2024 ANNUAL MONITORING REPORT

MONUMENT 10
SRS NO: TNM MONUMENT 10
LEA COUNTY, NEW MEXICO
NE ¼ NE¼ Section 30, Township 19 South, Range 37 East
INCIDENT # nAPP2109536610

Prepared For:

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TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2024 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by TRC, formerly NOVA Safety and Environmental (NOVA). The Monument 10 Site (the Site), formally the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with figures, attachments, tables, and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2024. For reference, the Site Location Map is provided as Figure 1. A map depicting site details and well locations is provided for reference as Figure 2. Cumulative tables and laboratory data are provided in this report.

Groundwater monitoring was conducted each quarter of 2024 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). The groundwater monitoring events consisted of measuring static water levels in the monitor wells, checking for the presence of PSH and purging and sampling of each well exhibiting sufficient recharge. Monitor wells exhibiting a thickness of PSH greater than 0.01 foot were not sampled per a NMOCD directive, with the exception of monitor wells selected as part of monitored natural attenuation (MNA) sampling activities.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site location is NE ¼ NE¼ Section 30, Township 19 South, Range 37 East. No information with respect to the release date, volume of crude oil released or recovered, excavation volumes, or pipeline repair details is available. The Release Notification and Corrective Action (Form C-141) is provided as Appendix A. The initial site investigation, consisting of the installation of seven (7) groundwater monitor wells (MW-1 through MW-7), was conducted by a previous consultant.

On September 2, 2020, monitor well MW-3 (2” diameter) was plugged and abandoned and monitor well MW-3A (4” diameter) was drilled and completed approximately twelve (12) feet to the southeast of monitor well MW-3.

Due to declining PSH thicknesses, the automated recovery system which recovered PSH from monitor wells MW-2 and MW-3, was decommissioned in the 2nd quarter of 2015.

Currently, there are seven (7) monitor wells (MW-1, MW-2, MW-3A, and MW-4 through MW-7) onsite.

FIELD ACTIVITIES

Product Recovery Efforts

Measurable thicknesses of PSH were present in monitor wells MW-2 and MW-3A ranging from 0.02 feet on June 7, 2024, to 0.92 feet on January 5, 2024. PSH data for the 2024 gauging events can be found in Table 1.

PSH abatement in conjunction with dissolved phase hydrocarbon abatement via hand bailing occurred monthly during 2024. Approximately 21.9 gallons (approximately 0.52 barrels) of PSH were recovered during 2024. A total of approximately 3,073.05 gallons (approximately 73.17 barrels) of PSH have been recovered since project inception. Recovered fluids were disposed of at an NMOCD approved facility as directed by Plains.

Gauging and Groundwater Abatement

Gauging and groundwater dissolved phase hydrocarbon abatement events via hand bailing occurred monthly at the Site during the 2024. 1,550 gallons (36.9 barrels) of water was recovered from monitor wells MW-2 and MW-3A. Recovered fluids were disposed of at an NMOCD approved facility as directed by Plains.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were conducted according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004, and amended by NMOCD correspondences dated June 22, 2005, January 26, 2006, and October 31, 2012.

NMOCD Approved Sampling Schedule	
MW-1	Quarterly
MW-2	Quarterly
MW-3	Plugged and abandoned
MW-3A	Quarterly
MW-4	Annually
MW-5	Annually
MW-6	Semi-Annually
MW-7	Semi-Annually

Quarterly monitor well gauging and groundwater sampling events for 2024 were conducted on February 13-14, May 7, August 27-28, and November 11-12, 2024. to assess the distribution of dissolved phase hydrocarbons. Groundwater potentiometric surface data for the 2024 reporting period is presented in Table 1.

Prior to collecting groundwater samples, each monitor well was gauged from the top of casing (TOC) for depths to fluids and total depth using an interface probe. Monitor wells not scheduled for sampling and not having measurable PSH were purged of a minimum of three (3) well volumes of water or until the wells bailed/pumped dry then allowed to recharge, after which groundwater samples were collected from each well using a disposable PVC sampler. Water samples were

collected in clean glass containers (VOA's) provided by the laboratory, labeled, placed on ice, and chilled to a temperature of approximately 4° Celsius (C). Groundwater samples were submitted under proper chain-of custody control to Permian Basin Environmental Laboratory, in Midland, Texas, for analysis of BTEX by Environmental Protection Agency (EPA) Method SW846-8021B. Purge water was placed into and stored in a portable tank and then transported to a NMOCD licensed disposal facility as directed by Plains.

