.44
MW-8	03/13/20		3981.2	--	--	--	--	--
MW-8	04/29/20		3981.2	122.49	--	--	3858.71	--
MW-8	05/26/20		3981.2	122.39	--	--	3858.81	--
MW-8	06/16/20		3981.2	122.4	--	--	3858.8	--
MW-8	07/30/20		3981.2	122.39	--	--	3858.81	--
MW-8	08/26/20		3981.2	122.42	--	--	3858.78	--
MW-8	09/15/20		3981.2	122.42	--	--	3858.78	--
MW-8	09/15/20		3981.2	122.47	--	--	3858.73	--
MW-8	09/17/20		3981.2	122.4	--	--	3858.8	136.4
MW-8	10/21/20		3981.2	122.45	--	--	3858.75	--
MW-8	11/04/20		3981.2	122.51	--	--	3858.69	--
MW-8	12/09/20		3981.2	122.51	--	--	3858.69	--
MW-8	01/28/21		3981.2	122.57	--	--	3858.63	--
MW-8	02/25/21		3981.2	122.6	--	--	3858.6	136.44
MW-8	03/24/21		3981.2	122.58	--	--	3858.62	--
MW-8	04/30/21		3981.2	122.58	--	--	3858.62	--
MW-8	05/11/21		3981.2	122.63	--	--	3858.57	--
MW-8	06/28/21		3981.2	122.55	--	--	3858.65	--
MW-8	07/27/21		3981.2	122.5	--	--	3858.7	--
MW-8	08/24/21		3981.2	122.5	--	--	3858.7	--
MW-8	09/30/21		3981.2	122.66	--	--	3858.54	136.44
MW-8	10/28/21		3981.2	122.71	--	--	3858.49	136.44
MW-8	11/16/21		3981.2	122.73	--	--	3858.47	136.44
MW-8	02/01/22		3981.2	123.08	--	--	3858.12	136.44
MW-8	02/22/22		3981.2	123.14	--	--	3858.06	136.21
MW-8	03/16/22		3981.2	123.22	--	--	3857.98	136.21
MW-8	04/11/22		3981.2	123.28	--	--	3857.92	136.21
MW-8	05/24/22		3981.2	123.5	--	--	3857.7	136.21
MW-8	06/15/22		3981.2	123.51	--	--	3857.69	136.21
MW-8	07/28/22		3981.2	123.57	--	--	3857.63	136.21
MW-8	08/24/22		3981.2	123.72	--	--	3857.48	136.21
MW-8	11/02/22		3981.2	123.87	--	--	3857.33	136.21
MW-8	01/23/23		3981.2	124.12	--	--	3857.08	136.21
MW-8	02/17/23		3981.2	124.17	--	--	3857.03	136.18
MW-8	03/01/23		3981.2	124.17	--	--	3857.03	136.18
MW-8	04/24/23		3981.2	124.22	--	--	3856.98	136.14
MW-8	05/09/23		3981.2	124.17	--	--	3857.03	136.14
MW-8	06/16/23		3981.2	124.09	--	--	3857.11	136.14
MW-8	07/21/23		3981.2	124.13	--	--	3857.07	136.14
MW-8	08/09/23		3981.2	124.09	--	--	3857.11	136.14

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	09/15/23		3981.2	124.16	--	--	3857.04	136.14
MW-8	10/20/23		3981.2	124.13	--	--	3857.07	--
MW-8	11/16/23		3981.2	124.05	--	--	3857.15	--
MW-8	01/10/24		3981.2	124.16	--	--	3857.04	--
MW-8	02/26/24		3981.2	124.1	--	--	3857.1	136.14
MW-8	05/20/24		3981.2	124.26	--	--	3856.94	136.06
MW-8	08/20/24		3981.2	124.36	--	--	3856.84	136.12
MW-8	11/18/24		3981.2	124.42	--	--	3856.78	141.93
MW-8	04/23/25		3981.2	124.79	--	--	3856.41	142.15
MW-8	06/09/25		3981.2	124.9	--	--	3856.3	136.09
MW-8	09/22/25		3981.2	124.9	--	--	3856.3	136
MW-8	10/27/25		3981.2	124.82	--	--	3856.38	136.05
MW-9	11/16/13		3980.44	123.21	--	--	3857.23	--
MW-9	11/29/17		3980.44	120.65	--	--	3859.79	140.86
MW-9	01/24/18		3980.44	120.55	--	--	3859.89	--
MW-9	02/19/18		3980.44	120.52	--	--	3859.92	140.76
MW-9	05/23/18		3980.44	120.78	--	--	3859.66	140.83
MW-9	08/22/18		3980.44	120.98	--	--	3859.46	140.61
MW-9	11/14/18		3980.44	120.96	--	--	3859.48	--
MW-9	02/25/19		3980.44	121.14	--	--	3859.3	140.61
MW-9	05/29/19		3980.44	121.34	--	--	3859.1	--
MW-9	06/13/19		3980.44	121.3	--	--	3859.14	--
MW-9	06/13/19		3980.44	--	--	--	--	--
MW-9	07/29/19		3980.44	121.39	--	--	3859.05	--
MW-9	10/16/19		3980.44	121.46	--	--	3858.98	--
MW-9	11/04/19		3980.44	--	--	--	--	--
MW-9	12/09/19		3980.44	--	--	--	--	--
MW-9	01/10/20		3980.44	--	--	--	--	--
MW-9	02/19/20		3980.44	--	--	--	--	--
MW-9	02/24/20		3980.44	121.56	--	--	3858.88	140.78
MW-9	03/13/20		3980.44	--	--	--	--	--
MW-9	04/29/20		3980.44	121.69	--	--	3858.75	--
MW-9	05/26/20		3980.44	121.59	--	--	3858.85	--
MW-9	06/16/20		3980.44	121.57	--	--	3858.87	--
MW-9	07/30/20		3980.44	121.55	--	--	3858.89	--
MW-9	08/26/20		3980.44	121.6	--	--	3858.84	--
MW-9	09/17/20		3980.44	121.64	--	--	3858.8	140.51
MW-9	10/21/20		3980.44	121.63	--	--	3858.81	--
MW-9	11/04/20		3980.44	121.7	--	--	3858.74	--
MW-9	12/09/20		3980.44	121.66	--	--	3858.78	--
MW-9	01/28/21		3980.44	121.77	--	--	3858.67	--
MW-9	02/25/21		3980.44	121.88	--	--	3858.56	140.68
MW-9	03/24/21		3980.44	121.74	--	--	3858.7	--
MW-9	04/30/21		3980.44	121.8	--	--	3858.64	--
MW-9	05/11/21		3980.44	121.81	--	--	3858.63	--
MW-9	06/28/21		3980.44	121.73	--	--	3858.71	--
MW-9	07/27/21		3980.44	122.66	--	--	3857.78	--
MW-9	08/24/21		3980.44	121.66	--	--	3858.78	--
MW-9	09/30/21		3980.44	121.85	--	--	3858.58	140.68
MW-9	10/28/21		3980.44	121.9	--	--	3858.54	140.68
MW-9	11/16/21		3980.44	121.92	--	--	3858.52	140.68
MW-9	02/01/22		3980.44	122.27	--	--	3858.17	140.68
MW-9	02/22/22		3980.44	122.41	--	--	3858.03	140.54
MW-9	03/16/22		3980.44	122.41	--	--	3858.03	140.54

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	04/11/22		3980.44	122.5	--	--	3857.93	140.54
MW-9	05/24/22		3980.44	122.68	--	--	3857.76	140.54
MW-9	06/15/22		3980.44	122.78	--	--	3857.65	140.54
MW-9	07/28/22		3980.44	122.76	--	--	3857.68	140.54
MW-9	08/24/22		3980.44	122.94	--	--	3857.5	140.54
MW-9	11/02/22		3980.44	123.08	--	--	3857.36	140.54
MW-9	02/17/23		3980.44	123.35	--	--	3857.09	140.63
MW-9	05/09/23		3980.44	123.48	--	--	3856.96	140.63
MW-9	08/08/23		3980.44	123.3	--	--	3857.14	140.63
MW-9	11/16/23		3980.44	123.21	--	--	3857.23	--
MW-9	02/26/24		3980.44	123.29	--	--	3857.15	140.63
MW-9	05/20/24		3980.44	123.45	--	--	3856.99	140.43
MW-9	08/20/24		3980.44	123.56	--	--	3856.88	140.49
MW-9	11/18/24		3980.44	123.78	--	--	3856.66	140.51
MW-9	04/23/25		3980.44	124.05	--	--	3856.39	140.5
MW-9	06/09/25		3980.44	124.11	--	--	3856.33	141.54
MW-9	09/22/25		3980.44	124.06	--	--	3856.38	140.6
MW-9	10/27/25		3980.44	124.04	--	--	3856.4	140.45
MW-10	11/16/13		3980.06	122.94	--	--	3857.12	--
MW-10	11/29/17		3980.06	120.37	--	--	3859.69	142.13
MW-10	01/24/18		3980.06	120.24	--	--	3859.82	--
MW-10	02/19/18		3980.06	120.26	--	--	3859.8	142.11
MW-10	05/23/18		3980.06	120.5	--	--	3859.56	142.19
MW-10	08/22/18		3980.06	120.68	--	--	3859.38	141.96
MW-10	11/14/18		3980.06	120.67	--	--	3859.39	--
MW-10	02/25/19		3980.06	120.87	--	--	3859.19	141.96
MW-10	05/29/19		3980.06	121.03	--	--	3859.03	--
MW-10	06/13/19		3980.06	121.03	--	--	3859.03	--
MW-10	07/11/19		3980.06	--	--	--	--	--
MW-10	07/29/19		3980.06	121.11	--	--	3858.95	--
MW-10	10/16/19		3980.06	121.16	--	--	3858.9	--
MW-10	11/04/19		3980.06	--	--	--	--	--
MW-10	12/09/19		3980.06	--	--	--	--	--
MW-10	01/10/20		3980.06	--	--	--	--	--
MW-10	02/19/20		3980.06	--	--	--	--	--
MW-10	02/24/20		3980.06	121.26	--	--	3858.8	141.52
MW-10	03/13/20		3980.06	--	--	--	--	--
MW-10	04/29/20		3980.06	121.41	--	--	3858.65	--
MW-10	05/26/20		3980.06	121.31	--	--	3858.75	--
MW-10	06/16/20		3980.06	121.29	--	--	3858.77	--
MW-10	07/30/20		3980.06	121.28	--	--	3858.78	--
MW-10	08/26/20		3980.06	121.32	--	--	3858.74	--
MW-10	09/17/20		3980.06	121.34	--	--	3858.72	141.48
MW-10	10/21/20		3980.06	121.37	--	--	3858.69	--
MW-10	11/04/20		3980.06	121.42	--	--	3858.64	--
MW-10	12/09/20		3980.06	121.42	--	--	3858.64	--
MW-10	01/28/21		3980.06	121.49	--	--	3858.57	--
MW-10	02/25/21		3980.06	121.48	--	--	3858.58	141.3
MW-10	03/24/21		3980.06	121.46	--	--	3858.6	--
MW-10	04/30/21		3980.06	121.5	--	--	3858.56	--
MW-10	05/11/21		3980.06	121.54	--	--	3858.52	--
MW-10	06/28/21		3980.06	121.46	--	--	3858.6	--
MW-10	07/27/21		3980.06	121.37	--	--	3858.69	--
MW-10	08/24/21		3980.06	121.39	--	--	3858.67	--

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	09/30/21		3980.06	121.56	--	--	3858.5	141.3
MW-10	10/28/21		3980.06	121.63	--	--	3858.43	141.3
MW-10	11/16/21		3980.06	121.64	--	--	3858.42	141.3
MW-10	02/01/22		3980.06	122	--	--	3858.06	141.3
MW-10	02/22/22		3980.06	122.1	--	--	3857.96	141.25
MW-10	03/16/22		3980.06	122.13	--	--	3857.93	141.25
MW-10	04/11/22		3980.06	122.22	--	--	3857.84	141.25
MW-10	05/24/22		3980.06	122.42	--	--	3857.64	141.25
MW-10	06/15/22		3980.06	122.48	--	--	3857.58	141.25
MW-10	07/28/22		3980.06	122.51	--	--	3857.55	141.25
MW-10	08/24/22		3980.06	122.67	--	--	3857.39	141.25
MW-10	11/02/22		3980.06	122.46	--	--	3857.6	141.25
MW-10	02/17/23		3980.06	123.1	--	--	3856.96	141.28
MW-10	04/24/23		3980.06	123.18	--	--	3856.88	141.2
MW-10	05/09/23		3980.06	123.17	--	--	3856.89	141.2
MW-10	06/16/23		3980.06	123.03	--	--	3857.03	141.2
MW-10	07/21/23		3980.06	123.04	--	--	3857.02	141.2
MW-10	08/08/23		3980.06	123.05	--	--	3857.01	141.2
MW-10	09/15/23		3980.06	123.11	--	--	3856.95	141.2
MW-10	10/20/23		3980.06	123.09	--	--	3856.97	--
MW-10	11/16/23		3980.06	122.94	--	--	3857.12	--
MW-10	02/26/24		3980.06	123.01	--	--	3857.05	141.2
MW-10	05/20/24		3980.06	123.16	--	--	3856.9	141.14
MW-10	08/20/24		3980.06	123.25	--	--	3856.81	141.11
MW-10	11/18/24		3980.06	123.45	--	--	3856.61	141.43
MW-10	04/23/25		3980.06	123.7	--	--	3856.36	142.7
MW-10	06/09/25		3980.06	124.8	--	--	3855.26	140.95
MW-10	09/22/25		3980.06	123.76	--	--	3856.3	140.95
MW-10	10/27/25		3980.06	123.75	--	--	3856.31	140.9
MW-11	11/16/13		3981.92	124.69	--	--	3857.23	--
MW-11	11/29/17		3981.92	122.1	--	--	3859.82	143.19
MW-11	01/24/18		3981.92	122.03	--	--	3859.89	--
MW-11	02/19/18		3981.92	122	--	--	3859.92	142.1
MW-11	03/09/18		3981.92	--	--	--	--	--
MW-11	04/13/18		3981.92	--	--	--	--	--
MW-11	05/11/18		3981.92	--	--	--	--	--
MW-11	05/23/18		3981.92	122.25	--	--	3859.67	141.92
MW-11	06/08/18		3981.92	--	--	--	--	--
MW-11	07/13/18		3981.92	--	--	--	--	--
MW-11	08/10/18		3981.92	--	--	--	--	--
MW-11	08/22/18		3981.92	122.43	--	--	3859.49	141.86
MW-11	09/14/18		3981.92	--	--	--	--	--
MW-11	10/19/18		3981.92	--	--	--	--	--
MW-11	11/09/18		3981.92	--	--	--	--	--
MW-11	11/14/18		3981.92	122.41	--	--	3859.51	--
MW-11	12/14/18		3981.92	--	--	--	--	--
MW-11	01/11/19		3981.92	--	--	--	--	--
MW-11	02/08/19		3981.92	122.68	--	--	3859.24	--
MW-11	02/25/19		3981.92	122.61	--	--	3859.31	141.86
MW-11	05/29/19		3981.92	122.74	--	--	3859.18	--
MW-11	06/13/19		3981.92	122.76	--	--	3859.16	--
MW-11	07/11/19		3981.92	--	--	--	--	--
MW-11	07/29/19		3981.92	122.84	--	--	3859.08	--
MW-11	09/13/19		3981.92	--	--	--	--	--

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Notes	Top-of-Casing Elevation	Depth to Groundwater	Depth to LNAPL	Thickness of LNAPL	Corrected Groundwater Elevation	Total Depth of Well
MW-11	10/16/19		3981.92	122.89	--	--	3859.03	--
MW-11	02/24/20		3981.92	123	--	--	3858.92	142.94
MW-11	04/29/20		3981.92	123.16	--	--	3858.76	--
MW-11	05/26/20		3981.92	123.05	--	--	3858.87	--
MW-11	06/16/20		3981.92	123.05	--	--	3858.87	--
MW-11	07/30/20		3981.92	123.05	--	--	3858.87	--
MW-11	08/26/20		3981.92	123.08	--	--	3858.84	--
MW-11	09/17/20		3981.92	123.07	--	--	3858.85	141.79
MW-11	10/21/20		3981.92	123.11	--	--	3858.81	--
MW-11	11/04/20		3981.92	123.18	--	--	3858.74	--
MW-11	12/09/20		3981.92	123.19	--	--	3858.73	--
MW-11	01/28/21		3981.92	123.23	--	--	3858.69	--
MW-11	02/25/21		3981.92	123.25	--	--	3858.67	141.7
MW-11	03/24/21		3981.92	123.23	--	--	3858.69	--
MW-11	04/30/21		3981.92	123.24	--	--	3858.68	--
MW-11	05/11/21		3981.92	123.31	--	--	3858.61	--
MW-11	06/28/21		3981.92	123.24	--	--	3858.68	--
MW-11	07/27/21		3981.92	123.17	--	--	3858.75	--
MW-11	08/24/21		3981.92	123.18	--	--	3858.74	--
MW-11	09/30/21		3981.92	123.3	--	--	3858.62	141.7
MW-11	10/28/21		3981.92	123.37	--	--	3858.55	141.7
MW-11	11/16/21		3981.92	123.36	--	--	3858.56	141.7
MW-11	02/01/22		3981.92	123.71	--	--	3858.21	141.7
MW-11	02/22/22		3981.92	123.79	--	--	3858.13	141.69
MW-11	03/16/22		3981.92	123.81	--	--	3858.11	141.69
MW-11	04/11/22		3981.92	123.88	--	--	3858.04	141.69
MW-11	05/24/22		3981.92	124.1	--	--	3857.82	141.69
MW-11	05/24/22		3981.92	124.16	--	--	3857.76	141.69
MW-11	06/15/22		3981.92	124.12	--	--	3857.8	141.69
MW-11	08/24/22		3981.92	124.31	--	--	3857.61	141.69
MW-11	11/02/22		3981.92	124.46	--	--	3857.46	141.69
MW-11	01/23/23		3981.92	124.71	--	--	3857.21	141.69
MW-11	02/17/23		3981.92	124.73	--	--	3857.19	141.83
MW-11	03/01/23		3981.92	124.77	--	--	3857.15	141.83
MW-11	04/24/23		3981.92	124.85	--	--	3857.07	141.62
MW-11	05/09/23		3981.92	124.8	--	--	3857.12	141.62
MW-11	06/16/23		3981.92	124.71	--	--	3857.21	141.62
MW-11	07/21/23		3981.92	124.77	--	--	3857.15	141.62
MW-11	08/09/23		3981.92	124.71	--	--	3857.21	141.62
MW-11	09/15/23		3981.92	124.81	--	--	3857.11	141.62
MW-11	10/20/23		3981.92	124.78	--	--	3857.14	--
MW-11	11/16/23		3981.92	124.69	--	--	3857.23	--
MW-11	02/26/24		3981.92	124.74	--	--	3857.18	141.62
MW-11	05/20/24		3981.92	124.9	--	--	3857.02	141.54
MW-11	08/20/24		3981.92	124.98	--	--	3856.94	141.65
MW-11	11/18/24		3981.92	125.15	--	--	3856.77	146.52
MW-11	04/23/25		3981.92	125.42	--	--	3856.5	141.6
MW-11	06/09/25		3981.92	126.48	--	--	3855.44	141.65
MW-11	09/22/25		3981.92	125.56	--	--	3856.36	141.65
MW-11	10/27/25		3981.92	125.5	--	--	3856.42	141.6
MW-12	11/16/13	LNAPL	3982.15	125	124.98	0.02	3857.166	--
MW-12	01/24/17		3982.15	122.25	--	--	3859.9	--
MW-12	11/29/17		3982.15	122.35	--	--	3859.8	141.92
MW-12	02/19/18		3982.15	122.23	--	--	3859.92	143.32

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	03/09/18		3982.15	--	--	--	--	--
MW-12	04/13/18		3982.15	--	--	--	--	--
MW-12	05/11/18		3982.15	--	--	--	--	--
MW-12	05/23/18		3982.15	122.48	--	--	3859.67	142.25
MW-12	06/08/18		3982.15	--	--	--	--	--
MW-12	07/13/18		3982.15	--	--	--	--	--
MW-12	08/10/18		3982.15	--	--	--	--	--
MW-12	08/22/18		3982.15	122.67	--	--	3859.48	142.17
MW-12	09/14/18		3982.15	--	--	--	--	--
MW-12	10/19/18		3982.15	--	--	--	--	--
MW-12	11/09/18		3982.15	--	--	--	--	--
MW-12	11/14/18		3982.15	122.65	--	--	3859.5	--
MW-12	12/14/18		3982.15	--	--	--	--	--
MW-12	01/11/19		3982.15	--	--	--	--	--
MW-12	02/08/19		3982.15	122.94	--	--	3859.21	--
MW-12	02/25/19		3982.15	122.86	--	--	3859.29	142.17
MW-12	03/08/19		3982.15	122.88	--	--	3859.27	--
MW-12	05/29/19		3982.15	123	--	--	3859.15	--
MW-12	06/13/19		3982.15	123	--	--	3859.15	--
MW-12	07/11/19		3982.15	--	--	--	--	--
MW-12	07/29/19	LNAPL	3982.15	123.1	123.06	0.04	3859.083	--
MW-12	09/13/19		3982.15	--	--	--	--	--
MW-12	10/16/19	LNAPL	3982.15	123.22	123.12	0.1	3859.011	--
MW-12	11/04/19	LNAPL	3982.15	123.26	123.23	0.03	3858.914	--
MW-12	12/09/19		3982.15	--	--	--	--	--
MW-12	01/10/20	LNAPL	3982.15	123.48	123.25	0.23	3858.856	--
MW-12	02/19/20	LNAPL	3982.15	123.54	123.2	0.34	3858.885	--
MW-12	02/24/20	LNAPL	3982.15	123.38	123.2	0.18	3858.916	--
MW-12	03/13/20	LNAPL	3982.15	123.5	123.24	0.26	3858.861	--
MW-12	04/29/20	LNAPL	3982.15	123.76	123.34	0.42	3858.73	--
MW-12	05/26/20	LNAPL	3982.15	123.56	123.23	0.33	3858.857	--
MW-12	06/16/20	LNAPL	3982.15	123.65	123.22	0.43	3858.848	--
MW-12	07/30/20	LNAPL	3982.15	123.7	123.23	0.47	3858.831	--
MW-12	08/26/20	LNAPL	3982.15	123.66	123.25	0.41	3858.822	--
MW-12	09/15/20	LNAPL	3982.15	123.41	123.25	0.16	3858.87	--
MW-12	09/15/20	LNAPL	3982.15	123.71	123.32	0.39	3858.756	--
MW-12	09/17/20	LNAPL	3982.15	123.57	123.27	0.3	3858.823	--
MW-12	10/21/20	LNAPL	3982.15	123.8	123.28	0.52	3858.771	--
MW-12	11/04/20	LNAPL	3982.15	123.74	123.35	0.39	3858.726	--
MW-12	12/09/20	LNAPL	3982.15	123.91	123.34	0.57	3858.702	--
MW-12	01/28/21	LNAPL	3982.15	123.9	123.4	0.5	3858.655	--
MW-12	02/25/21	LNAPL	3982.15	123.88	123.38	0.5	3858.675	142.01
MW-12	03/24/21	LNAPL	3982.15	123.98	123.37	0.61	3858.664	--
MW-12	04/30/21	LNAPL	3982.15	124.19	123.37	0.82	3858.624	--
MW-12	05/11/21	LNAPL	3982.15	124.28	123.42	0.86	3858.567	--
MW-12	06/28/21	LNAPL	3982.15	124.36	123.31	1.05	3858.64	--
MW-12	07/27/21	LNAPL	3982.15	124.38	123.21	1.17	3858.718	--
MW-12	08/24/21	LNAPL	3982.15	124.53	123.21	1.32	3858.689	--
MW-12	09/30/21	LNAPL	3982.15	124.35	123.43	0.92	3858.545	142.01
MW-12	10/28/21	LNAPL	3982.15	124.4	123.48	0.92	3858.495	142.01
MW-12	11/16/21	LNAPL	3982.15	124.61	123.4	1.21	3858.52	142.01
MW-12	02/01/22	LNAPL	3982.15	124.53	123.8	0.73	3858.211	142.01
MW-12	02/22/22	LNAPL	3982.15	124.7	123.93	0.77	3858.074	142.18
MW-12	03/16/22	LNAPL	3982.15	124.75	123.96	0.79	3858.04	142.18

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	04/11/22	LNAPL	3982.15	124.9	124.08	0.82	3857.914	142.18
MW-12	05/24/22	LNAPL	3982.15	125.1	124.22	0.88	3857.763	142.18
MW-12	06/15/22	LNAPL	3982.15	124.87	124.25	0.62	3857.782	142.18
MW-12	07/25/22	LNAPL	3982.15	124.95	124.33	0.62	3857.702	142.18
MW-12	08/24/22	LNAPL	3982.15	125.13	124.47	0.66	3857.555	142.18
MW-12	10/06/22	LNAPL	3982.15	125.23	124.25	0.98	3857.714	142.18
MW-12	10/06/22	LNAPL	3982.15	124.69	124.68	0.01	3857.468	142.18
MW-12	11/02/22	LNAPL	3982.15	124.79	124.66	0.13	3857.465	142.18
MW-12	11/02/22	LNAPL	3982.15	124.78	124.76	0.02	3857.386	142.18
MW-12	11/30/22	LNAPL	3982.15	124.86	124.77	0.09	3857.363	142.18
MW-12	11/30/22	LNAPL	3982.15	124.74	124.73	0.01	3857.418	142.18
MW-12	01/23/23	LNAPL	3982.15	124.98	124.95	0.03	3857.194	142.18
MW-12	02/17/23	LNAPL	3982.15	124.94	124.92	0.02	3857.226	142.27
MW-12	03/01/23		3982.15	125.03	--	--	3857.12	142.27
MW-12	04/24/23		3982.15	125.08	--	--	3857.07	142.2
MW-12	05/09/23	LNAPL	3982.15	125.05	125	0.05	3857.14	142.2
MW-12	06/16/23	LNAPL	3982.15	124.94	124.92	0.02	3857.226	142.2
MW-12	07/21/23	LNAPL	3982.15	124.93	124.92	0.01	3857.228	142.2
MW-12	08/31/23		3982.15	125	--	--	3857.15	--
MW-12	09/15/23	LNAPL	3982.15	125.05	125.04	0.01	3857.108	142.2
MW-12	10/20/23	LNAPL	3982.15	125.04	125.03	0.01	3857.118	--
MW-12	11/16/23	LNAPL	3982.15	125	124.98	0.02	3857.166	--
MW-12	02/26/24	LNAPL	3982.15	125.04	125.03	0.01	3857.118	--
MW-12	05/20/24		3982.15	125.13	--	--	3857.02	142.16
MW-12	08/20/24		3982.15	125.21	--	--	3856.94	142.2
MW-12	11/18/24		3982.15	125.41	--	--	3856.74	142.18
MW-12	04/23/25		3982.15	125.66	--	--	3856.49	142.2
MW-12	06/09/25		3982.15	125.8	--	--	3856.35	142.8
MW-12	09/22/25		3982.15	125.74	--	--	3856.41	142.18
MW-12	10/27/25		3982.15	125.73	--	--	3856.42	143.25
MW-13	11/16/13		3980.82	123.54	--	--	3857.28	--
MW-13	11/29/17		3980.82	120.97	--	--	3859.85	141.79
MW-13	01/24/18		3980.82	120.89	--	--	3859.93	--
MW-13	02/19/18		3980.82	120.81	--	--	3860.01	141.93
MW-13	05/23/18		3980.82	121.07	--	--	3859.75	141.663
MW-13	08/22/18		3980.82	121.27	--	--	3859.55	141.63
MW-13	11/14/18		3980.82	121.26	--	--	3859.56	--
MW-13	02/25/19		3980.82	121.44	--	--	3859.38	141.63
MW-13	05/29/19		3980.82	121.62	--	--	3859.2	--
MW-13	07/29/19		3980.82	121.69	--	--	3859.13	--
MW-13	10/16/19		3980.82	121.74	--	--	3859.08	--
MW-13	02/24/20		3980.82	121.81	--	--	3859.01	141.36
MW-13	04/29/20		3980.82	122	--	--	3858.82	--
MW-13	05/26/20		3980.82	121.88	--	--	3858.94	--
MW-13	06/16/20		3980.82	121.89	--	--	3858.93	--
MW-13	07/30/20		3980.82	121.87	--	--	3858.95	--
MW-13	08/26/20		3980.82	121.9	--	--	3858.92	--
MW-13	09/17/20		3980.82	121.92	--	--	3858.9	141.31
MW-13	10/21/20		3980.82	121.93	--	--	3858.89	--
MW-13	11/04/20		3980.82	122.01	--	--	3858.81	--
MW-13	12/09/20		3980.82	121.97	--	--	3858.85	--
MW-13	01/28/21		3980.82	122.05	--	--	3858.77	--
MW-13	02/25/21		3980.82	122.11	--	--	3858.71	141.42
MW-13	03/24/21		3980.82	122.06	--	--	3858.76	--

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	04/30/21		3980.82	122.1	--	--	3858.72	--
MW-13	05/11/21		3980.82	122.13	--	--	3858.69	--
MW-13	06/28/21		3980.82	122.27	--	--	3858.55	--
MW-13	07/27/21		3980.82	121.97	--	--	3858.85	--
MW-13	08/24/21		3980.82	121.88	--	--	3858.94	--
MW-13	09/30/21		3980.82	122.37	--	--	3858.45	141.42
MW-13	10/28/21		3980.82	122.4	--	--	3858.42	141.42
MW-13	11/16/21		3980.82	122.48	--	--	3858.34	141.42
MW-13	02/01/22		3980.82	122.54	--	--	3858.28	141.42
MW-13	02/22/22		3980.82	122.64	--	--	3858.18	141.26
MW-13	03/16/22		3980.82	122.67	--	--	3858.15	141.26
MW-13	04/11/22		3980.82	122.82	--	--	3858	141.26
MW-13	05/24/22		3980.82	122.86	--	--	3857.96	141.26
MW-13	06/15/22		3980.82	123	--	--	3857.82	141.26
MW-13	07/28/22		3980.82	123.05	--	--	3857.77	141.26
MW-13	08/24/22		3980.82	123.19	--	--	3857.63	141.26
MW-13	11/02/22		3980.82	123.34	--	--	3857.48	141.26
MW-13	02/17/23		3980.82	123.63	--	--	3857.19	141.37
MW-13	05/09/23		3980.82	123.67	--	--	3857.15	141.37
MW-13	08/08/23		3980.82	123.59	--	--	3857.23	141.37
MW-13	11/16/23		3980.82	124.08	--	--	3856.74	--
MW-13	02/26/24		3980.82	123.64	--	--	3857.18	141.37
MW-13	05/20/24		3980.82	123.74	--	--	3857.08	141.2
MW-13	08/20/24		3980.82	123.83	--	--	3856.99	141.26
MW-13	11/18/24		3980.82	124.03	--	--	3856.79	141.3
MW-13	04/23/25		3980.82	124.28	--	--	3856.54	141.35
MW-13	06/09/25		3980.82	124.36	--	--	3856.46	141.2
MW-13	09/22/25		3980.82	124.35	--	--	3856.47	141.4
MW-13	10/27/25		3980.82	124.31	--	--	3856.51	141.15
MW-14	11/16/13		3981.35	124.08	--	--	3857.27	--
MW-14	11/29/17		3981.35	121.5	--	--	3859.85	142.01
MW-14	01/24/18		3981.35	121.45	--	--	3859.9	--
MW-14	02/19/18		3981.35	121.42	--	--	3859.93	142.51
MW-14	03/09/18		3981.35	--	--	--	--	--
MW-14	05/11/18		3981.35	--	--	--	--	--
MW-14	05/23/18		3981.35	121.63	--	--	3859.72	141.85
MW-14	08/22/18		3981.35	121.83	--	--	3859.52	141.77
MW-14	11/14/18		3981.35	121.77	--	--	3859.58	--
MW-14	02/25/19		3981.35	121.97	--	--	3859.38	141.77
MW-14	05/29/19		3981.35	122.15	--	--	3859.2	--
MW-14	07/29/19		3981.35	122.22	--	--	3859.13	--
MW-14	10/16/19		3981.35	122.26	--	--	3859.09	--
MW-14	02/24/20		3981.35	122.38	--	--	3858.97	141.49
MW-14	04/29/20		3981.35	122.53	--	--	3858.82	--
MW-14	05/26/20		3981.35	122.42	--	--	3858.93	--
MW-14	06/16/20		3981.35	122.42	--	--	3858.93	--
MW-14	07/30/20		3981.35	122.42	--	--	3858.93	--
MW-14	08/26/20		3981.35	122.44	--	--	3858.91	--
MW-14	09/17/20		3981.35	122.48	--	--	3858.87	141.44
MW-14	10/21/20		3981.35	122.48	--	--	3858.87	--
MW-14	11/04/20		3981.35	122.55	--	--	3858.8	--
MW-14	12/09/20		3981.35	122.52	--	--	3858.83	--
MW-14	01/28/21		3981.35	122.65	--	--	3858.7	--
MW-14	02/25/21		3981.35	122.67	--	--	3858.68	141.41

Appendix C

Historical Groundwater Gauging and Elevation Data
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

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	03/24/21		3981.35	122.61	--	--	3858.74	--
MW-14	04/30/21		3981.35	122.64	--	--	3858.71	--
MW-14	05/11/21		3981.35	122.67	--	--	3858.68	--
MW-14	06/28/21		3981.35	122.62	--	--	3858.73	--
MW-14	07/27/21		3981.35	122.55	--	--	3858.8	--
MW-14	08/24/21		3981.35	122.57	--	--	3858.78	--
MW-14	09/30/21		3981.35	122.68	--	--	3858.67	141.41
MW-14	10/28/21		3981.35	122.74	--	--	3858.61	141.41
MW-14	11/16/21		3981.35	122.76	--	--	3858.59	141.41
MW-14	02/01/22		3981.35	123.07	--	--	3858.28	141.41
MW-14	02/22/22		3981.35	123.15	--	--	3858.2	141.41
MW-14	03/16/22		3981.35	123.18	--	--	3858.17	141.41
MW-14	04/11/22		3981.35	123.32	--	--	3858.03	141.41
MW-14	05/24/22		3981.35	123.36	--	--	3857.99	141.41
MW-14	06/15/22		3981.35	123.48	--	--	3857.87	141.41
MW-14	07/28/22		3981.35	123.48	--	--	3857.87	141.41
MW-14	08/24/22		3981.35	123.67	--	--	3857.68	141.41
MW-14	11/02/22		3981.35	123.82	--	--	3857.53	141.41
MW-14	02/17/23		3981.35	124.12	--	--	3857.23	141.5
MW-14	05/09/23		3981.35	124.15	--	--	3857.2	141.5
MW-14	08/08/23		3981.35	124.12	--	--	3857.23	141.5
MW-14	11/16/23		3981.35	124.08	--	--	3857.27	--
MW-14	02/26/24		3981.35	124.16	--	--	3857.19	141.5
MW-14	05/20/24		3981.35	124.26	--	--	3857.09	141.33
MW-14	08/20/24		3981.35	124.35	--	--	3857	141.4
MW-14	11/18/24		3981.35	124.54	--	--	3856.81	141.5
MW-14	04/23/25		3981.35	124.81	--	--	3856.54	141.5
MW-14	06/09/25		3981.35	124.85	--	--	3856.5	141.45
MW-14	09/22/25		3981.35	124.89	--	--	3856.46	141.9
MW-14	10/27/25		3981.35	124.97	--	--	3856.38	141.5

Notes:
1. All dates are in the format: MM/DD/YY
2. --: No gauging data collected on corresponding date
3. LNAPL: Light Non-Aqueous Phase Liquids
4. Elevations of the potentiometric surface were calculated using a LNAPL specific gravity of 0.84 gram/cubic centimeter (g/cc)

Appendix D

Summary of Groundwater Analytical Results (Historical)

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				0.005	1	0.7	0.62
MW-1	07/03/12			0.362	0.132	<0.005	0.869
MW-1	10/12/12			1.64	0.476	0.274	0.264
MW-1	11/21/13			2.24	0.653	0.371	0.266
MW-1	02/10/14			2.64	1.04	0.572	0.482
MW-1	05/07/14			0.681	0.335	0.156	0.164
MW-1	08/06/14			0.891	0.594	0.201	0.245
MW-1	11/18/14			0.635	0.321	0.193	0.156
MW-1	02/11/15			0.0881	0.0549	0.0399	0.0285
MW-1	05/05/15			0.676	0.263	0.174	0.158
MW-1	08/04/15			1	0.622	0.336	0.266
MW-1	11/20/15			2.06	1.1	0.631	0.453
MW-1	02/18/16			0.37	0.0386	0.0419	0.0312
MW-1	05/02/16			0.708	0.332	0.217	0.188
MW-1	08/08/16			0.221	0.0196	0.0107	0.0211
MW-1	12/12/16	DUP		0.184	0.19	0.0535	0.0706
MW-1	12/12/16			0.199	0.199	0.0557	0.0765
MW-1	03/15/17			0.0271	0.0165	0.00356	0.00501
MW-1	06/20/17			0.0295	0.0658	0.0243	0.041
MW-1	09/18/17			0.101	0.152	0.0419	0.051
MW-1	11/29/17			0.255	0.233	0.0639	0.0787
MW-1	02/20/18	DUP		0.0671	0.0349	0.0211	0.017
MW-1	02/20/18			0.0763	0.0354	0.0238	0.0173
MW-1	05/24/18	DUP		0.155	0.0982	0.0396	0.082
MW-1	05/24/18			0.138	0.0893	0.0349	0.0677
MW-1	08/23/18	DUP		0.859	1.29	0.453	0.629
MW-1	08/23/18			0.887	1.39	0.498	0.698
MW-1	11/15/18	DUP		0.103	0.155	0.0605	0.0828
MW-1	11/15/18			0.222	0.373	0.115	0.148
MW-1	02/26/19			0.12	0.0863	0.0535	0.0495
MW-1	05/30/19			0.229	0.343	0.153	0.198
MW-1	07/30/19			0.162	0.148	0.0361	0.0848 J
MW-1	10/18/19			0.212	0.23	0.102	0.101
MW-1	02/25/20	DUP		0.0529	0.0876	0.0398	0.0696
MW-1	02/25/20			0.0537	0.105	0.0472	0.083
MW-1	05/27/20			0.0213	0.0462	0.0175	0.0201
MW-1	09/18/20	DUP		0.0243	0.0493	0.019	0.0337
MW-1	09/18/20			0.0263	0.0523	0.0204	0.0362
MW-1	11/04/20			0.0192	0.0275	0.0115	0.0151
MW-1	02/25/21	DUP		0.00522	0.0156	0.00656	0.0105
MW-1	02/25/21			0.00618	0.018	0.00752	0.0119
MW-1	05/12/21			0.038	0.0152	0.00876	0.0146
MW-1	08/25/21	DUP		0.0143	0.0452	0.0176	0.0326
MW-1	08/25/21			0.0137	0.0417	0.0164	0.0312
MW-1	11/16/21			0.092	0.283	0.11	0.132
MW-1	02/22/22			0.00796	0.0171	0.00659	0.0142
MW-1	05/25/22			0.0198	0.0812	0.0285	0.0511
MW-1	09/13/22			0.0458	0.0675	0.026	0.0532
MW-1	11/03/22			0.0683	0.15	0.0619	0.0908
MW-1	02/17/23			0.00734	0.0233	0.00765	0.0317
MW-1	05/09/23			0.0163	0.0666	0.0299	0.0643
MW-1	08/08/23			0.0177	0.0349	0.012	0.0252