Please note, during all four (4) quarters of the reporting period, monitor wells MW-1, MW-2, MW-3A, MW-4, MW-6, and MW-7 were sampled using industry standard low-flow sampling techniques. A water quality meter was utilized to monitor the flow of groundwater for pH, temperature (°C), conductivity, Oxygen Reduction Potential (ORP), Dissolved Oxygen (DO), and Turbidity. The above parameters were monitored until three (3) of the six (6) parameters stabilized to within a ten percent (10%) "window", at which time groundwater samples were collected. The six (6) monitor wells (MW-1, MW-2, MW-3A, MW-4, MW-6, and MW-7) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

The most recent Groundwater Gradient Map, Figure 2D, indicated a general gradient of 0.007 feet/foot to the southeast. This is consistent with data presented on Figures 2A through 2C from earlier in the year, which indicated an average general gradient of 0.007 feet/foot to the southeast. The corrected groundwater elevations ranged between 3,604.85 and 3,609.45 feet above mean sea level, in monitor well MW-6 on August 27, 2024, and monitor well MW-1 on May 7, 2024, respectively. Groundwater elevation data for 2024 is provided as Table 1. Historical groundwater elevation data beginning at project inception is summarized in Table 4

LABORATORY RESULTS

Groundwater samples obtained during the four (4) quarterly sampling events of 2024 were delivered to Permian Basin Environmental Laboratories, Inc. in Midland, Texas for determination BTEX constituent concentrations by EPA Method 8021B. A listing of BTEX constituent concentrations for 2024 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. Copies of the laboratory reports generated for 2024 are provided in Appendix B. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270 was conducted on monitor well MW-3A during the 4th quarter. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above NMWQCC standards are sampled, with the exclusion of those wells having measurable PSH thicknesses. The 2024 PAH concentrations in groundwater are summarized in Table 3 and historical PAH concentrations in groundwater are summarized in Table 6.

Monitor well MW-1 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations were less than the applicable laboratory Reporting Limit (RL) and the NMOCD regulatory guidelines for all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL for the 3rd and 4th quarter to 0.00325 mg/L for the 2nd quarter sampling event of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines for all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL for the 1st and 4th quarter sampling event to 0.00213 mg/L for the 2nd quarter sampling event of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines for all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL for the 4th quarter to 0.00607 mg/L for the 2nd quarter sampling event of the reporting period. Xylene concentrations were below the NMOCD regulatory guidelines for all four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2012. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-1 was selected as MNA parameter well and is located "upgradient within plume" location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-1.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/14/24	MW-1	6.56	21.75	1.06	-37.7	0.04	233.6
05/07/24	MW-1	6.91	23.26	1.02	-125.2	0.00	78.84
08/28/24	MW-1	6.69	28.82	1.0	-158.6	0.01	878.51
11/11/24	MW-1	6.89	22.11	0.92	-314.6	0.04	211.54

Analytical benzene data for up to the previous eight (8) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "Stable" in monitor well MW-1. Analytical toluene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Probably Decreasing" in monitor well MW-1. Analytical ethylbenzene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-1. Analytical xylene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-1.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Monitor well MW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL and the NMOCD regulatory guidelines for all four (4) quarters of the 2024 reporting period. Toluene concentrations ranged from less than the applicable laboratory RL for the 3rd quarter to 0.00181 mg/L for the 1st quarter sampling event of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines for all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL for the 1st and 2nd quarters to 0.00284 mg/L for the 3rd quarter sampling event of reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines for all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL for the 2nd quarter to 0.01010 mg/L for the 3rd quarter sampling event of reporting period. Xylene concentrations were below the NMOCD regulatory guidelines for all four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2012. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-2 was selected as MNA parameter well and is located "cross gradient of plume" location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-2.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/14/24	MW-2	6.52	21.68	0.81	-62.8	0.12	139.2
05/07/24	MW-2	7.19	21.95	0.77	-182.7	0.10	31.08
08/28/24	MW-2	7.11	23.05	0.74	156.5	0.81	419.94
11/11/24	MW-2	7.25	23.72	0.74	-314.1	2.45	282.45