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-1	11/16/23			**0.0351**	**0.0349**	**0.00856**	**0.0324**
MW-1	02/29/24			**0.00536**	**0.00431**	**0.00105**	**0.00379**
MW-1	05/20/24			**0.0059**	**0.019**	**0.0062**	**0.007**
MW-1	08/20/24			<0.001	**0.0035**	**0.002**	**0.0054**
MW-1	11/18/24			**0.0028**	**0.0096**	**0.0058**	**0.01**
MW-1	04/23/25			<0.002	**0.0025**	<0.002	**0.0068**
MW-1	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-1	09/22/25			**0.0026**	**0.0079**	**0.004**	**0.012**
MW-1	10/27/25			**0.012**	**0.015**	**0.01**	**0.02**
MW-2	07/03/12			<0.005	<0.005	<0.005	<0.015
MW-2	10/12/12			**0.0731**	**0.0478**	**0.0113**	**0.024**
MW-2	11/21/13			**0.393**	**0.0186**	**0.0509**	**0.0334**
MW-2	02/10/14			**0.2**	**0.23**	**0.099**	**0.172**
MW-2	05/07/14			**0.248**	**0.101**	**0.0719**	**0.067**
MW-2	08/06/14			**0.766**	**0.557**	**0.337**	**0.358**
MW-2	11/18/14			**0.0196**	**0.0132**	**0.00239**	**0.00715**
MW-2	02/11/15			**0.0558**	**0.0429**	**0.0031**	**0.0131**
MW-2	05/05/15			**0.126**	**0.0764**	**0.0541**	**0.0465**
MW-2	08/04/15			**0.0445**	**0.0671**	**0.0182**	**0.0278**
MW-2	11/20/15			**0.108**	**0.173**	**0.0624**	**0.0809**
MW-2	02/18/16			**0.0115**	**0.0167**	**0.00436**	**0.00848**
MW-2	05/02/16			**0.00768**	**0.012**	**0.00323**	**0.00434**
MW-2	08/08/16			**0.0163**	**0.0136**	**0.0102**	**0.0136**
MW-2	12/12/16			**0.0318**	**0.0458**	**0.00981**	**0.0275**
MW-2	03/15/17			<0.002	<0.002	<0.002	<0.002
MW-2	06/20/17			**0.0296**	**0.0469**	**0.00769**	**0.0218**
MW-2	09/18/17			**0.0385**	**0.0748**	**0.0188**	**0.0533**
MW-2	11/29/17			**0.0185**	**0.0298**	**0.00741**	**0.0173**
MW-2	02/20/18			<0.002	<0.002	<0.002	<0.002
MW-2	05/24/18			**0.00243**	**0.00297**	**0.00129 J**	**0.00225**
MW-2	08/23/18			**0.00766**	**0.0239**	**0.00979**	**0.077**
MW-2	11/14/18			**0.00229**	**0.00355**	**0.00054**	**0.00527**
MW-2	02/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	05/30/19			<0.00019	<0.000412	<0.00016	**0.00913 J**
MW-2	07/30/19			**0.000216**	<0.000412	<0.00016	**0.000526**
MW-2	10/16/19			**0.0026**	**0.000914 J**	<0.00016	**0.0038**
MW-2	02/25/20			**0.000297 J**	<0.000412	<0.00016	<0.00051
MW-2	05/27/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	09/18/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	11/04/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	05/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	08/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	11/16/21			**0.000123 J**	<0.000278	<0.000137	<0.000174
MW-2	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-2	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-2	05/09/23			**0.000288 J**	<0.001	<0.0005	<0.0015
MW-2	08/08/23			**0.00104 B**	<0.001	<0.0005	<0.0015

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-2	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-2	02/27/24			<0.0005	<0.001	<0.0005	<0.0015
MW-2	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-2	08/19/24			<0.001	<0.001	<0.001	<0.003
MW-2	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-2	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-2	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-2	09/22/25			<0.001	<0.002	<0.002	<0.006
MW-2	10/27/25			<0.001	<0.002	<0.002	<0.006
MW-3	07/03/12			**0.667**	**0.556**	**0.14**	**0.1972**
MW-3	10/12/12			**1.4**	**0.916**	**0.129**	**0.172**
MW-3	11/21/13			**0.0916**	**0.0624**	**0.0173**	**0.0342**
MW-3	02/10/14			**0.011**	**0.0205**	**0.01**	**0.0288**
MW-3	05/07/14			**0.104**	**0.0538**	**0.00786**	**0.0159**
MW-3	08/06/14			**0.29**	**0.158**	**0.0355**	**0.052**
MW-3	11/18/14			**0.298**	**0.0941**	**0.0238**	**0.0301**
MW-3	02/11/15			**0.24**	**0.0553**	**0.00988**	**0.0162**
MW-3	05/05/15			**0.349**	**0.115**	**0.0207**	**0.0362**
MW-3	08/04/15			**0.366**	**0.098**	**0.0239**	**0.038**
MW-3	11/20/15			**1.42**	**0.435**	**0.2**	**0.179**
MW-3	02/18/16			**0.152**	**0.0166**	**0.00579**	**0.00552**
MW-3	05/02/16			**0.0591**	**0.0184**	**0.00476**	**0.00833**
MW-3	08/08/16			**0.0256**	<0.002	<0.002	<0.002
MW-3	12/12/16			**0.129**	**0.0771**	**0.0105**	**0.0263**
MW-3	03/15/17	DUP		**0.0459**	**0.00418**	<0.002	<0.002
MW-3	03/15/17			**0.0513**	<0.002	**0.00294**	<0.002
MW-3	06/20/17	DUP		**0.142**	**0.0144**	**0.00237**	**0.00946**
MW-3	06/20/17			**0.157**	**0.016**	**0.00232**	**0.0107**
MW-3	09/18/17	DUP		**0.139**	**0.0514**	**0.0035**	**0.028**
MW-3	09/18/17			**0.109**	**0.0431**	**0.00263**	**0.0203**
MW-3	11/30/17			**0.0376**	**0.00174 J**	<0.002	**0.00133 J**
MW-3	02/20/18			**0.0356**	<0.002	<0.002	<0.002
MW-3	05/24/18			**0.0176**	<0.000367	<0.000657	<0.00063
MW-3	08/23/18			**0.0191**	<0.001	<0.0005	**0.00191**
MW-3	11/15/18	DUP		**0.025**	**0.00741**	**0.000719**	**0.00593**
MW-3	11/15/18			**0.0288**	**0.00933**	**0.000943**	**0.00735**
MW-3	02/26/19	DUP		**0.0161**	**0.000766 J**	**0.000187 J**	**0.000584 J**
MW-3	02/26/19			**0.0159**	**0.000793 J**	**0.000161 J**	<0.00051
MW-3	05/30/19			**0.0136**	**0.000825 J**	<0.00016	**0.000847 J**
MW-3	07/30/19			**0.00368**	<0.000412	<0.00016	**0.00355**
MW-3	10/16/19			**0.0025**	**0.000504 J**	<0.00016	**0.00397**
MW-3	02/25/20			**0.00082**	<0.000412	<0.00016	<0.00051
MW-3	05/27/20			**0.000825**	<0.000412	<0.00016	<0.00051
MW-3	09/18/20			**0.000475 J**	**0.000542 J**	**0.000615**	**0.00165**
MW-3	11/04/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-3	02/25/21			**0.000353 J**	<0.000412	<0.00016	<0.00051
MW-3	05/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-3	08/25/21			**0.000861**	<0.000412	<0.00016	<0.00051
MW-3	11/16/21			**0.000253 J**	<0.000278	<0.000137	<0.000174
MW-3	02/22/22	DUP		**0.000388 J**	**0.00175**	**0.000415 J**	**0.00304**
MW-3	02/22/22			**0.000335 J**	<0.000412	<0.00016	<0.00051

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-3	05/25/22			**0.000539 J**	<0.000998	<0.000462	<0.00132
MW-3	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-3	11/03/22			**0.007**	<0.000412	<0.00016	<0.00051
MW-3	02/17/23			**0.000617**	<0.000412	<0.00016	<0.00051
MW-3	05/09/23			**0.00177**	<0.001	<0.0005	<0.0015
MW-3	08/08/23			**0.00239 B**	<0.001	<0.0005	<0.0015
MW-3	11/16/23			**0.00254**	<0.001	<0.0005	<0.0015
MW-3	02/27/24			<0.0005	<0.001	<0.0005	<0.0015
MW-3	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-3	08/19/24			<0.001	<0.001	<0.001	<0.003
MW-3	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-3	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-3	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-3	09/22/25			<0.001	<0.002	<0.002	<0.006
MW-3	10/27/25			<0.001	<0.002	<0.002	<0.006
MW-4	07/03/12			<0.005	<0.005	<0.005	<0.015
MW-4	10/12/12			<0.001	<0.002	<0.001	<0.001
MW-4	11/21/13			**0.00255**	<0.002	<0.001	<0.001
MW-4	02/10/14			<0.001	<0.002	<0.001	<0.001
MW-4	05/07/14			<0.001	<0.002	<0.001	<0.001
MW-4	08/06/14			**0.00288**	**0.00409**	<0.001	<0.001
MW-4	11/18/14			<0.001	<0.002	<0.001	<0.001
MW-4	02/11/15			<0.001	<0.002	<0.001	<0.001
MW-4	05/05/15			<0.001	<0.002	<0.001	<0.001
MW-4	08/04/15			<0.001	<0.002	<0.001	<0.001
MW-4	11/20/15			<0.001	<0.002	<0.001	<0.001
MW-4	02/18/16			<0.001	<0.002	<0.001	<0.001
MW-4	05/02/16			<0.002	<0.002	<0.002	<0.002
MW-4	08/08/16			<0.002	<0.002	<0.002	<0.002
MW-4	12/12/16			<0.002	<0.002	<0.002	<0.002
MW-4	03/15/17			<0.002	<0.002	<0.002	<0.002
MW-4	06/20/17			<0.002	<0.002	<0.002	<0.002
MW-4	09/18/17			<0.002	<0.002	<0.002	<0.002
MW-4	11/29/17			<0.002	<0.002	<0.002	<0.002
MW-4	02/20/18			<0.002	<0.002	<0.002	<0.002
MW-4	05/24/18			<0.000408	<0.000367	<0.000657	<0.00063
MW-4	08/23/18			<0.0005	<0.001	<0.0005	<0.0015
MW-4	11/14/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	02/26/19	DUP		<0.00019	<0.000412	<0.00016	<0.00051
MW-4	02/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	05/30/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	07/30/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	10/17/19			**0.000201 J**	**0.000567 J**	**0.000252 J**	**0.000651 J**
MW-4	02/24/20			**0.00058**	<0.000412	**0.000283 J**	**0.000512 J**
MW-4	05/27/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	09/17/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	11/04/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	05/12/21			<0.00019	<0.000412	**0.00033 J**	<0.00051
MW-4	08/24/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	11/16/21			<0.0000941	<0.000278	<0.000137	<0.000174

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-4	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-4	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-4	05/09/23			<0.0005	<0.001	<0.0005	<0.0015
MW-4	08/08/23			<0.0005	<0.001	<0.0005	<0.0015
MW-4	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-4	02/27/24			<0.0005	<0.001	<0.0005	<0.0015
MW-4	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-4	08/20/24			<0.001	<0.001	<0.001	<0.003
MW-4	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-4	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-4	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-4	09/22/25			**0.0018**	<0.002	<0.002	<0.006
MW-4	10/27/25			<0.001	<0.002	<0.002	<0.006
MW-5	03/08/13			<0.00016	<0.005	<0.005	<0.015
MW-5	11/21/13			<0.00051	<0.002	<0.001	<0.001
MW-5	02/10/14			<0.001	<0.002	<0.001	<0.001
MW-5	05/07/14			<0.001	<0.002	<0.001	<0.001
MW-5	08/06/14			<0.001	<0.002	<0.001	<0.001
MW-5	11/18/14			<0.001	<0.002	<0.001	<0.001
MW-5	02/11/15			<0.001	<0.002	<0.001	<0.001
MW-5	05/05/15			<0.001	<0.002	<0.001	<0.001
MW-5	08/04/15			<0.001	<0.002	<0.001	<0.001
MW-5	11/20/15			<0.001	<0.002	<0.001	<0.001
MW-5	02/18/16			<0.001	<0.002	<0.001	<0.001
MW-5	05/02/16			<0.002	<0.002	<0.002	<0.002
MW-5	08/08/16			<0.002	<0.002	<0.002	<0.002
MW-5	12/12/16			<0.002	<0.002	<0.002	<0.002
MW-5	03/15/17			<0.002	<0.002	<0.002	<0.002
MW-5	06/20/17			<0.002	<0.002	<0.002	<0.002
MW-5	09/18/17			<0.002	<0.002	<0.002	<0.002
MW-5	11/29/17			<0.002	<0.002	<0.002	<0.002
MW-5	02/20/18			<0.002	<0.002	<0.002	<0.002
MW-5	05/24/18			<0.000408	<0.000367	<0.000657	<0.00063
MW-5	08/23/18			<0.0005	<0.001	<0.0005	<0.0015
MW-5	11/14/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	02/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	05/30/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	07/30/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	10/17/19	DUP		**0.000275 J**	<0.000412	<0.00016	<0.00051
MW-5	10/17/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	02/25/20			**0.000247 J**	<0.000412	<0.00016	<0.00051
MW-5	05/27/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	09/18/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	11/04/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	05/12/21			<0.00019	<0.000412	**0.000247 J**	<0.00051
MW-5	08/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	11/16/21			<0.0000941	<0.000278	<0.000137	<0.000174

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-5	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-5	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-5	05/09/23			<0.0005	<0.001	<0.0005	<0.0015
MW-5	08/08/23			**0.00111 B**	**0.00153 B**	**0.00061 B**	**0.0021 B**
MW-5	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-5	02/27/24			<0.0005	<0.001	<0.0005	<0.0015
MW-5	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-5	08/19/24			<0.001	<0.001	<0.001	<0.003
MW-5	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-5	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-5	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-5	09/22/25			<0.001	<0.002	<0.002	<0.006
MW-5	10/28/25			<0.001	<0.002	<0.002	<0.006
MW-6	03/08/13			<0.005	<0.005	<0.005	<0.015
MW-6	11/21/13			**0.00809**	**0.00242**	**0.00415**	**0.00918**
MW-6	02/10/14			**0.00111**	**0.00345**	**0.00359**	**0.0128**
MW-6	05/07/14			**0.0139**	**0.00579**	**0.00533**	**0.0132**
MW-6	08/06/14			**0.0191**	**0.00562**	**0.00258**	**0.00667**
MW-6	11/18/14			**0.00189**	<0.002	<0.001	<0.001
MW-6	02/11/15			**0.0147**	**0.00315**	<0.001	**0.00303**
MW-6	05/05/15			**0.0193**	**0.00499**	**0.00228**	**0.00459**
MW-6	08/04/15			**0.0678**	**0.019**	**0.0132**	**0.0259**
MW-6	11/20/15			**0.0062**	**0.00219**	**0.00168**	**0.00242**
MW-6	02/18/16			**0.0143**	**0.00343**	**0.00234**	**0.00517**
MW-6	05/02/16			<0.002	<0.002	<0.002	<0.002
MW-6	08/08/16			<0.002	<0.002	<0.002	<0.002
MW-6	12/12/16			**0.0123**	**0.00253**	<0.002	**0.00539**
MW-6	03/15/17			**0.00732**	<0.002	<0.002	**0.00201**
MW-6	06/20/17			**0.00755**	**0.0025**	<0.002	**0.00282**
MW-6	09/18/17			**0.0888**	**0.0193**	**0.011**	**0.0301**
MW-6	11/29/17	DUP		**0.0373**	**0.00448**	**0.00183 J**	**0.0066**
MW-6	11/29/17			**0.0297**	**0.00399**	**0.00138 J**	**0.00488**
MW-6	02/20/18			**0.0405**	**0.00952**	**0.00802**	**0.0188**
MW-6	05/24/18			**0.00091 J**	<0.000367	<0.000657	<0.00063
MW-6	08/23/18			**0.00179**	<0.001	<0.0005	**0.00229**
MW-6	11/14/18			**0.00372**	**0.000796 J**	<0.00016	**0.00369**
MW-6	02/26/19			<0.00019	<0.000412	<0.00016	**0.000644 J**
MW-6	05/30/19			**0.01**	**0.000972 J**	**0.00037 J**	**0.00374**
MW-6	07/30/19			**0.000772**	<0.000412	<0.00016	**0.000982**
MW-6	10/16/19			**0.00295**	<0.000412	<0.00016	**0.000861 J**
MW-6	02/25/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	05/27/20			<0.00019	<0.000412	**0.000208 J**	**0.000709 J**
MW-6	09/18/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	11/04/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	05/12/21			<0.00019	<0.000412	**0.000477 J**	<0.00051
MW-6	08/25/21			**0.000344 J**	<0.000412	<0.00016	<0.00051
MW-6	11/16/21			**0.000246 J**	<0.000278	<0.000137	**0.000208 J**

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-6	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-6	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	02/17/23	DUP		<0.00019	**0.000481 J**	<0.00016	<0.00051
MW-6	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-6	05/09/23			<0.0005	<0.001	<0.0005	<0.0015
MW-6	08/09/23			**0.0243**	**0.0103**	**0.0019 B**	**0.0159**
MW-6	11/16/23	DUP		<0.0005	<0.001	<0.0005	<0.0015
MW-6	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-6	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-6	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-6	08/19/24			<0.001	<0.001	<0.001	<0.003
MW-6	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-6	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-6	06/10/25			<0.002	<0.002	<0.002	<0.006
MW-6	09/23/25			<0.001	<0.002	<0.002	<0.006
MW-6	10/27/25			<0.001	<0.002	<0.002	<0.006
MW-7	03/08/13			**1.22**	**6.88**	**1.86**	**2.395**
MW-7	03/14/13		LNAPL	-	-	-	-
MW-7	05/31/13		LNAPL	-	-	-	-
MW-7	08/23/13		LNAPL	-	-	-	-
MW-7	11/16/13		LNAPL	-	-	-	-
MW-7	11/21/13		LNAPL	-	-	-	-
MW-7	02/10/14		LNAPL	-	-	-	-
MW-7	05/07/14		LNAPL	-	-	-	-
MW-7	05/16/14		LNAPL	-	-	-	-
MW-7	08/06/14		LNAPL	-	-	-	-
MW-7	11/18/14		LNAPL	-	-	-	-
MW-7	02/11/15		LNAPL	-	-	-	-
MW-7	05/05/15		LNAPL	-	-	-	-
MW-7	07/22/15		LNAPL	-	-	-	-
MW-7	12/02/15		LNAPL	-	-	-	-
MW-7	02/16/16		LNAPL	-	-	-	-
MW-7	05/02/16		LNAPL	-	-	-	-
MW-7	08/08/16		LNAPL	-	-	-	-
MW-7	10/12/16		LNAPL	-	-	-	-
MW-7	12/12/16		LNAPL	-	-	-	-
MW-7	03/15/17		LNAPL	-	-	-	-
MW-7	06/20/17		LNAPL	-	-	-	-
MW-7	09/18/17		LNAPL	-	-	-	-
MW-7	11/29/17		LNAPL	-	-	-	-
MW-7	01/24/18		LNAPL	-	-	-	-
MW-7	02/19/18		LNAPL	-	-	-	-
MW-7	05/23/18		LNAPL	-	-	-	-
MW-7	07/13/18		LNAPL	-	-	-	-
MW-7	08/22/18		LNAPL	-	-	-	-
MW-7	10/19/18		LNAPL	-	-	-	-
MW-7	11/09/18		LNAPL	-	-	-	-
MW-7	11/14/18		LNAPL	-	-	-	-
MW-7	12/14/18		LNAPL	-	-	-	-