Analytical benzene data for the previous eight (8) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "Stable" in monitor well MW-2. Analytical toluene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-2. Analytical ethylbenzene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-2. Analytical xylene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-2.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Monitor well MW-3A is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00160 mg/L for the 3rd quarter to 0.0132 mg/L for the 2nd quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines for the 2nd quarter and below for all other quarters. Toluene concentrations ranged 0.00238 mg/L for the 4th quarter to 0.0644 mg/L for the 2nd quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines for all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00127 mg/L for the 1st quarter to 0.1340 mg/L for the 2nd quarter of reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines for all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00969 mg/L for the 4th quarter to 0.1162 mg/L for the 2nd quarter of reporting period. Xylene concentrations were below the NMOCD regulatory guidelines for all four (4) quarters of the reporting period. PAH analysis was not performed during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-3A was selected as an MNA parameter well and is located in the "Center of Plume". PSH thicknesses were removed prior to the collection of groundwater samples during the reporting period and groundwater samples were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-3A.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
2/14/24	MW-3A	6.84	20.57	0.84	-89.7	1.01	104.8
5/07/24	MW-3A	7.36	21.26	0.83	-169.4	0.00	247.9
8/28/24	MW-3A	7.25	31.56	0.78	112.1	1.51	454.6
11/11/24	MW-3A	7.32	21.45	0.72	-305.1	0.03	132.2

Analytical benzene data for the previous eight (8) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "Stable" in monitor well MW-3A. Analytical toluene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-3A. Analytical ethylbenzene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-3A. Analytical xylene data for the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-3A.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Monitor well MW-4 is sampled on an annual schedule, however MW-4 was selected as a MNA parameter well and subsequently was sampled for all four (4) quarterly sampling events. Analytical results indicated Benzene, Ethylbenzene, and Xylene constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline for the reporting period. Toluene concentrations ranged from less than the laboratory reporting limit for the 1st, 3rd, and 4th quarter to 0.00146 mg/L for the 2nd quarter. Toluene concentrations were below the NMOCD regulatory guidelines for all four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 1998. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-4 was selected as MNA parameter well and is in the "upgradient of plume" location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-4.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
2/14/24	MW-4	6.88	20.79	0.90	228.6	1.80	510.8
5/07/24	MW-4	7.11	22.86	0.87	205.9	1.42	1,217
8/28/24	MW-4	7.27	21.93	0.82	141.3	2.13	281.0
11/11/24	MW-4	7.20	21.14	0.77	54.9	1.91	35.18

Analytical benzene data for up to the previous eight (8) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "Stable" in monitor well MW-4. Analytical toluene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-4. Analytical ethylbenzene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-4. Analytical xylene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-4.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Monitor well MW-5 is sampled on an annual schedule and analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 1998. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-6 is sampled on a semi-annual schedule however MW-6 was selected as a MNA parameter well and subsequently was sampled four all four (4) quarterly sampling events. Analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines for the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 1998. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-6 was selected as MNA parameter well and is in the "downgradient within plume" location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-6.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
2/14/24	MW-6	6.94	21.37	0.88	-32.5	0.65	1,228
5/07/24	MW-6	7.42	21.87	0.86	-79.3	0.54	114.8
8/28/24	MW-6	7.19	26.63	0.85	-9.60	-10.0	1,422
11/11/24	MW-6	7.24	21.47	0.75	-106.4	0.23	78.05

Analytical benzene data for up to the previous eight (8) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "Stable" in monitor well MW-6. Analytical toluene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-6. Analytical ethylbenzene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-6. Analytical xylene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-6.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Monitor well MW-7 is sampled on a semi-annual schedule however MW-7 was selected as a MNA parameter well and subsequently was sampled for all four (4) quarterly sampling events. Analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines for the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 1998. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-7 was selected as MNA parameter well and is in the "downgradient of plume" location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-7.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
2/14/24	MW-7	6.96	21.04	1.14	64.2	2.26	609.2
5/07/24	MW-7	7.39	21.56	1.13	22.9	0.20	158.5
2/28/24	MW-7	7.29	26.16	1.15	175	0.09	458.9
11/11/24	MW-7	7.28	21.49	1.07	-64.6	0.89	134.5

Analytical benzene data for up to the previous eight (8) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "Stable" in monitor well MW-7. Analytical toluene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-7. Analytical ethylbenzene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-7. Analytical xylene data for up to the previous eight (8) quarters was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-7.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the applicable laboratory RL.

Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Laboratory analytical results were compared to NMOCD regulatory guidelines based on the New Mexico groundwater guidelines found in Section 20.6.2.3103 of the New Mexico Administrative Code.

MONITORED NATURAL ATTENUATION AND LABORATORY RESULTS SUMMARY

Historically, the New Mexico Administrative Code (NMAC) 20.5.13 has defined Monitored Natural Attenuation as "a methodology for remediation that relies upon a variety of naturally occurring chemical, physical, and biological processes to achieve target concentrations in a manner that is equally as protective of public health, safety, and welfare, and the environment as other methods and is accompanied by a program of monitoring to document the process and results of the above mentioned processes."

Following a release, bacteria and archaea begin to degrade petroleum plumes by oxidizing hydrocarbons. In order for this biodegradation to occur, reducers such as oxygen, nitrate, manganese^{2+}, iron^{3+}, sulfate, and carbon dioxide must be present. These reactions, termed oxidation-reduction, or "REDOX" reactions, provide bacteria and archaea varying amounts of energy.

The microbial population will utilize the most energetically favorable reaction available and subsequently move to less favorable reactions as electron acceptors are consumed. This process is generally termed the "REDOX Ladder", which is depicted in the figure below.

Common Hydrocarbon REDOX Reactions in Groundwater

Reaction	Process	Energy
Aerobic Oxidation	$CH_2O + O_2 \rightarrow CO_2 + H_2O$	-120 Kcal/mol
Denitrification	$5CH_2O + 3NO_3 + 4H^+ \rightarrow CO_2 + 7H_2O + 2N_2$	-114 Kcal/mol
Manganese Reduction	$CH_2O + 2MnO_2 + 4H^+ \rightarrow CO_2 + 3H_2O + 2Mn^{2+}$	-81 Kcal/mol
Iron Reduction	$CH_2O + 4Fe(OH)_3 + 8H^+ \rightarrow CO_2 + 11H_2O + 4Fe^{2+}$	-28 Kcal/mol
Sulfate Reduction	$2CH_2O + SO_4^{2-} + H^+ \rightarrow 2CO_2 + 2H_2O + HS^-$	-25 Kcal/mol
Methanogenesis	$2CH_2O \rightarrow CH_3COOH \rightarrow CH_4 + CO_2$	-22 Kcal/mol

The most energetically favorable electron acceptors (i.e., dissolved oxygen and nitrate) tend to get consumed first and plumes tend to be limited in them toward the plume center while having excess of the other electron acceptors toward the periphery. For this reason, the groundwater geochemistry of hydrocarbon plumes tends to be characterized by concentric three-dimensional regions each dominated by one of the reactions listed above. The largest source of electron donors at petroleum release sites is typically petroleum hydrocarbons (e.g., light non-aqueous phase liquids [LNAPLs]); therefore, the center of the concentric region near the origin of a release area tends to be at the location where LNAPL is most likely to be present. Please note, LNAPL and PSH are used interchangeably in this report.

The lateral and vertical location as well as the morphology of each region can be determined using the concentration of the electron acceptors, electron donors, and the field-measured parameters such as oxidation-reduction potential (ORP) and dissolved oxygen (DO).

Dissolved-phase hydrocarbon plumes begin to spread out from a release area within the subsurface along the direction of groundwater flow (controlled by advection), perpendicular to groundwater flow (controlled by diffusion), and vertically (controlled by infiltration and advection) following the release. LNAPL, when present, tends to be smeared within the soil vertically below the release area and above an area where LNAPL has spread in response to the driving head imposed by the LNAPL source. Once the source of the release is stopped i.e., the driving head is removed), LNAPL in the subsurface becomes trapped by capillary forces within the subsurface and further LNAPL spreading ceases. For these reasons, the plume shape, COC concentrations, and biogeochemistry change with time.

Six (6) monitor wells were sampled to determine the morphology of each biodegradation region and to assess the attenuation of benzene, toluene, ethylbenzene and xylenes in the plume. These wells generally included one (1) well upgradient of the plume (MW-4), one (1) well upgradient within the plume (MW-1), one (1) well near the center of the plume (MW-3A), one (1) well downgradient within the plume (MW-6), one (1) well downgradient of the plume (MW-7), and one (1) well cross-gradient of the plume center (MW-2).

The six (6) monitor wells (MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

In past reports, trends were assessed using several years of data which may not reflect current conditions within the plume. For this reason, trends in this report are based upon data collected during the last two years of monitoring using the GSI Mann-Kendall Toolkit (GSI-MKT, 2012) as these trends reflect current plume geochemistry and may be a better indicator of future plume behavior.

Note that, due to the limitations of the GSI MK T, constituents exhibiting concentrations less than the laboratory RL are depicted on the GSI MKT for Constituent Trend Analysis spreadsheet at the applicable laboratory RL. Care must be exercised when interpreting trend analysis when non-detect results are included in the trend analysis, particularly where there are multiple non-detect results and RLs vary over time. In such cases, it is possible that the Mann-Kendall Trend Analysis may indicate an increasing or decreasing trend for a constituent when, in reality, the concentration of the constituent at the particular well is stable or no trend exists. In these instances, the GSI-MKT user's guide suggests that the constituent concentration trend in the well be designated as "stable" or no trend and not rely on the trend predicted by the Mann-Kendall analysis.