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				0.005	1	0.7	0.62
MW-7	01/11/19		LNAPL	-	-	-	-
MW-7	02/08/19		LNAPL	-	-	-	-
MW-7	02/25/19		LNAPL	-	-	-	-
MW-7	03/08/19		LNAPL	-	-	-	-
MW-7	05/21/19		LNAPL	-	-	-	-
MW-7	05/29/19		LNAPL	-	-	-	-
MW-7	06/13/19		LNAPL	-	-	-	-
MW-7	07/11/19		LNAPL	-	-	-	-
MW-7	07/29/19		LNAPL	-	-	-	-
MW-7	08/09/19		LNAPL	-	-	-	-
MW-7	09/13/19		LNAPL	-	-	-	-
MW-7	10/16/19		LNAPL	-	-	-	-
MW-7	11/04/19		LNAPL	-	-	-	-
MW-7	12/09/19		LNAPL	-	-	-	-
MW-7	01/10/20		LNAPL	-	-	-	-
MW-7	02/19/20		LNAPL	-	-	-	-
MW-7	02/24/20		LNAPL	-	-	-	-
MW-7	03/13/20		LNAPL	-	-	-	-
MW-7	04/29/20		LNAPL	-	-	-	-
MW-7	05/26/20		LNAPL	-	-	-	-
MW-7	06/11/20		LNAPL	-	-	-	-
MW-7	06/16/20		LNAPL	-	-	-	-
MW-7	07/30/20		LNAPL	-	-	-	-
MW-7	08/26/20		LNAPL	-	-	-	-
MW-7	09/15/20		LNAPL	-	-	-	-
MW-7	09/17/20		LNAPL	-	-	-	-
MW-7	10/21/20		LNAPL	-	-	-	-
MW-7	11/04/20		LNAPL	-	-	-	-
MW-7	12/09/20		LNAPL	-	-	-	-
MW-7	01/28/21		LNAPL	-	-	-	-
MW-7	02/25/21		LNAPL	-	-	-	-
MW-7	03/24/21		LNAPL	-	-	-	-
MW-7	04/30/21		LNAPL	-	-	-	-
MW-7	05/11/21		LNAPL	-	-	-	-
MW-7	06/28/21		LNAPL	-	-	-	-
MW-7	07/27/21		LNAPL	-	-	-	-
MW-7	08/24/21		LNAPL	-	-	-	-
MW-7	09/30/21		LNAPL	-	-	-	-
MW-7	10/28/21		LNAPL	-	-	-	-
MW-7	11/16/21		LNAPL	-	-	-	-
MW-7	02/01/22		LNAPL	-	-	-	-
MW-7	02/22/22		LNAPL	-	-	-	-
MW-7	03/16/22		LNAPL	-	-	-	-
MW-7	04/11/22		LNAPL	-	-	-	-
MW-7	05/24/22		LNAPL	-	-	-	-
MW-7	06/15/22		LNAPL	-	-	-	-
MW-7	07/28/22		LNAPL	-	-	-	-
MW-7	08/24/22		LNAPL	-	-	-	-
MW-7	10/06/22		LNAPL	-	-	-	-
MW-7	11/02/22		LNAPL	-	-	-	-
MW-7	11/30/22		LNAPL	-	-	-	-

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				0.005	1	0.7	0.62
MW-7	01/23/23		LNAPL	-	-	-	-
MW-7	02/17/23		LNAPL	-	-	-	-
MW-7	03/01/23		LNAPL	-	-	-	-
MW-7	04/24/23		LNAPL	-	-	-	-
MW-7	05/09/23		LNAPL	-	-	-	-
MW-7	06/16/23		LNAPL	-	-	-	-
MW-7	07/21/23		LNAPL	-	-	-	-
MW-7	08/31/23		LNAPL	-	-	-	-
MW-7	09/15/23		LNAPL	-	-	-	-
MW-7	10/20/23		LNAPL	-	-	-	-
MW-7	11/16/23		LNAPL	-	-	-	-
MW-7	02/26/24		LNAPL	-	-	-	-
MW-7	05/20/24		LNAPL	-	-	-	-
MW-7	08/20/24		LNAPL	-	-	-	-
MW-7	11/18/24		LNAPL	-	-	-	-
MW-7	04/23/25		LNAPL	-	-	-	-
MW-7	06/09/25		LNAPL	-	-	-	-
MW-7	09/22/25		LNAPL	-	-	-	-
MW-7	10/27/25		LNAPL	-	-	-	-
MW-8	11/30/17			0.363	0.314	0.314	0.704
MW-8	02/20/18	DUP		3.47	0.825	0.261	0.501
MW-8	02/20/18			1.91	0.868	0.273	0.512
MW-8	05/24/18	DUP		1.87	0.524	0.176	0.242
MW-8	05/24/18			1.94	0.548	0.149	0.211
MW-8	08/23/18	DUP		4.92	3.43	0.489	0.911
MW-8	08/23/18			5.43	3.84	0.494	1.11
MW-8	11/15/18			2.56	0.893	0.258	0.395
MW-8	02/26/19			2.18	0.341	0.0861	0.163
MW-8	05/30/19	DUP		3.37	1.53	0.135	0.394
MW-8	05/30/19			3.57	1.56	0.205	0.59
MW-8	07/30/19	DUP		3.24	0.521	0.0849	0.211
MW-8	07/30/19			3.06	0.518	0.102	0.261
MW-8	10/17/19			1.82	0.191	0.0981	0.227
MW-8	02/24/20			2.22	0.783	0.099	0.412
MW-8	05/27/20			3.06	0.876	0.0507	0.232
MW-8	09/17/20			2.01	0.0873	0.0371	0.187
MW-8	11/04/20			2.42	0.751	0.0879	0.344
MW-8	02/25/21			2.63	1.07	0.103	0.481
MW-8	05/12/21	DUP		2.09	0.192	0.0396	0.179
MW-8	05/12/21			1.78	0.24	0.0417	0.204
MW-8	08/24/21			2.63	1.3	0.0945	0.668
MW-8	11/16/21			1.61	0.403	0.0499	0.24
MW-8	02/22/22			1.56	0.149	0.0237	0.119
MW-8	05/25/22			2	0.368	0.035	0.224
MW-8	09/13/22			2.14	0.47	0.0322	0.217
MW-8	11/03/22	DUP		1.44	0.11	0.0276	0.132
MW-8	11/03/22			1.19	0.0615	0.0222	0.106
MW-8	02/17/23			1.92	1.91	0.0362	0.354
MW-8	05/09/23	DUP		2.08	0.997	0.0621	0.586
MW-8	05/09/23			2.41	1.19	0.0716	0.68
MW-8	08/09/23			3.68	0.62	0.0542	0.394

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-8	11/16/23			**2.88**	**0.311**	**0.0649**	**0.492**
MW-8	02/29/24	DUP		**3.03**	**0.657**	**0.0594**	**0.444**
MW-8	02/29/24			**2.48**	**0.547**	**0.048**	**0.516**
MW-8	05/20/24	DUP		**1.1**	**0.28**	**0.021**	**0.26**
MW-8	05/20/24			**1.2**	**0.33**	**0.024**	**0.3**
MW-8	08/19/24	DUP		**0.38**	**0.18**	**0.0088**	**0.094**
MW-8	08/19/24			**0.53**	**0.14**	**0.008**	**0.089**
MW-8	11/19/24	DUP		**0.066**	**0.02**	**0.0023**	**0.018**
MW-8	11/19/24			**0.062**	**0.018**	**0.0021**	**0.016**
MW-8	04/23/25	DUP		**0.16**	**0.074**	<0.002	**0.037**
MW-8	04/23/25			**0.16**	**0.072**	<0.002	**0.035**
MW-8	06/09/25	DUP		**0.25**	**0.045**	**0.028**	**0.091**
MW-8	06/09/25			**0.26**	**0.045**	**0.028**	**0.093**
MW-8	09/22/25	DUP		**0.57**	**0.25**	<0.02	**0.19**
MW-8	09/22/25			**0.6**	**0.25**	**0.018**	**0.2**
MW-8	10/28/25	DUP		**1.3**	**0.6**	<0.05	**0.36**
MW-8	10/28/25			**2.3**	<0.1	<0.1	<0.3
MW-9	11/30/17			<0.002	**0.00167 J**	**0.00125 J**	**0.00131 J**
MW-9	02/20/18			<0.002	<0.002	<0.002	<0.002
MW-9	05/24/18			**0.00381**	<0.000367	<0.000657	<0.00063
MW-9	08/23/18			**0.0086**	<0.001	<0.0005	**0.00161**
MW-9	11/15/18			**0.0323**	**0.00126**	**0.00365**	**0.0023**
MW-9	02/26/19			**0.0231**	**0.00116**	**0.000222 J**	<0.00015
MW-9	05/30/19			**0.0513**	**0.00219**	<0.00016	**0.00616**
MW-9	07/30/19			**0.0474**	**0.000835**	**0.000327**	**0.00497**
MW-9	10/17/19			**0.00928**	**0.000656 J**	<0.00016	**0.0106**
MW-9	02/25/20	DUP		**0.00609**	<0.000412	<0.00016	<0.00051
MW-9	02/25/20			**0.00571**	<0.000412	<0.00016	<0.00051
MW-9	05/27/20	DUP		**0.00984**	<0.000412	**0.000192 J**	**0.00115 J**
MW-9	05/27/20			**0.00401**	<0.000412	<0.00016	<0.00051
MW-9	09/18/20			**0.0053**	<0.000412	<0.00016	<0.00051
MW-9	11/04/20	DUP		**0.00281**	**0.000463 J**	**0.000172 J**	<0.00051
MW-9	11/04/20			**0.00318**	<0.000412	<0.00016	<0.00051
MW-9	02/25/21			**0.00301**	<0.000412	<0.00016	<0.00051
MW-9	05/12/21			**0.00229**	**0.000458 J**	<0.00016	<0.00051
MW-9	08/25/21			**0.00351**	<0.000412	<0.00016	<0.00051
MW-9	11/16/21			**0.00343**	<0.000278	**0.000146 J**	**0.000422 J**
MW-9	02/22/22			**0.00144**	**0.000453 J**	<0.00016	<0.00051
MW-9	05/25/22			**0.00176 J**	<0.000998	<0.000462	<0.00132
MW-9	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-9	11/03/22			**0.00459**	<0.000412	<0.00016	<0.00051
MW-9	02/17/23			**0.000624**	<0.000412	<0.00016	<0.00051
MW-9	05/09/23			**0.000435 J**	<0.001	<0.0005	<0.0015
MW-9	08/08/23			**0.00184 B**	<0.001	<0.0005	<0.0015
MW-9	11/16/23			**0.00174**	<0.001	<0.0005	<0.0015
MW-9	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-9	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-9	08/20/24			<0.001	<0.001	<0.001	<0.003
MW-9	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-9	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-9	06/10/25			<0.002	<0.002	<0.002	<0.006

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-9	09/22/25			**0.0011**	<0.002	<0.002	<0.006
MW-9	10/27/25			<0.001	<0.002	<0.002	<0.006
MW-10	11/30/17	DUP		<0.002	<0.002	<0.002	<0.002
MW-10	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-10	02/20/18			<0.002	<0.002	<0.002	<0.002
MW-10	05/24/18			<0.000408	<0.000367	<0.000657	<0.00063
MW-10	08/23/18			<0.0005	<0.001	<0.0005	<0.0015
MW-10	11/15/18	DUP		**0.0159**	<0.000412	<0.00016	<0.00051
MW-10	11/15/18			**0.018**	**0.000706 J**	<0.00016	**0.000795 J**
MW-10	02/26/19			**0.00108**	<0.000412	<0.00016	<0.00051
MW-10	05/30/19			**0.0386**	**0.00057**	**0.000197**	<0.00051
MW-10	07/30/19			**0.0314**	<0.000412	<0.00016	<0.00051
MW-10	10/16/19	DUP		**0.0343**	**0.000542 J**	**0.000281 J**	**0.00449**
MW-10	10/16/19			**0.0456**	**0.000642 J**	**0.000253 J**	**0.00576**
MW-10	02/25/20			**0.00353**	<0.000412	<0.00016	<0.00051
MW-10	05/27/20			**0.00258**	<0.000412	<0.00016	<0.00051
MW-10	09/17/20			**0.0022**	<0.000412	<0.00016	<0.00051
MW-10	11/04/20			**0.00164**	<0.000412	<0.00016	<0.00051
MW-10	02/25/21			**0.000851**	<0.000412	<0.00016	<0.00051
MW-10	05/12/21			**0.000823**	**0.000467 J**	<0.00016	<0.00051
MW-10	08/25/21			**0.000584**	<0.000412	<0.00016	<0.00051
MW-10	11/16/21			**0.00402**	<0.000278	<0.000137	<0.000174
MW-10	02/22/22			**0.00162**	**0.00048 J**	<0.00016	<0.00051
MW-10	05/25/22			**0.00207**	<0.000998	<0.000462	<0.00132
MW-10	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-10	02/17/23			**0.000909**	<0.000412	<0.00016	<0.00051
MW-10	05/09/23			**0.000506**	<0.001	<0.0005	<0.0015
MW-10	08/08/23			**0.000912 B**	<0.001	<0.0005	<0.0015
MW-10	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-10	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-10	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-10	08/20/24			**0.0029**	<0.001	<0.001	<0.003
MW-10	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-10	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-10	06/10/25			<0.002	<0.002	<0.002	<0.006
MW-10	09/22/25			<0.001	<0.002	<0.002	<0.006
MW-10	10/28/25			<0.001	<0.002	<0.002	<0.006
MW-11	11/30/17			**0.0128**	**0.0309**	**0.104**	**0.165**
MW-11	02/20/18			<0.002	<0.002	<0.002	**0.0148**
MW-11	05/24/18			<0.000408	<0.000367	<0.000657	<0.00063
MW-11	08/23/18			<0.0005	<0.001	**0.00239**	**0.00338**
MW-11	11/15/18	DUP		**0.059**	**0.0149**	**0.00996**	**0.0126**
MW-11	11/15/18			**0.0692**	**0.0195**	**0.0119**	**0.0167**
MW-11	02/26/19			**0.0502**	**0.000826 J**	**0.00418**	**0.00343**
MW-11	05/30/19	DUP		**0.00512**	<0.000412	**0.000251 J**	**0.00383**
MW-11	05/30/19			**0.00585**	<0.000412	**0.000203 J**	**0.00356**
MW-11	07/30/19	DUP		**0.0288**	<0.000412	**0.00157**	**0.00303**
MW-11	07/30/19			**0.0188**	<0.000412	**0.00104**	**0.00185**
MW-11	10/16/19			**0.00891**	<0.000412	**0.00363**	**0.00298**
MW-11	02/24/20			**0.117**	**0.00785**	**0.005**	**0.0305**

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-11	05/27/20			**0.00193**	<0.000412	**0.000191 J**	<0.00051
MW-11	09/17/20			**0.00287**	<0.000412	**0.00243**	**0.000799 J**
MW-11	11/04/20			**0.0138**	<0.000412	**0.00177**	**0.00142 J**
MW-11	02/25/21			**0.0429**	**0.000905 J**	**0.00459**	**0.00545**
MW-11	05/12/21			**0.0144**	<0.000412	**0.00339**	**0.00148 J**
MW-11	08/25/21			**0.00644**	<0.000412	<0.00016	<0.00051
MW-11	11/16/21	DUP		**0.231**	**0.00804**	**0.00637**	**0.0343**
MW-11	11/16/21			**0.238**	**0.00813**	**0.00645**	**0.0342**
MW-11	02/22/22			**0.0127**	<0.000412	**0.000191 J**	**0.000667 J**
MW-11	05/25/22			**0.0316**	<0.000998	<0.000462	**0.00288 J**
MW-11	09/13/22			**0.0057**	<0.000412	<0.00016	<0.00051
MW-11	11/03/22			**0.0146**	<0.000412	<0.00016	<0.00051
MW-11	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-11	05/09/23			**0.0158**	<0.001	<0.0005	<0.0015
MW-11	08/09/23			**0.104**	**0.00167 B**	**0.00109 B**	**0.00283 B**
MW-11	11/16/23			**0.0107**	<0.001	<0.0005	<0.0015
MW-11	02/29/24	DUP		<0.0005	<0.001	<0.0005	<0.0015
MW-11	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-11	05/21/24	DUP		**0.0095**	<0.001	<0.001	<0.003
MW-11	05/21/24			**0.0084**	<0.001	<0.001	<0.003
MW-11	08/20/24	DUP		**0.0041**	<0.001	<0.001	<0.003
MW-11	08/20/24			**0.0054**	<0.001	<0.001	<0.003
MW-11	11/19/24	DUP		**0.018**	<0.001	<0.001	**0.0045**
MW-11	11/19/24			**0.017**	<0.001	<0.001	**0.0045**
MW-11	04/23/25			**0.0029**	<0.002	<0.002	<0.003
MW-11	06/09/25			<0.002	<0.002	<0.002	<0.006
MW-11	09/23/25			**0.021**	<0.002	<0.002	<0.006
MW-11	10/27/25			**0.0045**	<0.002	<0.002	<0.006
MW-12	11/16/13		LNAPL	-	-	-	-
MW-12	11/30/17			**0.153**	**0.042**	**0.021**	**0.0291**
MW-12	02/20/18			**0.297**	**0.0305**	**0.00774**	**0.0336**
MW-12	05/24/18			**0.391**	**0.138**	**0.00722**	**0.0848**
MW-12	08/23/18			**1.04**	**0.382**	**0.0583**	**0.125**
MW-12	11/15/18			**0.943**	**0.307**	**0.0333**	**0.159**
MW-12	02/26/19			**0.733**	**0.198**	**0.00788 J**	**0.108**
MW-12	05/30/19			**1.14**	**0.264**	**0.0223**	**0.135**
MW-12	07/29/19		LNAPL	-	-	-	-
MW-12	10/16/19		LNAPL	-	-	-	-
MW-12	11/04/19		LNAPL	-	-	-	-
MW-12	01/10/20		LNAPL	-	-	-	-
MW-12	02/19/20		LNAPL	-	-	-	-
MW-12	02/24/20		LNAPL	-	-	-	-
MW-12	03/13/20		LNAPL	-	-	-	-
MW-12	04/29/20		LNAPL	-	-	-	-
MW-12	05/26/20		LNAPL	-	-	-	-
MW-12	06/16/20		LNAPL	-	-	-	-
MW-12	07/30/20		LNAPL	-	-	-	-
MW-12	08/26/20		LNAPL	-	-	-	-
MW-12	09/15/20		LNAPL	-	-	-	-
MW-12	09/17/20		LNAPL	-	-	-	-
MW-12	10/21/20		LNAPL	-	-	-	-

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-12	11/04/20		LNAPL	-	-	-	-
MW-12	12/09/20		LNAPL	-	-	-	-
MW-12	01/28/21		LNAPL	-	-	-	-
MW-12	02/25/21		LNAPL	-	-	-	-
MW-12	03/24/21		LNAPL	-	-	-	-
MW-12	04/30/21		LNAPL	-	-	-	-
MW-12	05/11/21		LNAPL	-	-	-	-
MW-12	06/28/21		LNAPL	-	-	-	-
MW-12	07/27/21		LNAPL	-	-	-	-
MW-12	08/24/21		LNAPL	-	-	-	-
MW-12	09/30/21		LNAPL	-	-	-	-
MW-12	10/28/21		LNAPL	-	-	-	-
MW-12	11/16/21		LNAPL	-	-	-	-
MW-12	02/01/22		LNAPL	-	-	-	-
MW-12	02/22/22		LNAPL	-	-	-	-
MW-12	03/16/22		LNAPL	-	-	-	-
MW-12	04/11/22		LNAPL	-	-	-	-
MW-12	05/24/22		LNAPL	-	-	-	-
MW-12	06/15/22		LNAPL	-	-	-	-
MW-12	07/25/22		LNAPL	-	-	-	-
MW-12	08/24/22		LNAPL	-	-	-	-
MW-12	10/06/22		LNAPL	-	-	-	-
MW-12	11/02/22		LNAPL	-	-	-	-
MW-12	11/30/22		LNAPL	-	-	-	-
MW-12	01/23/23		LNAPL	-	-	-	-
MW-12	02/17/23		LNAPL	-	-	-	-
MW-12	05/09/23		LNAPL	-	-	-	-
MW-12	06/16/23		LNAPL	-	-	-	-
MW-12	07/21/23		LNAPL	-	-	-	-
MW-12	09/15/23		LNAPL	-	-	-	-
MW-12	10/20/23		LNAPL	-	-	-	-
MW-12	11/16/23		LNAPL	-	-	-	-
MW-12	02/26/24		LNAPL	-	-	-	-
MW-12	05/21/24			**0.19**	**0.066**	**0.016**	**0.039**
MW-12	11/19/24			**0.46**	**0.052**	**0.015**	**0.055**
MW-12	04/25/25			**0.35**	**0.06**	**0.014**	**0.034**
MW-12	06/10/25			**0.48**	**0.065**	**0.046**	**0.048**
MW-12	09/22/25			**0.71**	**0.36**	**0.064**	**0.079**
MW-12	10/27/25			**0.51**	**0.25**	**0.097**	**0.14**
MW-13	11/30/17			<0.002	<0.002	<0.002	<0.002
MW-13	02/20/18			<0.002	<0.002	<0.002	<0.002
MW-13	05/24/18			<0.000408	<0.000367	<0.000657	<0.00063
MW-13	08/23/18			<0.0005	<0.001	<0.0005	<0.0015
MW-13	11/15/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	02/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	05/30/19			**0.000381 J**	<0.000412	<0.00016	<0.00051
MW-13	07/30/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	10/18/19			**0.000786**	**0.00083 J**	**0.000324 J**	<0.00051
MW-13	02/25/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	05/27/20	DUP		**0.00072**	<0.000412	<0.00016	<0.00051
MW-13	05/27/20			<0.00019	<0.000412	<0.00016	<0.00051