Quarterly results and trend analyses for each of the constituents analyzed for 2024 are summarized below.

For the 1st quarter of 2024, the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6, MW-7, and MW-2 to 0.00186 mg/L for monitor well MW-3A.

For the 2nd quarter, the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6, MW-7, and MW-2 to 0.0132 mg/L for monitor well MW-3A.

For the 3rd quarter, the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6, MW-7, and MW-2 to 0.0016 mg/L for monitor well MW-3A.

For the 4th quarter, the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6, MW-7, and MW-2 to 0.00171 mg/L for monitor well MW-3A.

Please reference Table 7 for GSI-MKT benzene results. Analytical benzene data for up to the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows “Stable”, “Stable”, “Stable”, “Stable”, “Stable”, and “Stable”.

For the 1st quarter of 2024, the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-6, and MW-7 to 0.00302 mg/L for monitor well MW-3A.

For the 2nd quarter, the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-6 and MW-7 to 0.0644 mg/L for monitor well MW-3A.

For the 3rd quarter, the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6, MW-7 and MW-2 to 0.00502 mg/L for monitor well MW-3A.

For the 4th quarter, the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6, and MW-7, to 0.00238 mg/L for monitor well MW-3A.

Please reference Table 8 for GSI-MKT toluene results. Analytical toluene data for up to the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows “No Trend”, “Probably Decreasing”, “No Trend”, “Stable”, “Stable”, and “Stable”.

For the 1st quarter of 2024, the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6, MW-7, and MW-2 to 0.00127 mg/L for monitor well MW-3A.

For the 2nd quarter, the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-6, MW-7, and MW-2 to 0.134 mg/L for monitor well MW-3A.

For the 3rd quarter, the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-6, and MW-7 to 0.0122 mg/L for monitor well MW-3A.

For the 4th quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6, and MW-7 to 0.00192 mg/L for monitor well MW-3A.

Please reference Table 9 for GSI-MKT ethylbenzene results. Analytical ethylbenzene data for up to the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2, and MW-12 were as follows “Stable”, “No Trend”, “No Trend”, “Stable”, “Stable”, and “Stable”.

For the 1st quarter of 2024, the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-6, and MW-7 to 0.0137 mg/L for monitor well MW-3A.

For the 2nd quarter, the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-6, MW-7, and MW-2 to 0.1162 mg/L for monitor well MW-3A.

For the 3rd quarter, the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-6, and MW-7 to 0.04865 mg/L for monitor well MW-3A.

For the 4th quarter, the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6, and MW-7 to 0.00969 mg/L for monitor well MW-3A.

Please reference Table 10 for GSI-MKT xylene results. Analytical xylene data for up to the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows “Decreasing”, “No Trend”, “Stable”, “Decreasing”, “Decreasing”, and “No Trend”. It should be noted that concentrations for the last 8 quarters for MW-4, MW-6 and MW-7 were not detected at the laboratory RL. Therefore, the decreasing concentration trend at these wells reflects the trend of the detection limits rather than the

actual concentration of xylenes in these three wells. As suggested in the GSI-MKT user's guide, the xylene concentration trend in these three wells should be considered as quasi-stable rather than the decreasing trend predicted by the GSI-MKT.

For the 1st quarter for 2024, the analytical results for concentrations of TOC ranged from less than the applicable laboratory RL for monitor well MW-2 to 20 mg/L for monitor well MW-6.

For the 2nd quarter, the analytical results for concentrations of TOC ranged from 2.82 mg/L for monitor well MW-2 to 85 mg/L for monitor well MW-3A.

For the 3rd quarter, the analytical results for concentrations of TOC ranged from 1.79 mg/L for monitor well MW-1 to 8.69 mg/L for monitor well MW-7

For the 4th quarter, the analytical results for concentrations of TOC ranged from 3.58 mg/L for monitor well MW-4 to 26.6 mg/L for monitor well MW-3A.

Please reference Table 11 for GSI-MKT TOC results. Analytical TOC data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows "Stable", "Stable", "No Trend", "No Trend", "Increasing", and "Probably Increasing".

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Methane ranged from 0.00518 mg/L for monitor well MW-7 to 1.8 mg/L for monitor well MW-3A.

For the 2nd quarter, the analytical results for concentrations of Dissolved Methane ranged from 0.0017 mg/L for monitor well MW-4 to 1.37 mg/L for monitor well MW-3A.

For the 3rd quarter, the analytical results for concentrations of Dissolved Methane were less than the laboratory RL for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2.

For the 4th quarter the analytical results for concentrations of Dissolved Methane ranged 0.00089 mg/L for monitor well MW-4 to 1.43 mg/L for monitor well MW-3A.

Please reference Table 12 for GSI-MKT Dissolved Methane results. Analytical Methane data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows "No Trend", "No Trend", "No Trend", "No Trend", "No Trend", and "No Trend".

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Ethane ranged from 0.00127 mg/L for monitor well MW-6 to 0.0113 mg/L for monitor well MW-3A.

For the 2nd quarter, the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-3A, MW-6, MW-7, and MW-2 to 0.00198 mg/L for monitor well MW-1.

For the 3rd quarter, the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2.

For the 4th quarter, the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6, MW-7, and MW-2 to 0.00868 mg/L for MW-3A.

Please reference Table 13 for GSI-MKT Dissolved Ethane results. Analytical Dissolved Ethane data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows “No Trend”, “No Trend”, “No Trend”, “Probably Increasing”, “No Trend”, and “No Trend”. It should be noted that there was only one detection of ethane in MW-6 during the past eight quarters. Therefore, the “Probably Increasing” concentration trend at this well reflects the trend of the detection limits rather than the actual concentration of ethane. As suggested in the GSI-MKT user’s guide, the ethane concentration trend in MW-6 should be considered as exhibiting “No Trend” rather than “Probably Increasing” as predicted by the GSI-MKT.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor wells MW-6 and MW-7 to 0.0578 mg/L at MW-3A.

For the 2nd quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor well MW-4, MW-3A, MW-6, MW-7, and MW-2 to 0.00223 mg/L for monitor well MW-1.

For the 3rd quarter the analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor well MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2.

For the 4th quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6 MW-7, and MW-2 to 0.001 mg/L for MW-3A.

Please reference Table 14 for GSI-MKT Dissolved Ethene results. Analytical Dissolved Ethene data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows “No Trend”, “No Trend”, “No Trend”, “No Trend”, “No Trend”, and “No Trend”.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the appliable laboratory RL for monitor wells MW-4, MW-1, MW-7, and MW-2 to 1.81 mg/L for monitor well MW-3A.

For the 2nd quarter, the analytical results for concentrations of Dissolved Iron (filtered) were less than the appliable laboratory RL for monitor wells MW-4, MW-6, MW-7, and MW-2 to 2.37 mg/L for monitor well MW-3A.

For the 3rd quarter, the analytical results for concentrations of Dissolved Iron (filtered) were less than the appliable laboratory RL for monitor wells MW-4, MW-6, MW-7, and MW-2 to 1.73 mg/L for monitor well MW-3A.

For the 4th quarter, the analytical results for concentrations of Dissolved Iron (filtered) were less than the appliable laboratory RL for monitor wells MW-4, MW-6, MW-7, and MW-2 to 1.46 mg/L for monitor well MW-3A.

Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results. Analytical Dissolved Iron data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows “Stable”, “No Trend”, “Stable”, “Stable”, “Stable”, and “Stable”.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.18 mg/L for monitor well MW-2 to 1.53 mg/L for monitor well MW-6.

For the 2nd quarter, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.113 for monitor well MW-7 to 1.37 mg/L for monitor well MW-1.

For the 3rd quarter, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.137 mg/L for monitor well MW-7 to 1.34 mg/L for monitor well MW-1.

For the 4th quarter, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.139 mg/L for monitor well MW-2 to 1.28 mg/L for monitor well MW-1.

Please reference Table 16 for GSI-MKT Dissolved Manganese (filtered) results. Analytical Dissolved Manganese data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows “No Trend”, “Stable”, “Decreasing”, “No Trend”, “No Trend”, and “Stable”.

For the 1st quarter of 2024, the analytical results for concentrations of Nitrate ranged from less than the appliable laboratory RL for monitor well MW-1 MW-6, and MW-7 to 1.99 mg/L for monitor well MW-4.

For the 2nd quarter, the analytical results for concentrations of Nitrate ranged from less than the appliable laboratory RL for monitor well MW-1, MW-3A, MW-6, MW-7 and MW-2 to 0.453 mg/L for monitor well MW-4.

For the 3rd quarter, the analytical results for concentrations of Nitrate ranged from less than the appliable laboratory RL for monitoring wells MW-1 and MW-3Ato 2.27 mg/L for monitor well MW-4.

For the 4th quarter, the analytical results for concentrations of Nitrate ranged from less than the appliable laboratory RL for monitoring well MW-1 to 2.08 mg/L for monitor well MW-4.