Appendix D

Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-13	09/18/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	11/04/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	05/12/21			<0.00019	<0.000412	**0.000161 J**	<0.00051
MW-13	08/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	11/16/21			<0.0000941	<0.000278	<0.000137	<0.000174
MW-13	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-13	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-13	05/09/23			<0.0005	<0.001	<0.0005	<0.0015
MW-13	08/08/23			<0.0005	<0.001	<0.0005	<0.0015
MW-13	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-13	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-13	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-13	08/20/24			<0.001	<0.001	<0.001	<0.003
MW-13	11/18/24			<0.001	<0.001	<0.001	<0.003
MW-13	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-13	06/10/25			<0.002	<0.002	<0.002	<0.006
MW-13	09/23/25			<0.001	<0.002	<0.002	<0.006
MW-13	10/28/25			<0.001	<0.002	<0.002	<0.006
MW-14	11/30/17			<0.002	**0.00095 J**	**0.0012 J**	**0.0025**
MW-14	02/20/18			<0.002	<0.002	<0.002	<0.002
MW-14	05/24/18			<0.000408	<0.000367	<0.000657	<0.00063
MW-14	08/23/18			<0.0005	<0.001	<0.0005	<0.0015
MW-14	11/15/18			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	02/26/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	05/30/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	07/30/19			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	10/18/19			**0.000443 J**	<0.000412	<0.00016	<0.00051
MW-14	02/25/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	05/27/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	09/18/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	11/04/20			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	02/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	05/12/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	08/25/21			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	11/16/21			<0.0000941	<0.000278	<0.000137	<0.000174
MW-14	02/22/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	05/25/22			<0.000493	<0.000998	<0.000462	<0.00132
MW-14	09/13/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	11/03/22			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	02/17/23			<0.00019	<0.000412	<0.00016	<0.00051
MW-14	05/09/23			<0.0005	<0.001	<0.0005	<0.0015
MW-14	08/08/23			<0.0005	<0.001	<0.0005	<0.0015
MW-14	11/16/23			<0.0005	<0.001	<0.0005	<0.0015
MW-14	02/29/24			<0.0005	<0.001	<0.0005	<0.0015
MW-14	05/20/24			<0.001	<0.001	<0.001	<0.003
MW-14	08/20/24			<0.001	<0.001	<0.001	<0.003
MW-14	11/18/24			<0.001	<0.001	<0.001	<0.003

Appendix D

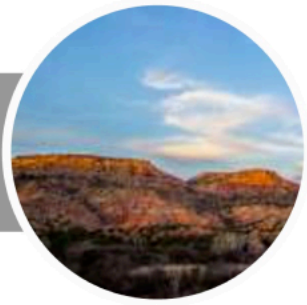
Historical Groundwater Analytical Results
Plains All American Pipeline, L.P.
Chevron Grayburg 6-Inch Sec. 6
SRS No. Chevron Grayburg 6-Inch Historical
Lea County, New Mexico
NMOCD Incident No: nAPP2108849308

Monitoring Well ID	Sample Date	Sample Type	Notes	Benzene	Toluene	Ethylbenzene	Xylenes (total)
New Mexico Water Quality Control Commission (NMWCC) Human Health Standards				**0.005**	**1**	**0.7**	**0.62**
MW-14	04/23/25			<0.002	<0.002	<0.002	<0.003
MW-14	06/10/25			<0.002	<0.002	<0.002	<0.006
MW-14	09/23/25			<0.001	<0.002	<0.002	<0.006
MW-14	10/27/25			<0.001	<0.002	<0.002	<0.006

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
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. LNAPL: Light Non-Aqueous Phase Liquids

Appendix E

MDPE Report



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TALON LPE

Mobile Dual Phase Extraction (MDPE) Report

Chevron-Grayburg
Lea County, New Mexico
SRS # Chevron Grayburg 6 - Inch, Historical
2025 MDPE Events

Prepared For:
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December 6, 2025

TALON LPE

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Attachments:

Attachment 1 - MDPE Field Logs

Attachment 2 - Laboratory Analytical Results

Attachment 3 - Oxidizer Charts

I. MDPE SUMMARY REPORT AND WASTE DISPOSITION

A. MDPE Results

The following report summarizes data collected during the four (4) 24-hour Mobile Dual Phase Extraction (MDPE) events conducted during 2025 at the Chevron-Grayburg site, located in Lea County, New Mexico. The objective of the MDPE treatment was to remove both vapor and liquid phase separated hydrocarbons (PSH) from groundwater monitoring wells. Talon/LPE utilized an MDPE unit which consisted of a Soil Vapor Extraction (SVE) pump capable of generating vacuum up to 25 inHg. Off-gas vapors extracted from the extraction wells were destroyed using a propane-fired 1000-SCFM thermal oxidizer capable of processing 172.96 lbs/hr of gasoline.

A total of four (4) days of PSH recovery was performed on MW-7, MW-8, and MW-12 during the 2025 events.

Prior to and immediately following the events, the groundwater wells were gauged for groundwater elevation and PSH. Depth to groundwater ranges were measured in feet below the top of casing. Refer to Attachment 1 for a summary of data collected during the MDPE events.

The volume of PSH removed during the MDPE events is shown to reflect the portions of PSH in the liquid phase and as off-gas vapor. Air removal rates were calculated from velocity measurements recorded at the influent manifold prior to entry into the MDPE unit. PSH recovery and air flow data has been detailed and is contained in Table 1 through Table 4. Influent air samples were collected over the course of each event. These samples were submitted for laboratory testing in order to compare the predicted vapor concentrations (based on field-screening or calculated based on fuel consumption) to the actual vapor concentrations. Each influent sample from each event were tested for Total-Gas Analysis (Hydrocarbon Composition) by GPA 2261M. Laboratory analytical results can be found in Attachment 2.

Based on collected field data and reported vapor concentrations, a combined estimated total of **183.33 equivalent gallons of hydrocarbons (total)** were removed during the events. The combined volume of hydrocarbons removed was comprised of approximately **68 gallons of PSH (liquid phase)** and approximately **115.33 gallons as off-gas vapor.** The calculations used to estimate the off-gas vapor mass recovered reflect the mass of total hydrocarbons recovered and does not necessarily equate to an

equal mass of the product released. The mass recovery calculations may be affected by variations in the specific gravity of hydrocarbon released, age of release, activity of aerobic and/or anaerobic processes, and site specific geochemical factors.

The cumulative air flow measurements for the MDPE events were calculated using a combination of field data measurements and Preso® B+ manufacturer provided formulas. Air flow rates extracted from the recovery wells averaged **144.84 SCFM during the events.**

B. Air Quality

Influent air samples were collected during each event. These samples were submitted for laboratory testing in order to compare the predicted vapor concentrations (based on field-screening or calculated based on fuel consumption) to the actual vapor concentrations. The maximum influent concentration was recorded as 19,650 ppmv for Hydrocarbon Composition. Laboratory analytical results can be found in Attachment 2.

C. Waste Management and Disposition

A cumulative total of 702 gallons of fluid were generated during these events. The fluids were temporarily transferred to an on-site storage tank prior to being transferred to an authorized disposal facility.

II. SYSTEM OPERATION DATA AND MASS RECOVERY CALCULATIONS

Formula:

$$\text{Concentration (C\_mg/l)} = \frac{\text{C\_ppmv x Mol. wt. in mg x 1000 x 0.000001}}{\text{0.0821 x Temp (K)}}$$

$$\text{Recovery Rate (lbs/hr)} = \frac{\text{(C\_mg/l) x 2.2 x (Flowrate) x 60 x 28.32}}{\text{1,000,000}}$$

$$\text{Recovery (lbs)} = \text{(lbs/hr) x (hrs)}$$

$$\text{Correction Factor (CF)} = \frac{\text{PID Reading(ppmv)}}{\text{PID Reading at Time of Laboratory Analysis}}$$

$$\frac{\text{8.34 lbs}}{\text{gallon water}} \times \text{0.82 average specific gravity of light crude} = \frac{\text{6.84 lbs gasoline}}{\text{gallon}}$$

Table 1
System Operation Data and Mass Recovery Calculations 5/8/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH_2O)	Differential Pressure (inH_2O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
17:00	1	68	19	258.57	46.8	144.90	2062	14630	14630	1.00	14630	17.38	9.42	9.42	9.42
18:00	1	64	19	258.57	47.1	145.92	2057	-	14630	1.00	14595	17.48	9.53	9.53	18.95
19:00	1	64	19	258.57	47.5	146.53	2038	-	14630	0.99	14460	17.31	9.48	9.48	28.43
20:00	1	60	19	258.57	47.8	147.56	2001	-	14630	0.97	14197	17.13	9.45	9.45	37.88
21:00	1	60	19	258.57	48.3	148.33	2017	-	14630	0.98	14311	17.27	9.57	9.57	47.46
22:00	1	58	19	258.57	48.6	149.08	2024	-	14630	0.98	14360	17.39	9.69	9.69	57.15
23:00	1	58	19	258.57	48.2	148.46	1996	-	16980	1.03	17470	21.20	11.76	11.76	68.92
00:00	1	56	19	258.57	47.9	148.29	1984	-	16980	1.02	17365	21.15	11.73	11.73	80.64
01:00	1	56	19	258.57	47.5	147.67	1932	-	16980	1.00	16910	20.60	11.37	11.37	92.01
02:00	1	56	20	272.18	46.7	139.58	1956	-	16980	1.01	17120	20.85	10.88	10.88	102.89
03:00	1	52	20	272.18	46.3	139.52	1947	-	16980	1.00	17041	20.92	10.91	10.91	113.80
04:00	1	50	20	272.18	46.2	139.64	1940	16980	16980	1.00	16980	20.93	10.92	10.92	124.73
05:00	1	50	20	272.18	46.1	139.49	1921	-	16980	0.99	16814	20.72	10.81	10.81	135.53
06:00	1	50	20	272.18	46.0	139.34	1901	-	16980	0.98	16639	20.51	10.68	10.68	146.21
07:00	1	50	20	272.18	46.2	139.64	1917	-	16980	0.99	16779	20.68	10.79	10.79	157.01
08:00	1	54	20	272.18	46.4	139.40	1936	-	16980	1.00	16945	20.72	10.80	10.80	167.81
09:00	1	66	20	272.18	46.5	137.95	1928	-	16980	0.99	16875	20.16	10.40	10.40	178.20
10:00	1	68	20	272.18	46.7	137.98	1969	-	16980	1.01	17234	20.51	10.58	10.58	188.79
11:00	1	72	20	272.18	46.9	137.76	1876	-	12650	1.01	12752	14.94	7.69	7.69	196.48
12:00	1	78	20	272.18	47.1	137.28	1869	-	12650	1.00	12704	14.72	7.55	7.55	204.03
13:00	1	84	20	272.18	47.3	136.81	1852	-	12650	1.00	12589	14.42	7.38	7.38	211.41
14:00	1	84	20	272.18	47.5	137.10	1873	-	12650	1.01	12732	14.58	7.47	7.47	218.88
15:00	1	86	20	272.18	47.7	137.13	1861	12650	12650	1.00	12650	14.44	7.40	7.40	226.28
16:00	1	88	20	272.18	47.9	137.17	1855	-	12650	1.00	12609	14.34	7.35	7.35	233.64
Averages:		63.83	19.6	267.08	47.13	141.77	1946.33						Total	233.64	

PSH Mass Recovered in Vapor Phase = 34.16 gallons

Conversion from ppmv to mg/L (Influent 1)

Measured Conc. (ppmv)	Molecular Wt. (grams)	Pressure (atm)	Gas Constant (atm·liter/mole·K)	Temp. (°F)	Temp. (K)	Conc. (mg/L)
14630	28.5852	1	0.0821	68	293.00	17.38

Inputs are the green values.
Calculated values are yellow.
Constants are purple values.
Outputs are the blue values.

Total Hydrocarbon Recovery

PSH Mass Recovered in Vapor Phase =	233.64	lbs
	34.16	gallons
PSH Mass Recovered in Liquid Phase =	177.84	lbs
	26.00	gallons
TOTAL =	**411.48**	**lbs**
	60.16	**gallons**

Gallons removed determined at time of pick up.

PSH Volume in Gallons=	26
PSH Mass in Pounds=	177.84

% Vol. Hydrocarbon to ppmv - Influent 1

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.010		100
N-Pentane (C5H12)	72.15	0.015		150
Hexane+ (C6H14)	93.19	1.438		14380
			Total	**14630**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	97.815
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	1.734
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.004
N-Pentane (C5H12)	72.1488	0.006
Hexane+ (C6H14)	93.1887	0.441
	Total	100
	Calculated MW	**28.5852**

% Vol. Hydrocarbon to ppmv - Influent 2

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.005		50
N-Pentane (C5H12)	72.15	0.010		100
Hexane+ (C6H14)	93.19	1.683		16830
			Total	**16980**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	97.733
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	1.744
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.002
N-Pentane (C5H12)	72.1488	0.004
Hexane+ (C6H14)	93.1887	0.517
	Total	100
	Calculated MW	**28.6345**

% Vol. Hydrocarbon to ppmv - Influent 3

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.003		30
N-Pentane (C5H12)	72.15	0.005		50
Hexane+ (C6H14)	93.19	1.257		12570
			Total	**12650**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	98.830
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	0.784
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.001
N-Pentane (C5H12)	72.1488	0.002
Hexane+ (C6H14)	93.1887	0.383
	Total	100
	Calculated MW	**28.3923**

Table 2
System Operation Data and Mass Recovery Calculations 7/22/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH_2O)	Differential Pressure (inH_2O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
09:30	1	76	19	258.57	60.7	163.78	1669	12230	12230	1.00	12230	14.34	8.78	8.78	8.78
10:30	1	78	19	258.57	60.1	162.67	1641	-	12230	0.98	12025	14.04	8.54	8.54	17.32
11:30	1	82	19	258.57	59.2	160.85	1632	-	12230	0.98	11959	13.86	8.34	8.34	25.65
12:30	1	88	19	258.57	58.8	159.43	1612	-	12230	0.97	11812	13.54	8.07	8.07	33.72
13:30	1	96	19	258.57	58.2	157.47	1610	-	12230	0.96	11798	13.33	7.85	7.85	41.57
14:30	1	96	19	258.57	58.4	157.74	1594	-	12230	0.96	11680	13.20	7.78	7.78	49.36
15:30	1	98	19	258.57	58.8	157.99	1576	-	12930	1.02	13249	15.04	8.88	8.88	58.24
16:30	1	96	19	258.57	58.3	157.60	1566	-	12930	1.02	13165	15.00	8.84	8.84	67.07
17:30	1	94	19	258.57	58.7	158.43	1551	-	12930	1.01	13039	14.91	8.83	8.83	75.90
18:30	1	88	19	258.57	57.5	157.65	1549	-	12930	1.01	13022	15.05	8.87	8.87	84.77
19:30	1	80	20	272.18	57.3	151.14	1547	-	12930	1.01	13006	15.25	8.62	8.62	93.39
20:30	1	80	19	258.57	56.7	157.71	1538	12930	12930	1.00	12930	15.17	8.94	8.94	102.33
21:30	1	78	19	258.57	54.6	155.05	1520	-	12930	0.99	12779	15.04	8.72	8.72	111.05
22:30	1	76	19	258.57	54.9	155.76	1527	-	12930	0.99	12838	15.17	8.83	8.83	119.88
23:30	1	74	19	258.57	55.2	156.48	1520	-	12930	0.99	12779	15.16	8.87	8.87	128.75
00:30	1	74	19	258.57	55.8	157.33	1515	-	12930	0.99	12737	15.11	8.88	8.88	137.63
01:30	1	74	19	258.57	56.8	158.73	1501	-	12930	0.98	12619	14.97	8.88	8.88	146.51
02:30	1	74	19	258.57	56.9	158.87	1491	-	12930	0.97	12535	14.87	8.83	8.83	155.34
03:30	1	74	19	258.57	57.2	159.29	1482	-	11570	1.02	11752	13.88	8.26	8.26	163.61
04:30	1	72	19	258.57	57.0	159.31	1475	-	11570	1.01	11697	13.86	8.26	8.26	171.86
05:30	1	74	19	258.57	56.9	158.87	1470	-	11570	1.01	11657	13.76	8.17	8.17	180.04
06:30	1	72	19	258.57	56.7	158.89	1463	-	11570	1.00	11602	13.75	8.17	8.17	188.20
07:30	1	70	19	258.57	56.5	158.91	1459	11570	11570	1.00	11570	13.76	8.18	8.18	196.38
08:30	1	68	19	258.57	56.4	159.07	1455	-	11570	1.00	11538	13.78	8.19	8.19	204.57
Averages:		80.50	19.0	259.14	57.40	158.29	1540.13						Total	204.57	
											PSH Mass Recovered in Vapor Phase =			29.91	gallons

Conversion from ppmv to mg/L (Influent 1)

Measured Conc. (ppmv)	Molecular Wt. (grams)	Pressure (atm)	Gas Constant (atm·liter/mole·K)	Temp. (°F)	Temp. (K)	Conc. (mg/L)
12230	28.6263	1	0.0821	76	297.44	14.34

Inputs are the green values.
Calculated values are yellow.
Constants are purple values.
Outputs are the blue values.

Total Hydrocarbon Recovery

PSH Mass Recovered in Vapor Phase =	204.57	lbs
	29.91	gallons
PSH Mass Recovered in Liquid Phase =	129.96	lbs
	19.00	gallons
TOTAL =	**334.53**	**lbs**
	48.91	**gallons**

Gallons removed determined at time of pick up.

PSH Volume in Gallons=	19
PSH Mass in Pounds=	129.96

% Vol. Hydrocarbon to ppmv - Influent 1

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.010		100
N-Pentane (C5H12)	72.15	0.018		180
Hexane+ (C6H14)	93.19	1.195		11950
			Total	**12230**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	97.332
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	2.290
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.004
N-Pentane (C5H12)	72.1488	0.007
Hexane+ (C6H14)	93.1887	0.367
	Total	100
	Calculated MW	**28.6263**

% Vol. Hydrocarbon to ppmv - Influent 2

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.008		80
N-Pentane (C5H12)	72.15	0.025		250
Hexane+ (C6H14)	93.19	1.260		12600
			Total	**12930**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	95.970
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	3.627
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.003
N-Pentane (C5H12)	72.1488	0.010
Hexane+ (C6H14)	93.1887	0.390
	Total	100
	Calculated MW	**28.8560**

% Vol. Hydrocarbon to ppmv - Influent 3

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.005		50
N-Pentane (C5H12)	72.15	0.020		200
Hexane+ (C6H14)	93.19	1.132		11320
			Total	**11570**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	96.658
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	2.983
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.002
N-Pentane (C5H12)	72.1488	0.008
Hexane+ (C6H14)	93.1887	0.349
	Total	100
	Calculated MW	**28.7250**

Table 3
System Operation Data and Mass Recovery Calculations 9/9/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH_2O)	Differential Pressure (inH_2O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
15:00	1	98	20	272.18	53.2	143.26	1945	19650	19650	1.00	19650	22.52	12.06	12.06	12.06
16:00	1	96	20	272.18	50.9	140.38	1929	-	19650	0.99	19488	22.41	11.76	11.76	23.82
17:00	1	96	20	272.18	49.6	138.58	1921	-	19650	0.99	19408	22.32	11.56	11.56	35.38
18:00	1	94	20	272.18	48.2	136.85	1915	-	19650	0.98	19347	22.33	11.42	11.42	46.80
19:00	1	94	20	272.18	46.4	134.27	1901	-	19650	0.98	19205	22.17	11.13	11.13	57.93
20:00	1	84	21	285.79	45.9	127.83	1896	-	19650	0.97	19155	22.51	10.76	10.76	68.69
21:00	1	82	21	285.79	44.5	126.09	1873	-	16640	1.05	17392	20.44	9.64	9.64	78.32
22:00	1	80	21	285.79	43.7	125.19	1857	-	16640	1.04	17244	20.34	9.52	9.52	87.84
23:00	1	76	21	285.79	42.7	124.21	1838	-	16640	1.03	17067	20.28	9.42	9.42	97.26
00:00	1	76	21	285.79	42.2	123.48	1822	-	16640	1.02	16919	20.11	9.28	9.28	106.54
01:00	1	74	21	285.79	41.5	122.68	1815	-	16640	1.01	16854	20.11	9.22	9.22	115.76
02:00	1	70	21	285.79	41.9	123.73	1792	16640	16640	1.00	16640	20.00	9.25	9.25	125.01
03:00	1	68	21	285.79	41.6	123.52	1783	-	16640	0.99	16556	19.98	9.22	9.22	134.24
04:00	1	66	21	285.79	41.8	124.05	1769	-	16640	0.99	16426	19.89	9.23	9.23	143.46
05:00	1	66	21	285.79	41.7	123.90	1751	-	16640	0.98	16259	19.69	9.12	9.12	152.58
06:00	1	66	21	285.79	42.0	124.35	1747	-	16640	0.97	16222	19.65	9.13	9.13	161.71
07:00	1	66	21	285.79	42.3	124.79	1735	-	16640	0.97	16111	19.51	9.10	9.10	170.82
08:00	1	70	21	285.79	42.5	124.61	1729	-	16640	0.96	16055	19.30	8.99	8.99	179.81
09:00	1	74	21	285.79	42.5	124.15	1726	-	14980	1.01	15173	17.97	8.34	8.34	188.15
10:00	1	80	21	285.79	43.3	124.61	1720	-	14980	1.01	15121	17.71	8.25	8.25	196.40
11:00	1	84	21	285.79	42.8	123.43	1715	-	14980	1.01	15077	17.53	8.09	8.09	204.49
12:00	1	88	21	285.79	42.5	122.55	1709	-	14980	1.00	15024	17.34	7.94	7.94	212.43
13:00	1	92	21	285.79	41.6	120.81	1704	14980	14980	1.00	14980	17.16	7.75	7.75	220.18
14:00	1	94	21	285.79	41.9	121.02	1711	-	14980	1.00	15042	17.17	7.77	7.77	227.95
Averages:		80.58	20.8	282.95	44.05	127.01	1804.29						Total	227.95	
													PSH Mass Recovered in Vapor Phase =	33.33	gallons

Conversion from ppmv to mg/L (Influent 1)

Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(grams)	(atm)	(atm·liter/mole·K)	(°F)	(K)	(mg/L)
19650	29.1313	1	0.0821	98	309.67	22.52

Inputs are the green values.
Calculated values are yellow.
Constants are purple values.
Outputs are the blue values.