Please reference Table 17 for GSI-MKT Nitrate results. Analytical Nitrate data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows “Stable”, “Stable”, “Stable”, “No Trend”, “Stable”, and “Stable”.

For the 1st quarter of 2024, the analytical results for concentrations of Sulfate ranged from less than the appliable laboratory RL for monitoring well MW-3A to 66 mg/L for monitor well MW-4.

For the 2nd quarter, the analytical results for concentrations of Sulfate ranged from 2.34 mg/L for monitor well MW-3A to 75.8 mg/L for monitor well MW-4.

For the 3rd quarter the analytical results for concentrations of Sulfate ranged from 2.91 mg/L monitor well MW-3A to 76 mg/L for monitor well MW-4.

For the 4th quarter the analytical results for concentrations of Sulfate ranged from 1 mg/L monitor well MW-3A to 72.3 mg/L for monitor well MW-4.

Please reference Table 18 for GSI-MKT Sulfate results. Analytical Sulfate data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows “Decreasing”, “No Trend”, “No Trend”, “No Trend”, “Stable”, and “Stable”.

For the 1st quarter of 2024, the analytical results for concentrations of COD ranged from less than the applicable laboratory RL for monitor wells MW-4 to 52 mg/L for monitor well MW-1.

For the 2nd quarter, the analytical results for concentrations of COD ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-6, and MW-2 to 340 mg/L for monitor well MW-3A.

For the 3rd quarter the analytical results for concentrations of COD ranged from less than the applicable laboratory RL for monitor well MW-2 to 46 mg/L for monitor well MW-1.

For the 4th quarter the analytical results for concentrations of COD ranged from less than the applicable laboratory RL for monitor well MW-4 to 7760 mg/L for monitor well MW-2.

Please reference Table 19 for GSI-MKT COD results. Analytical COD data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-4, MW-1, MW-3A, MW-6,

MW-7, and MW-2. The GSI-MKT indicated the Concentration Trends for MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 were as follows “Stable”, “No Trend”, “No Trend”, “No Trend”, “Stable”, and “No Trend”.

SUMMARY

This report presents the results of quarterly groundwater monitoring events and remedial activities for the 2024 reporting period. Currently, there are seven (7) groundwater monitor wells located on the site.

The most recent inferred groundwater gradient map, Figure 2D, indicated a general gradient of 0.007 feet/foot to the southeast. The corrected groundwater elevations ranged between 3,604.85 and 3,609.45 feet above mean sea level, in monitor well MW-6 on August 27, 2024, and monitor well MW-1 on May 7, 2024, respectively.

Measurable thicknesses of PSH were present in monitor wells MW-2 and MW-3A ranging from 0.04 feet to 0.50 feet for the 3rd and 4th quarters, respectively.

Approximately 21.9 gallons (approximately 0.52 barrels) of PSH were recovered for the 2024 reporting period.

Approximately 1,550 gallons (36.9 barrels) of dissolved phase hydrocarbon impacted groundwater were recovered for the 2024 reporting period.

BTEX constituent concentrations remain below the applicable NMOCD regulatory guidelines in all sampled monitor wells except for MW-3A, which had a benzene concentration of 0.0132 mg/L for the 2nd quarter of the reporting period.

Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270 was not conducted during the 4th quarter on sample from monitor wells MW-3A due to the presence of PSH.

ANTICIPATED ACTIONS

Monthly PSH abatement in conjunction with aggressive dissolved phase hydrocarbon impacted groundwater abatement will continue in 2025.

Initiate quarterly vacuum enhanced fluid recovery events to reduce the PSH thickness and benzene concentration in MW-3A.

Quarterly monitor well gauging and groundwater sampling will continue in 2025.

Low-flow sampling of MNA parameters will continue on monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 for each quarterly sampling event of the 2025 reporting period. Unforeseen circumstances may require modification of the sampling events.

PAH analysis will be conducted on monitor well MW-3A, provided PSH is not measured in the monitor well.

An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2025.

LIMITATIONS

TRC has prepared this Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Plains. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of TRC and/or Plains.