Total Hydrocarbon Recovery

PSH Mass Recovered in Vapor Phase =	227.95	lbs
	33.33	gallons
PSH Mass Recovered in Liquid Phase =	109.44	lbs
	16.00	gallons
TOTAL =	**337.39**	**lbs**
	49.33	**gallons**

Gallons removed determined at time of pick up.

PSH Volume in Gallons=	16
PSH Mass in Pounds=	109.44

% Vol. Hydrocarbon to ppmv - Influent 1

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.015		150
N-Pentane (C5H12)	72.15	0.050		500
Hexane+ (C6H14)	93.19	1.900		19000
			Total	**19650**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	94.899
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	4.481
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.006
N-Pentane (C5H12)	72.1488	0.020
Hexane+ (C6H14)	93.1887	0.594
	Total	100
	Calculated MW	**29.1313**

% Vol. Hydrocarbon to ppmv - Influent 2

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.015		150
N-Pentane (C5H12)	72.15	0.037		370
Hexane+ (C6H14)	93.19	1.612		16120
			Total	**16640**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	95.285
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	4.192
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.006
N-Pentane (C5H12)	72.1488	0.015
Hexane+ (C6H14)	93.1887	0.502
	Total	100
	Calculated MW	**29.0229**

% Vol. Hydrocarbon to ppmv - Influent 3

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.010		100
N-Pentane (C5H12)	72.15	0.033		330
Hexane+ (C6H14)	93.19	1.455		14550
			Total	**14980**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	96.403
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	3.130
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.004
N-Pentane (C5H12)	72.1488	0.013
Hexane+ (C6H14)	93.1887	0.450
	Total	100
	Calculated MW	**28.8174**

Table 4
System Operation Data and Mass Recovery Calculations 11/5/2025

Time	Period (hours)	Influent Temp. (°F)	Vacuum (inHg)	Vacuum (inH_2O)	Differential Pressure (inH_2O)	Flow (SCFM)	PID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
18:00	1	78	19	258.57	56.8	158.14	952	8180	8180	1.00	8180	9.58	5.67	5.67	5.67
19:00	1	64	20	272.18	56.0	151.67	938	-	8180	0.99	8060	9.69	5.50	5.50	11.16
20:00	1	56	20	272.18	55.7	152.44	901	-	8180	0.95	7742	9.46	5.39	5.39	16.55
21:00	1	54	20	272.18	55.5	152.46	917	-	8180	0.96	7879	9.66	5.51	5.51	22.06
22:00	1	50	20	272.18	55.1	152.50	926	-	8180	0.97	7957	9.83	5.61	5.61	27.66
23:00	1	48	20	272.18	55.4	153.22	911	-	8180	0.96	7828	9.71	5.56	5.56	33.23
00:00	1	46	20	272.18	55.3	153.38	895	-	7710	1.07	8284	10.37	5.94	5.94	39.17
01:00	1	46	20	272.18	55.2	153.24	876	-	7710	1.05	8108	10.15	5.81	5.81	44.98
02:00	1	44	20	272.18	55.4	153.82	881	-	7710	1.06	8154	10.24	5.89	5.89	50.87
03:00	1	42	20	272.18	55.7	154.55	864	-	7710	1.04	7997	10.09	5.83	5.83	56.70
04:00	1	40	20	272.18	55.9	155.13	849	-	7710	1.02	7858	9.95	5.77	5.77	62.47
05:00	1	40	20	272.18	55.1	154.02	833	7710	7710	1.00	7710	9.76	5.62	5.62	68.09
06:00	1	40	20	272.18	54.6	153.32	817	-	7710	0.98	7562	9.58	5.49	5.49	73.58
07:00	1	42	20	272.18	54.2	152.45	805	-	7710	0.97	7451	9.40	5.36	5.36	78.94
08:00	1	44	20	272.18	53.8	151.59	796	-	7710	0.96	7368	9.26	5.25	5.25	84.18
09:00	1	56	20	272.18	54.5	150.79	777	-	7710	0.93	7192	8.82	4.97	4.97	89.16
10:00	1	68	20	272.18	55.6	150.56	784	-	7710	0.94	7256	8.70	4.90	4.90	94.05
11:00	1	76	20	272.18	53.7	146.86	810	-	7710	0.97	7497	8.86	4.86	4.86	98.92
12:00	1	84	20	272.18	56.9	150.05	799	-	6060	1.06	6447	7.43	4.17	4.17	103.08
13:00	1	88	20	272.18	57.5	150.29	770	-	6060	1.03	6213	7.11	3.99	3.99	107.08
14:00	1	92	20	272.18	58.8	151.43	768	-	6060	1.02	6197	7.04	3.98	3.98	111.06
15:00	1	96	20	272.18	59.3	151.52	743	-	6060	0.99	5995	6.76	3.83	3.83	114.89
16:00	1	96	20	272.18	58.9	151.01	751	6060	6060	1.00	6060	6.83	3.86	3.86	118.75
17:00	1	96	20	272.18	58.5	150.50	762	-	6060	1.01	6149	6.93	3.90	3.90	122.65
Averages:		61.92	20.0	271.61	55.98	152.29	838.54						Total	122.65	

PSH Mass Recovered in Vapor Phase = 17.93 gallons

Conversion from ppmv to mg/L (Influent 1)

Measured Conc. (ppmv)	Molecular Wt. (grams)	Pressure (atm)	Gas Constant (atm·liter/mole·K)	Temp. (°F)	Temp. (K)	Conc. (mg/L)
8180	28.7153	1	0.0821	78	298.56	9.58

Inputs are the green values.
Calculated values are yellow.
Constants are purple values.
Outputs are the blue values.

Total Hydrocarbon Recovery

PSH Mass Recovered in Vapor Phase =	122.65	lbs
	17.93	gallons
PSH Mass Recovered in Liquid Phase =	47.88	lbs
	7.00	gallons
TOTAL =	**170.53**	**lbs**
	24.93	**gallons**

Gallons removed determined at time of pick up.

PSH Volume in Gallons=	7
PSH Mass in Pounds=	47.88

% Vol. Hydrocarbon to ppmv - Influent 1

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.003		30
N-Pentane (C5H12)	72.15	0.023		230
Hexane+ (C6H14)	93.19	0.792		7920
			Total	**8180**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	96.396
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	3.350
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.001
N-Pentane (C5H12)	72.1488	0.009
Hexane+ (C6H14)	93.1887	0.244
	Total	100
	Calculated MW	**28.7153**

% Vol. Hydrocarbon to ppmv - Influent 2

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.003		30
N-Pentane (C5H12)	72.15	0.028		280
Hexane+ (C6H14)	93.19	0.740		7400
			Total	**7710**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	95.538
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	4.221
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.001
N-Pentane (C5H12)	72.1488	0.011
Hexane+ (C6H14)	93.1887	0.229
	Total	100
	Calculated MW	**28.8457**

% Vol. Hydrocarbon to ppmv - Influent 3

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	0.000		0
Ethane (C2H6)	30.07	0.000		0
Propane (C3H8)	44.10	0.000		0
Iso-Butane (C4H10)	58.12	0.000		0
N-Butane (C4H10)	58.12	0.000		0
Iso-Pentane (C4H12)	72.15	0.001		10
N-Pentane (C5H12)	72.15	0.018		180
Hexane+ (C6H14)	93.19	0.587		5870
			Total	**6060**

*Hexane+ is treated as 60% hexanes, 30% heptanes, and 10% octanes

Molecular Weight Calculations

Component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	97.141
Methane (CH4)	16.0425	0.000
Carbon Dioxide (CO2)	44.011	2.668
Ethane (C2H6)	30.069	0.000
Propane (C3H8)	44.0956	0.000
Iso-Butane (C4H10)	58.1222	0.000
N-Butane (C4H10)	58.1222	0.000
Iso-Pentane (C4H12)	72.1488	0.004
N-Pentane (C5H12)	72.1488	0.007
Hexane+ (C6H14)	93.1887	0.180
	Total	100
	Calculated MW	**28.5649**

ATTACHMENT 1

MDPE Field Logs

MDPE FIELD NOTES					
Site Name:	Chevron-Grayburg			Event #:	1
Location:	Buckeye, NM			Arrive at site:	15:30
Date:	5/8/2025				
Job #:	700376.274.19	SRS #:	Chevron Grayburg 6-Inch Historical	Start Vac:	16:00
		Unit:	2097	Stop Vac:	16:00
Onsite Personnel:	N Parker B Huntington			Leave Site:	16:30

GAUGING DATA							
WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-7	124.55	128.60	4.05	-	126.12	0.00	
MW-8	-	124.69	0.00	-	126.38	0.00	
MW-12	-	125.64	0.00	-	126.97	0.00	
WASTE:	H_2O:	116		PSH:	26		TOTAL (GAL): 142

Sample Name		Analysis	Date:	Time:	Comments:	
INFLUENT	#1	C6+	8-May-25	17:00	PID = 2062	
INFLUENT	#2	C6+	9-May-25	04:00	PID = 1940	
INFLUENT	#3	C6+	9-May-25	15:00	PID = 1861	

Notes:	
Tank:	5 1/2 4 1/2
	142 116
Propane: 70 - 40	

Start Date: 5/8/2025		700376.274.19			24HR		2097				Page 1 of 1
Well Flow							Well Data				
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH_2O) 2" Preso	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments: MW-7 Vacuum (inH_2O)	MW-8 Vacuum (inH_2O)	MW-12 Vacuum (inH_2O)		
17:00	*1	68	46.8	19	2062	1576	11.3	14.9	27.2		
18:00		64	47.1	19	2057	1580	12.2	15.5	27.7		
19:00		64	47.5	19	2038	1583	14.9	16.2	28.1		
20:00		60	47.8	19	2001	1582	15.2	16.6	28.3		
21:00		60	48.3	19	2017	1585	16.7	17.4	28.7		
22:00		58	48.6	19	2024	1587	17.6	18.1	29.2		
23:00		58	48.2	19	1996	1593	17.3	17.3	28.9		
00:00		56	47.9	19	1984	1605	17.4	16.7	28.2		
01:00		56	47.5	19	1932	1601	18.0	16.9	29.4		
02:00		56	46.7	20	1956	1593	17.9	17.2	29.2		
03:00		52	46.3	20	1947	1589	18.2	17.4	28.6		
04:00	*2	50	46.2	20	1940	1585	18.3	17.3	28.3		
05:00		50	46.1	20	1921	1583	18.1	17.3	28.2		
06:00		50	46.0	20	1901	1579	18.5	17.5	27.7		
07:00		50	46.2	20	1917	1584	18.9	17.6	28.1		
08:00		54	46.4	20	1936	1578	19.0	17.9	28.2		
09:00		66	46.5	20	1928	1589	19.2	18.0	28.4		
10:00		68	46.7	20	1969	1581	19.0	18.1	28.1		
11:00		72	46.9	20	1876	1583	18.6	18.3	28.0		
12:00		78	47.1	20	1869	1587	18.7	18.1	28.4		
13:00		84	47.3	20	1852	1590	18.9	18.0	28.3		
14:00		84	47.5	20	1873	1589	18.6	18.3	28.6		
15:00	*3	86	47.7	20	1861	1592	18.5	18.5	28.7		
16:00		88	47.9	20	1855	1595	18.4	18.6	29.0		

MDPE FIELD NOTES					
Site Name:	Chevron-Grayburg			Event #:	2
Location:	Buckeye, NM			Arrive at site:	08:00
Date:	7/22/2025				
Job #:	700376.274.19	SRS #:	Chevron Grayburg 6-Inch Historical	Start Vac:	08:30
		Unit:	2097	Stop Vac:	08:30
Onsite Personnel:	L Bridges B Huntington			Leave Site:	09:00

GAUGING DATA							
WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-8	-	124.85	0.00	-	126.02	0.00	
MW-7	125.72	126.11	0.39	-	127.01	0.00	
MW-12	-	125.76	0.00	-	126.72	0.00	
WASTE:	H_2O: 148			PSH: 19			TOTAL (GAL): 167

Sample Name		Analysis	Date:	Time:	Comments:	H_2S	% x Vol	
INFLUENT	#1	C6+	22-Jul-25	09:30	PID = 1669	0	63	
INFLUENT	#2	C6+	22-Jul-25	20:30	PID = 1538	0	67	
INFLUENT	#3	C6+	23-Jul-25	07:30	PID = 1459	0	57	

Notes:	
Tank: 6 1/2 5 3/4	
167 148 19	
Propane: 40 - 20	

Start Date:	7/22/2025	700376.274.19			24HR		2097				Page 1 of 1
Well Flow							Well Data				
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH_2O) 2" Preso	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments: MW-7 Vacuum (inH_2O)	MW-8 Vacuum (inH_2O)	MW-12 Vacuum (inH_2O)		
09:30	*1	76	60.7	19	1669	1457	14.0	14.0	19.6		
10:30		78	60.1	19	1641	1455	14.1	13.7	18.7		
11:30		82	59.2	19	1632	1461	13.2	13.4	18.9		
12:30		88	58.8	19	1612	1467	13.0	13.0	18.3		
13:30		96	58.2	19	1610	1472	12.7	12.9	18.4		
14:30		96	58.4	19	1594	1465	12.4	12.7	18.6		
15:30		98	58.8	19	1576	1469	12.5	12.6	18.5		
16:30		96	58.3	19	1566	1466	12.3	12.6	18.1		
17:30		94	58.7	19	1551	1463	12.1	12.8	18.9		
18:30		88	57.5	19	1549	1459	12.7	12.5	17.9		
19:30		80	57.3	20	1547	1454	12.4	12.3	17.5		
20:30	*2	80	56.7	19	1538	1471	12.9	12.7	17.6		
21:30		78	54.6	19	1520	1482	13.1	12.8	17.9		
22:30		76	54.9	19	1527	1503	13.2	12.5	18.2		
23:30		74	55.2	19	1520	1501	13.6	12.5	18.5		
00:30		74	55.8	19	1515	1500	13.4	12.6	18.7		
01:30		74	56.8	19	1501	1505	13.5	12.7	18.3		
02:30		74	56.9	19	1491	1507	13.6	12.8	18.6		
03:30		74	57.2	19	1482	1507	13.4	12.9	18.7		
04:30		72	57.0	19	1475	1509	13.4	12.7	18.9		
05:30		74	56.9	19	1470	1511	13.7	13.3	19.4		
06:30		72	56.7	19	1463	1510	13.6	13.0	19.0		
07:30	*3	70	56.5	19	1459	1505	13.2	13.0	19.2		
08:30		68	56.4	19	1455	1509	13.1	13.2	19.1		

MDPE FIELD NOTES					
Site Name:	Chevron-Grayburg			Event #:	3
Location:	Buckeye, NM			Arrive at site:	13:30
Date:	9/9/2025				
Job #:	700376.274.19	SRS #:	Chevron Grayburg 6-inch Historical	Start Vac:	14:00
		Unit:	2097	Stop Vac:	14:00
Onsite Personnel:	L Bridges B Huntington			Leave Site:	14:30

GAUGING DATA							
WELL #	BEFORE			AFTER			COMMENTS
	PSH	GW	PSH-T	PSH	GW	PSH-T	
MW-7	125.38	125.96	0.58	-	126.98	0.00	
MW-8	-	125.43	0.00	-	126.31	0.00	
MW-12	-	126.31	0.00	-	127.05	0.00	
WASTE:	H_2O: 116			PSH: 16			TOTAL (GAL): 132

Sample Name		Analysis	Date:	Time:	Comments:			
INFLUENT	#1	C6+	9-Sep-25	15:00	PID = 1945			
INFLUENT	#2	C6+	10-Sep-25	02:00	PID = 1792			
INFLUENT	#3	C6+	10-Sep-25	13:00	PID = 1704			

Notes:	
Tank: 5 1/8	4 1/2
132	116
Propane: 25 - 0	

Start Date: 9/9/2025		700376.274.19			24HR		2097				Page 1 of 1
Well Flow							Well Data				
Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH_2O) 2" Preso	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Comments: MW-7 Vacuum (inH_2O)	MW-8 Vacuum (inH_2O)	MW-12 Vacuum (inH_2O)		
15:00	*1	98	53.2	20	1945	1492	23.9	15.1	24.0		
16:00		96	50.9	20	1929	1517	22.1	15.3	24.1		
17:00		96	49.6	20	1921	1527	21.4	15.5	24.3		
18:00		94	48.2	20	1915	1548	20.5	15.7	24.6		
19:00		94	46.4	20	1901	1559	19.1	15.6	24.5		
20:00		84	45.9	21	1896	1552	18.3	15.5	24.3		
21:00		82	44.5	21	1873	1550	18.0	15.7	24.7		
22:00		80	43.7	21	1857	1549	17.7	15.9	24.8		
23:00		76	42.7	21	1838	1543	17.2	16.1	25.0		
00:00		76	42.2	21	1822	1544	16.2	16.3	25.2		
01:00		74	41.5	21	1815	1541	16.3	16.5	25.0		
02:00	*2	70	41.9	21	1792	1538	16.0	16.1	24.9		
03:00		68	41.6	21	1783	1537	16.1	16.4	25.1		
04:00		66	41.8	21	1769	1532	15.8	16.5	25.3		
05:00		66	41.7	21	1751	1535	16.2	16.7	25.5		
06:00		66	42.0	21	1747	1538	16.6	17.0	25.1		
07:00		66	42.3	21	1735	1536	16.9	16.7	25.4		
08:00		70	42.5	21	1729	1535	17.2	16.8	25.6		
09:00		74	42.5	21	1726	1537	17.5	17.0	25.5		
10:00		80	43.3	21	1720	1539	17.9	17.4	25.8		
11:00		84	42.8	21	1715	1541	17.6	17.6	25.6		
12:00		88	42.5	21	1709	1542	17.7	17.7	25.4		
13:00	*3	92	41.6	21	1704	1540	17.9	17.9	25.1		
14:00		94	41.9	21	1711	1543	17.5	18.1	25.2		

MDPE Field Notes

Site Name
Chevron Grayburg

Event #
4

Project Number
700376.274.19 - PlainsChevronGrayburgQCY25.MOX.JCH - SRS # Chevron-Grayburg - 6Inch, Historical, ENV-00

Date
Wednesday, November 5, 2025

Project Manager
John Hanley

Onsite Personnel

First + Last Name
B Huntington
N Parker

Arrival at Site
Wednesday, November 5, 2025 16:30

Start Vac
Wednesday, November 5, 2025 17:00

Gauging Data

Well # MW 7

Data

	Before	After
PSH	125.53	127.38
GW	125.69	127.38
PSH-T	0.16	0

Comments No ending psh

Well # MW 8

Data

	Before	After
PSH	124.82	125.93
GW	124.82	125.93
PSH-T	0	0

Comments No psh detected at start

Well # MW 12

Data

	Before	After
PSH	125.68	127.01
GW	125.68	127.01
PSH-T	0	0

Comments No psh detected at start

Stop Vac	Thursday, November 6, 2025 17:00
Leave Site	Thursday, November 6, 2025 17:30
Waste Totals	
H20	254
PSH	7
Total (GAL)	261

Sample Information

Sample 1

Sample Name	Influent 1
Analysis	C6+
Date and Time	Wednesday, November 5, 2025 18:00
Comments	Pid - 952

Sample 2

Sample Name	Influent 2
Analysis	C6+
Date and Time	Thursday, November 6, 2025 05:00
Comments	Pid - 833

Sample 3

Sample Name	Influent 3
Analysis	C6+
Date and Time	Thursday, November 6, 2025 16:00
Comments	Pid - 751

Sample 4

Final Notes

Tank total - 10 1/8 - 9 7/8

Propane 80%-40%

MDPE Well Flow Data

Project Number

700376.274.19 - PlainsChevronGrayburgQCY25.MOX.JCH - SRS # Chevron-Grayburg - 6Inch, Historical, ENV-00

Start Date

Wednesday, November 5, 2025

Day

1

Unit(s)

2097

Well Flow

Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH_2O)	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Well Number	Vacuum (inH_2O)	Well Number	Vacuum (inH_2O)	Well Number	Vacuum (inH_2O)	Well Number	Vacuum (inH_2O)	Well Number	Vacuum (inH_2O)
18:00	1	78	56.8	19	952	1420	MW 7	16.5	MW 8	11.4	MW 12	15.3				
19:00		64	56.0	20	938	1526	MW 7	17.2	MW 8	10.7	MW-12	15.8				
20:00		56	55.7	20	901	1537	MW 7	17.6	MW 8	10.3	MW 12	15.4				
21:00		54	55.5	20	917	1541	MW 7	17.3	MW 8	10.4	MW 12	15.2				
22:00		50	55.1	20	926	1546	MW 7	17.5	MW 8	10.6	MW 12	15.1				
23:00		48	55.4	20	911	1550	MW 7	17.6	MW 8	10.7	MW 12	15.3				
00:00		46	55.3	20	895	1555	MW 7	17.7	MW 8	10.8	MW 12	15.0				
01:00		46	55.2	20	876	1554	MW 7	17.6	MW 8	10.7	MW 12	15.1				
02:00		44	55.4	20	881	1551	MW 7	17.4	MW 8	10.6	MW 12	15.3				
03:00		42	55.7	20	864	1558	MW 7	17.7	MW 8	10.6	MW 12	16.4				
04:00		40	55.9	20	849	1569	MW 7	17.8	MW 8	10.4	MW 12	17.5				

Time	Sample Taken	Influent Temperature (°F)	Differential Pressure (inH_2O)	Vacuum (inHg)	PID Composite (ppm)	Exhaust Temperature (°F)	Well Number	Vacuum (inH_2O)	Well Number	Vacuum (inH_2O)	Well Number	Vacuum (inH_2O)	Well Number	Vacuum (inH_2O)	Well Number	Vacuum (inH_2O)
05:00	2	40	55.1	20	833	1562	MW 7	17.4	MW 8	10.5	MW 12	17.6				
06:00		40	54.6	20	817	1565	MW 7	17.5	MW 8	10.6	MW 12	17.8				
07:00		42	54.2	20	805	1564	MW 7	17.2	MW 8	10.4	MW 12	17.7				
08:00		44	53.8	20	796	1560	MW 7	17.0	MW 8	10.3	MW 12	17.6				
09:00		56	54.5	20	777	1552	MW 7	17.3	MW 8	10.5	MW 12	17.8				
10:00		68	55.6	20	784	1541	MW 7	17.6	MW 8	10.7	MW 12	17.9				
11:00		76	53.7	20	810	1532	MW 7	17.3	MW 8	10.5	MW 12	17.8				
12:00		84	56.9	20	799	1524	MW 7	17.7	MW 8	10.9	MW-12	17.4				
13:00		88	57.5	20	770	1520	MW 7	17.6	MW 8	11.0	MW 12	17.6				
14:00		92	58.8	20	768	1518	MW 7	17.5	MW 8	11.1	MW 12	17.8				
15:00		96	59.3	20	743	1523	MW 7	17.7	MW 8	11.2	MW 12	17.9				
16:00	3	96	58.9	20	751	1525	MW 7	17.8	MW 8	11.3	MW 12	17.6				
17:00		96	58.5	20	762	1527	MW 7	17.5	MW 8	11.0	MW 12	17.7				

ATTACHMENT 2

Laboratory Analytical Results

Certificate of Analysis

Number: 1030-25050388-001A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Jason Shubert
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 1	Report Date:	05/15/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron Greyborg	Sample Date:	05/08/2025 17:00
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	05/13/2025
Analyzed:	05/15/2025 06:57:28 by PTW	Login Date:	05/13/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.815	95.867		GPM TOTAL C2+	0.194
Methane	NIL	NIL		GPM TOTAL C3+	0.194
Carbon Dioxide	1.734	2.670		GPM TOTAL iC5+	0.194
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.004	0.010	0.001		
n-Pentane	0.006	0.015	0.002		
Hexanes Plus	0.441	1.438	0.191		
	100.000	100.000	0.194		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9869	3.2176
Calculated Molecular Weight	28.58	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	23	5113
Water Sat. Gas Base BTU	23	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Certificate of Analysis

Number: 1030-25050388-002A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Jason Shubert
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 2	Report Date:	05/15/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron Greyborg	Sample Date:	05/09/2025 04:00
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	05/13/2025
Analyzed:	05/15/2025 07:19:14 by PTW	Login Date:	05/13/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.733	95.621		GPM TOTAL C2+	0.226
Methane	NIL	NIL		GPM TOTAL C3+	0.226
Carbon Dioxide	1.744	2.681		GPM TOTAL iC5+	0.226
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.002	0.005	0.001		
n-Pentane	0.004	0.010	0.001		
Hexanes Plus	0.517	1.683	0.224		
	100.000	100.000	0.226		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9886	3.2176
Calculated Molecular Weight	28.63	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	27	5113
Water Sat. Gas Base BTU	26	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Certificate of Analysis

Number: 1030-25050388-003A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Jason Shubert
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 3	Report Date:	05/15/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron Greyborg	Sample Date:	05/09/2025 15:00
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	05/13/2025
Analyzed:	05/15/2025 07:41:01 by PTW	Login Date:	05/13/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	98.830	97.520		GPM TOTAL C2+	0.167
Methane	NIL	NIL		GPM TOTAL C3+	0.167
Carbon Dioxide	0.784	1.215		GPM TOTAL iC5+	0.167
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.001	0.003	NIL		
n-Pentane	0.002	0.005	0.001		
Hexanes Plus	0.383	1.257	0.166		
	100.000	100.000	0.167		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9802	3.2176
Calculated Molecular Weight	28.39	93.19
Compressibility Factor	0.9997	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	20	5113
Water Sat. Gas Base BTU	19	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.

Analysis Request Chain of Custody Record

SPL	SPL Work Order No.:	SPL Work Order No.:	Acct. Mate Code:	Dept. Code	SPL Page 1 of 1	
Report To: (Company Name): Talon LPE	Project/Station Name: Chevron Greyback	Project/Station Number: 70376.274.19	Project/Station Location: Buckeye NM		Requested TAT	
Address: 921 N. Bivins	Special Instructions:				☐ 24hr *	
City/State/Zip: Amarillo, Texas 79107					☐ 48hr *	
Contact: Jason Shubert					☐ 72hr *	
Phone: 806-467-0607 Fax: 806-467-0622						
Invoice To: (Company Name): Talon LPE	Indicate Billing Type.	Net 30 day Acct. ☐	Check #	Cash Recv'd $	☐ Standard	
Address: 921 N Bivins		Credit Card ☐	Contact SPL. Inc for CC payment arrangements.		☐ Other Indicate Below	
City/State/Zip: Amarillo, Texas 79107	* Terms: Cylinders will be rented for $10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.					
Contact: Jason Shubert						
Phone: 806-467-0607 Fax: 806-467-0622						
PO / Ref. No.:						
Contract/Proposal #:						

Sample ID & Point	Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder Tracking Info * Cylinder #	Date Out	Date In	Requested Analysis C6+	* Surcharges May Apply Comments
INlet 1	5.8	1700	Gas							X	
INlet 2	5.9	0400	/							X	
INlet 3	5.9	1500	/							X	

Sampled By-Print Name: Billy Tyler	Company Name:					
Signature:						
Relinquished By-Print Name: Billy Tyler	Date: 5-9-25	Time:	Received By-Print Name:		Date:	Time:
Signature:			Signature:			
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name:		Date:	Time:
Signature:			Signature:			
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name:		Date:	Time:
Signature:			Signature:			

RECEIVED MAY 13 2025 BY: 10:05

☐ 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901
☐ 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337
☐ P.O. Box 3079 Laurel, MS 39442 (601) 428-0842
☐ 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775
☐ 1595 US 79 South Carthage, TX 75633 (903) 693-6242
☐ 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be e-mailed to you.

Certificate of Analysis

Number: 1030-25070915-001A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

John Hanley
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 1	Report Date:	07/31/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron Greyborg	Sample Date:	07/22/2025 09:30
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	07/28/2025
Analyzed:	07/30/2025 20:59:01 by EKK	Login Date:	07/28/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.332	95.256		GPM TOTAL C2+	0.163
Methane	NIL	NIL		GPM TOTAL C3+	0.163
Carbon Dioxide	2.290	3.521		GPM TOTAL iC5+	0.163
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.004	0.010	0.001		
n-Pentane	0.007	0.018	0.003		
Hexanes Plus	0.367	1.195	0.159		
	100.000	100.000	0.163		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9883	3.2176
Calculated Molecular Weight	28.62	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	19	5113
Water Sat. Gas Base BTU	19	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Certificate of Analysis

Number: 1030-25070915-002A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

John Hanley
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 2	Report Date:	07/31/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron Greyborg	Sample Date:	07/22/2025 20:30
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	07/28/2025
Analyzed:	07/30/2025 21:22:05 by EKK	Login Date:	07/28/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	95.970	93.175		GPM TOTAL C2+	0.174
Methane	NIL	NIL		GPM TOTAL C3+	0.174
Carbon Dioxide	3.627	5.532		GPM TOTAL iC5+	0.174
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.003	0.008	0.001		
n-Pentane	0.010	0.025	0.004		
Hexanes Plus	0.390	1.260	0.169		
	100.000	100.000	0.174		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9963	3.2176
Calculated Molecular Weight	28.85	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	20	5113
Water Sat. Gas Base BTU	20	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Certificate of Analysis

Number: 1030-25070915-003A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

John Hanley
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 3	Report Date:	07/31/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron Greyborg	Sample Date:	07/23/2025 07:30
Method:	GPA-2261M	Sample Conditions:	
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	07/28/2025
Analyzed:	07/30/2025 22:18:00 by EKK	Login Date:	07/28/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	96.658	94.272		GPM TOTAL C2+	0.155
Methane	NIL	NIL		GPM TOTAL C3+	0.155
Carbon Dioxide	2.983	4.571		GPM TOTAL iC5+	0.155
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.002	0.005	0.001		
n-Pentane	0.008	0.020	0.003		
Hexanes Plus	0.349	1.132	0.151		
	100.000	100.000	0.155		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9917	3.2176
Calculated Molecular Weight	28.72	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	18	5113
Water Sat. Gas Base BTU	18	5024

Andy Hartman, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

SPL

SPL Work Order No.:	SPL Work Order No.:	Acct. Mate Code:	Dept. Code	SPL	Page 1 of 1

Report To: (Company Name):	Talon LPE		
Address	921 N. Bivins		
City/State/Zip	Amarillo, Texas 79107		
Contact:	Jason Shubert		
Phone:	806-467-0607	Fax:	806-467-0622
Invoice To: (Company Name):	Talon LPE		
Address	921 N Bivins		
City/State/Zip	Amarillo, Texas 79107		
Contact:	Jason Shubert		
Phone:	806-467-0607	Fax:	806-467-0622
PO / Ref. No.:			
Contract/Proposal #:			

Project/Station Name: Charlon Grayburg
Project/Station Number: 702776.274.19
Project/Station Location: Buckeye NM

Special Instructions:

Indicate Billing Type: Net 30 day Acct. ☐ Check # ___ Cash Recv'd $ ___
Credit Card ☐ Contact SPL, Inc for CC payment arrangements.

* Terms: Cylinders will be rented for $10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.

Requested TAT: ☐ 24hr * ☐ 48hr * ☐ 72hr * ☐ Standard ☐ Other (Indicate Below)

* Surcharges May Apply

Requested Analysis

Sample ID & Point	Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder #	Date Out	Date In	C6+												Comments
Inflent 1	7-22-25	0930	Gas							X												
IN flueut 2	7-22-25	2030	|							X												
IN fluet 3	7-23-25	0730	|							X												

Sampled By-Print Name: B Holshe
Signature: [signature]
Company Name:

Relinquished By-Print Name: B Holshe Signature: [signature]	Date: 7-25	Time:	Received By-Print Name: Signature:	Date:	Time:
Relinquished By-Print Name: Signature:	Date:	Time:	Received By-Print Name: Signature: [signature]	Date:	Time:
Relinquished By-Print Name: Signature:	Date:	Time:	Received By-Print Name: Signature:	Date:	Time:

RECEIVED JUL 28 2025 BY: 09:18

☐ 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901
☐ 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337
☐ P.O. Box 3079 Laurel, MS 39442 (601) 428-0842
☐ 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775
☐ 1595 US 79 South Carthage, TX 75633 (903) 693-6242
☐ 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be e-mailed to you.

Certificate of Analysis

Number: 1030-25090535-001A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

John Hanley
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 1	Report Date:	09/22/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron Greyborg	Sample Conditions:	
Method:	GPA-2261M	Sample Date:	09/09/2025 15:00
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	09/16/2025
Analyzed:	09/19/2025 12:09:09 by EKK	Login Date:	09/17/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	94.899	91.265		GPM TOTAL C2+	0.267
Methane	NIL	NIL		GPM TOTAL C3+	0.267
Carbon Dioxide	4.481	6.770		GPM TOTAL iC5+	0.267
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.006	0.015	0.002		
n-Pentane	0.020	0.050	0.007		
Hexanes Plus	0.594	1.900	0.258		
	100.000	100.000	0.267		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0058	3.2176
Calculated Molecular Weight	29.13	93.19
Compressibility Factor	0.9995	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	31	5113
Water Sat. Gas Base BTU	31	5024

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Certificate of Analysis

Number: 1030-25090535-002A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

John Hanley
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 2	Report Date:	09/22/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron Greyborg	Sample Conditions:	
Method:	GPA-2261M	Sample Date:	09/10/2025 14:00
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	09/16/2025
Analyzed:	09/19/2025 13:10:00 by EKK	Login Date:	09/17/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	95.285	91.979		GPM TOTAL C2+	0.225
Methane	NIL	NIL		GPM TOTAL C3+	0.225
Carbon Dioxide	4.192	6.357		GPM TOTAL iC5+	0.225
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.006	0.015	0.002		
n-Pentane	0.015	0.037	0.005		
Hexanes Plus	0.502	1.612	0.218		
	100.000	100.000	0.225		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.0020	3.2176
Calculated Molecular Weight	29.02	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	27	5113
Water Sat. Gas Base BTU	26	5024

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Certificate of Analysis

Number: 1030-25090535-003A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

John Hanley
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent 3	Report Date:	09/22/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron Greyborg	Sample Conditions:	
Method:	GPA-2261M	Sample Date:	09/10/2025 13:00
Instrument:	HGC 16 A + 16B, Rear TCD #16B	Received Date:	09/16/2025
Analyzed:	09/19/2025 13:38:06 by EKK	Login Date:	09/17/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	96.403	93.721		GPM TOTAL C2+	0.201
Methane	NIL	NIL		GPM TOTAL C3+	0.201
Carbon Dioxide	3.130	4.781		GPM TOTAL iC5+	0.201
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.004	0.010	0.001		
n-Pentane	0.013	0.033	0.005		
Hexanes Plus	0.450	1.455	0.195		
	100.000	100.000	0.201		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9949	3.2176
Calculated Molecular Weight	28.81	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	24	5113
Water Sat. Gas Base BTU	23	5024

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.

Analysis Request Chain of Custody Record

SPL	SPL Work Order No.:	SPL Work Order No.:	Acct. Mate Code:	Dept. Code	SPL	
					Page 1 of 1	

Report To: (Company Name):	Talon LPE	Project/Station Name:	Project/Station Number:	Project/Station Location:	Requested TAT
Address	921 N. Bivins	Chaison Grayburg	20076 374.19	Buckeye NM	☐ 24hr *
City/State/Zip	Amarillo, Texas 79107	Special Instructions:			☐ 48hr *
Contact:	Jason Shubert				☐ 72hr *
Phone:	806-467-0607 Fax: 806-467-0622				☐ Standard
Invoice To: (Company Name):	Talon LPE	Indicate Billing Type.	Net 30 day Acct. ☐	Check # Cash Recv'd $	☐ Other Indicate Below
Address	921 N Bivins		Credit Card ☐	Contact SPL, Inc for CC payment arrangements.	
City/State/Zip	Amarillo, Texas 79107	* Terms: Cylinders will be rented for $10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.			
Contact:	Jason Shubert				
Phone:	806-467-0607 Fax: 806-467-0622				
PO / Ref. No.:					
Contract/Proposal #:					

RECEIVED
SEP 16 2025
BY:

Sample ID & Point	Sample Date	Sample Time	Sample Type (Gas/Liq, Solid)	Duplicate	Composite	Spot	Cylinder Tracking Info * Cylinder #	Date Out	Date In	Requested Analysis C6+	Comments
Inlet 1	9.9.25	1700	GAS							X	
Inlet 2	9.10.25	0700								X	
Inlet 3	9.10.25	1300								X	

* Surcharges May Apply

Sampled By-Print Name: Blake Hall	Company Name:				
Signature:					
Relinquished By-Print Name: Blake Hall	Date: 9-16-25	Time:	Received By-Print Name:	Date:	Time:
Signature:			Signature:		
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name:	Date:	Time:
Signature:			Signature:		
Relinquished By-Print Name:	Date:	Time:	Received By-Print Name: Vy Vu	Date:	Time:
Signature:			Signature:		

☒ 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901	☐ 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337	☐ P.O. Box 3079 Laurel, MS 39442 (601) 428-0842	
☐ 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775	☐ 1595 US 79 South Carthage, TX 75633 (903) 693-6242	☐ 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777	

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be e-mailed to you.

Certificate of Analysis

Number: 1030-25110366-001A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

John Hanley
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent # 1	Report Date:	11/18/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron-Greyburg	Sample Conditions:	
Method:	GPA-2261M	Sample Date:	11/05/2025 18:00
Instrument:	HGC 24A + 24B, 850 MIB_4 - Channel 1	Received Date:	11/11/2025
Analyzed:	11/14/2025 16:02:13 by EKK	Login Date:	11/12/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	96.396	94.047		GPM TOTAL C2+	0.109
Methane	NIL	NIL		GPM TOTAL C3+	0.109
Carbon Dioxide	3.350	5.135		GPM TOTAL iC5+	0.109
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.001	0.003	NIL		
n-Pentane	0.009	0.023	0.003		
Hexanes Plus	0.244	0.792	0.106		
	100.000	100.000	0.109		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9914	3.2176
Calculated Molecular Weight	28.71	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	13	5113
Water Sat. Gas Base BTU	13	5024

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Certificate of Analysis

Number: 1030-25110366-002A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

John Hanley
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent # 2	Report Date:	11/18/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron-Greyburg	Sample Conditions:	
Method:	GPA-2261M	Sample Date:	11/06/2025 05:00
Instrument:	HGC 24A + 24B, 850 MIB_4 - Channel 1	Received Date:	11/11/2025
Analyzed:	11/14/2025 16:27:51 by KAN	Login Date:	11/12/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	95.538	92.789		GPM TOTAL C2+	0.103
Methane	NIL	NIL		GPM TOTAL C3+	0.103
Carbon Dioxide	4.221	6.440		GPM TOTAL iC5+	0.103
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.001	0.003	NIL		
n-Pentane	0.011	0.028	0.004		
Hexanes Plus	0.229	0.740	0.099		
	100.000	100.000	0.103		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9959	3.2176
Calculated Molecular Weight	28.84	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	12	5113
Water Sat. Gas Base BTU	12	5024

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Certificate of Analysis

Number: 1030-25110366-003A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

John Hanley
Talon LPE
921 N Bivins
Amarillo, TX 79107

Station Name:	Influent # 3	Report Date:	11/18/2025
Station Number:	700376.274.19	Sampled By:	BH
Station Location:	Buckeye, NM	Sample Of:	Gas Spot
Sample Point:	Chevron Grayburg	Sample Conditions:	
Method:	GPA-2261M	Sample Date:	11/06/2025 16:00
Instrument:	HGC 24A + 24B, 850 MIB_4 - Channel 1	Received Date:	11/11/2025
Analyzed:	11/14/2025 16:47:31 by KAN	Login Date:	11/12/2025

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	97.141	95.274		GPM TOTAL C2+	0.082
Methane	NIL	NIL		GPM TOTAL C3+	0.082
Carbon Dioxide	2.668	4.111		GPM TOTAL iC5+	0.082
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	0.004	0.010	0.001		
n-Pentane	0.007	0.018	0.003		
Hexanes Plus	0.180	0.587	0.078		
	100.000	100.000	0.082		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9862	3.2176
Calculated Molecular Weight	28.56	93.19
Compressibility Factor	0.9996	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	10	5113
Water Sat. Gas Base BTU	9	5024

Joseph Ponminissery, Laboratory Director

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

SPL, Inc.
Analysis Request Chain of Custody Record

SPL

SPL Work Order No.:	
SPL Work Order No.:	
Acct. Mate Code:	
Dept. Code	
SPL Page 1 of 1	

Report To: (Company Name):	Talon LPE
Address	921 N. Bivins
City/State/Zip	Amarillo, Texas 79107
Contact:	Jason Shubert
Phone:	806-467-0607 Fax: 806-467-0622
Invoice To: (Company Name):	Talon LPE
Address	921 N Bivins
City/State/Zip	Amarillo, Texas 79107
Contact:	Jason Shubert
Phone:	806-467-0607 Fax: 806-467-0622
PO / Ref. No.:	
Contract/Proposal #:	

Project/Station Name:	Project/Station Number:	Project/Station Location:
Chisum Gayburg	7003702 7419	Buckeye NM

Special Instructions:

Indicate Billing Type: Net 30 day Acct. ☐ Check # ___ Cash Recv'd $ ___ ; Credit Card ☐ Contact SPL, Inc for CC payment arrangements.

* Terms: Cylinders will be rented for $10/cyl. All cylinders checked out are to be returned within 21 days, whether they contain sample or not. Cylinders not returned after 30 days will be considered lost and will be billed at current replacement cost.

Requested TAT: ☐ 24hr * ☐ 48hr * ☐ 72hr * ☐ Standard ☐ Other Indicate Below

* Surcharges May Apply

Requested Analysis

Sample ID & Point	Sample Date	Sample Time	Sample Type (Gas/Liq. Solid)	Duplicate	Composite	Spot	Cylinder #	Date Out	Date In	C6+	Comments
Inlet 1	11-5-25	1100	Gas							X	
Inlet 2	11-6-25	0900	|							X	
Inlet 3	11-6-25	1600	|							X	

Sampled By-Print Name: B Hartsfield Signature: [signature]		Company Name:	
Relinquished By-Print Name: B Hartsfield Signature: [signature]	Date: 11-6-25 Time:	Received By-Print Name: Signature:	Date: Time:
Relinquished By-Print Name: Signature:	Date: Time:	Received By-Print Name: Signature:	Date: Time:
Relinquished By-Print Name: Signature:	Date: Time:	Received By-Print Name: Signature: [signature] 10AM	Date: Time:

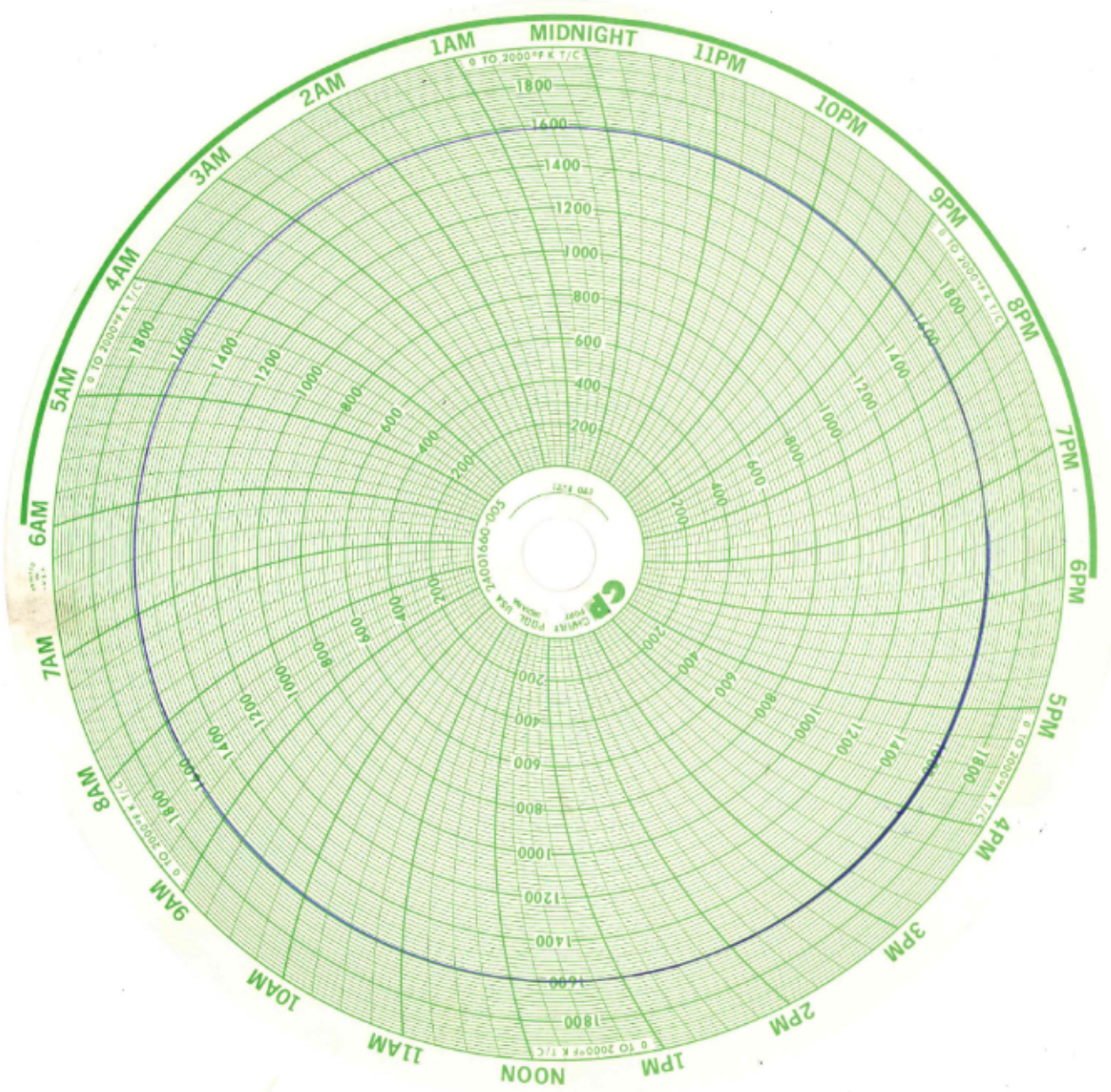
NOV 11 2025

☐ 8820 Interchange Dr. Houston, TX 77054 (713) 660-0901
☐ 9221 Highway 23 Belle Chasse, LA 70037 (504) 391-1337
☐ P.O. Box 3079 Laurel, MS 39442 (601) 428-0842
☐ 500 Ambassador Caffery Pkwy Scott, LA 70583 (337) 237-4775
☐ 1595 US 79 South Carthage, TX 75633 (903) 693-6242
☐ 459 Hughes Dr. Traverse City, MI 49686 (616) 947-5777

Note: As a convenience to our clients, this form is available in an electronic format. Please contact one of our offices above for the form to be e-mailed to you.

ATTACHMENT 3

Oxidizer Charts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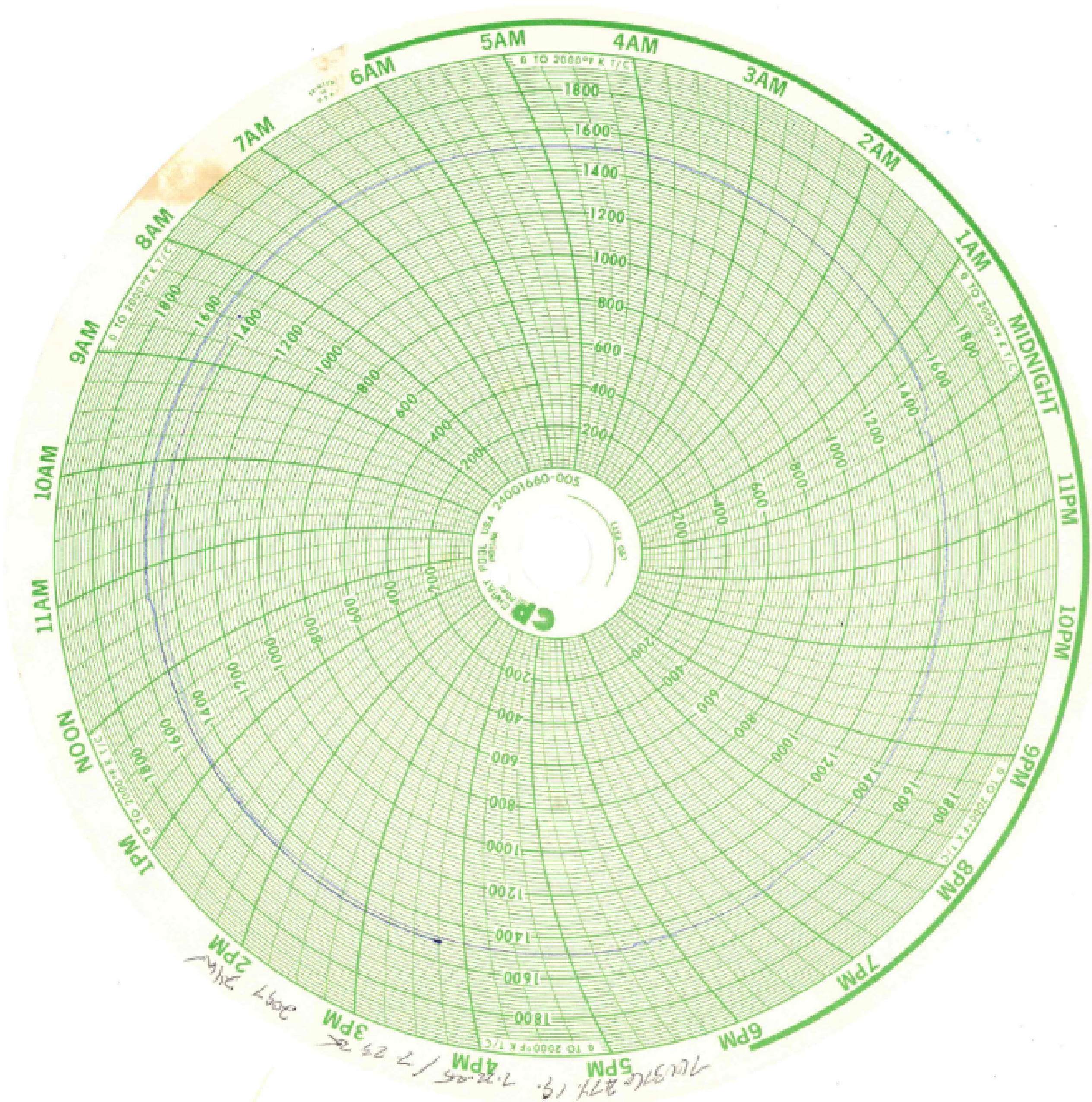
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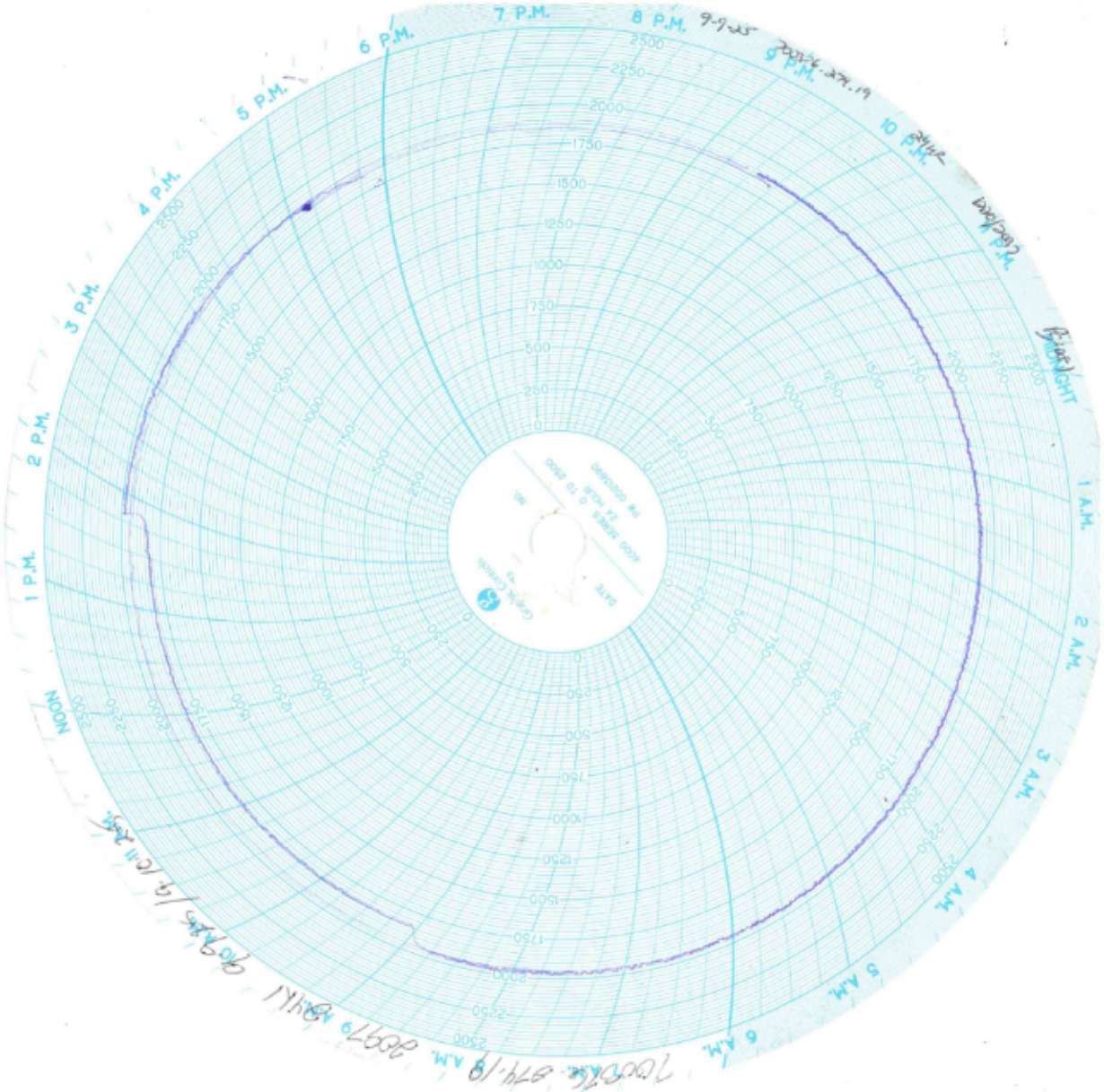
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8 P.M.
9 P.M.
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11 P.M.
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1 P.M.
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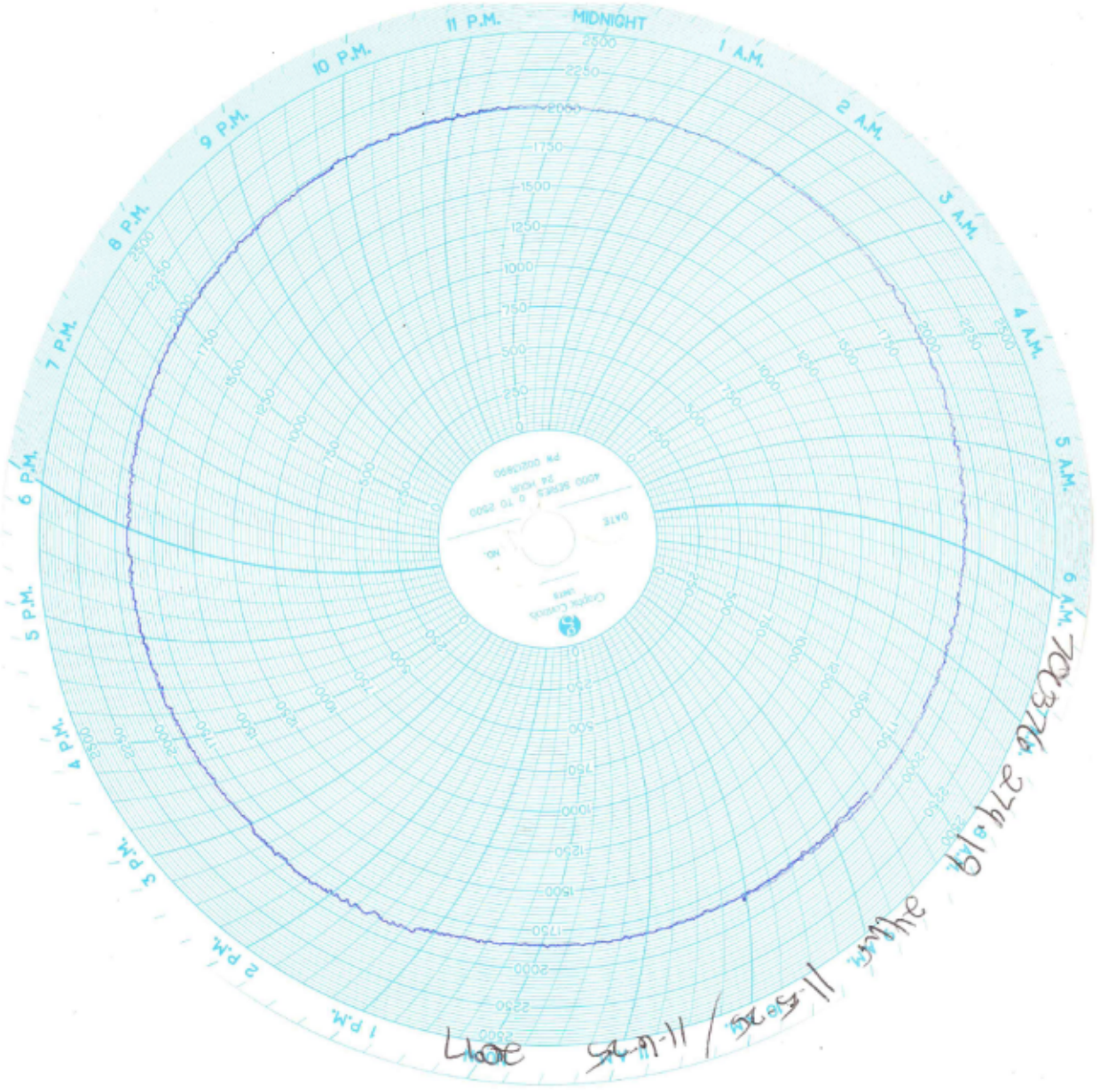
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 567258

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID: 34053
	Action Number: 567258
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	4/9/2026
amaxwell	Continue quarterly groundwater monitoring events for sampling of groundwater and analysis of BTEX.	4/9/2026
amaxwell	Submit a C141N sampling notification for all sampling monitoring events.	4/9/2026
amaxwell	Submit annual report by April 1, 2027.	4/9/2026