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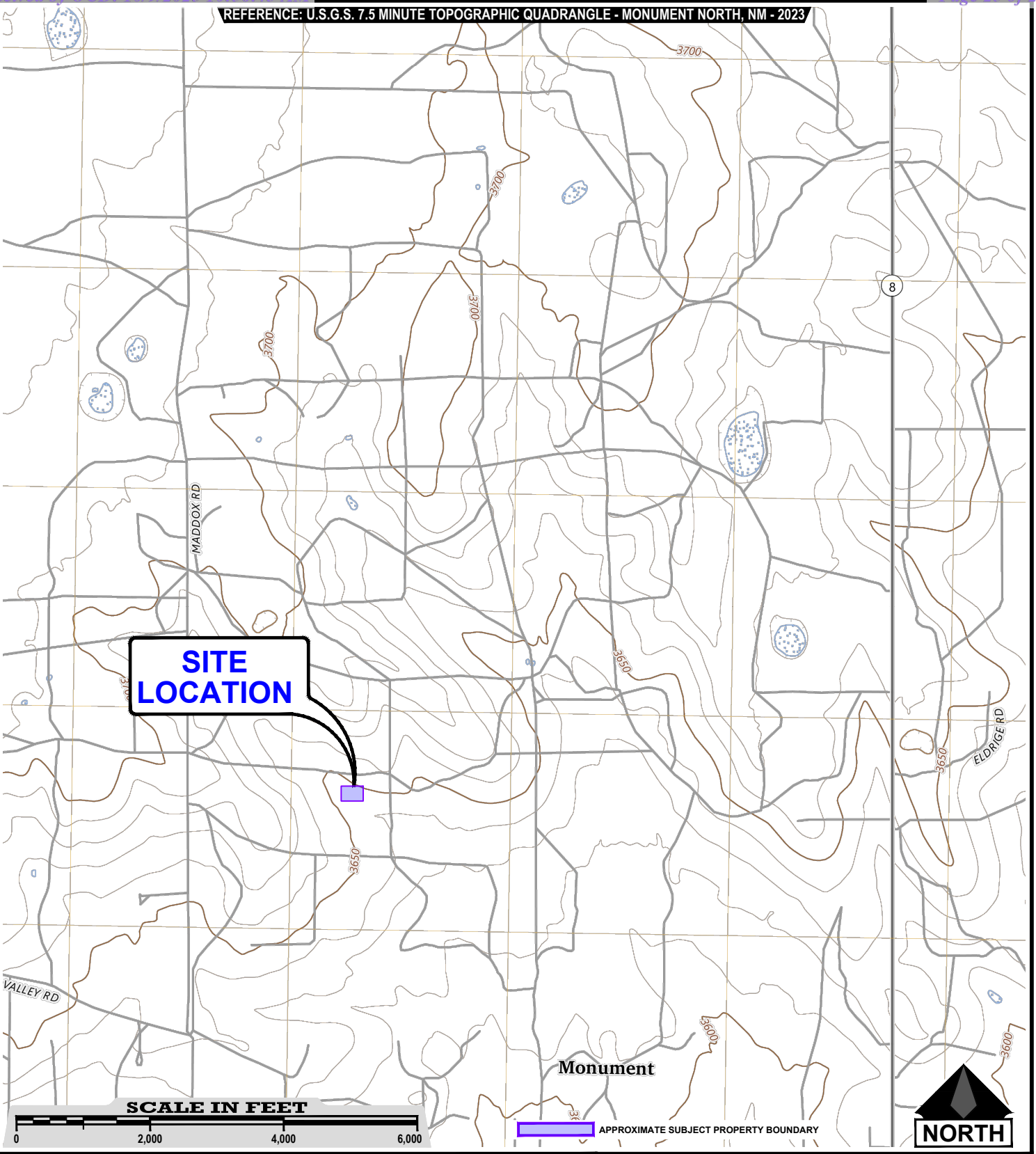
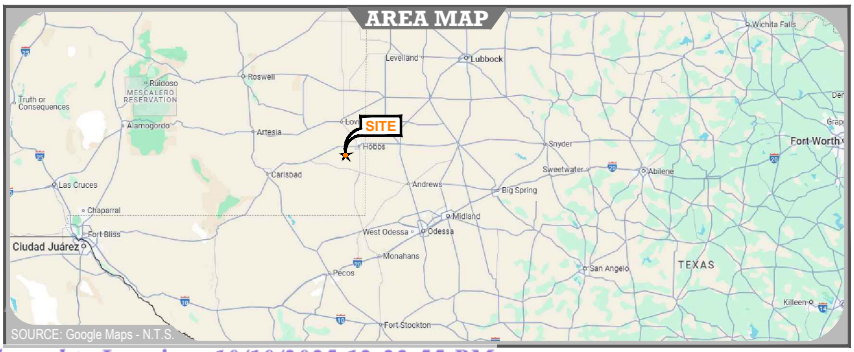
jrepman@trccompanies.com

FIGURES

REFERENCE: U.S.G.S. 7.5 MINUTE TOPOGRAPHIC QUADRANGLE - MONUMENT NORTH, NM - 2023





CLIENT / PROJECT

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NM

TITLE

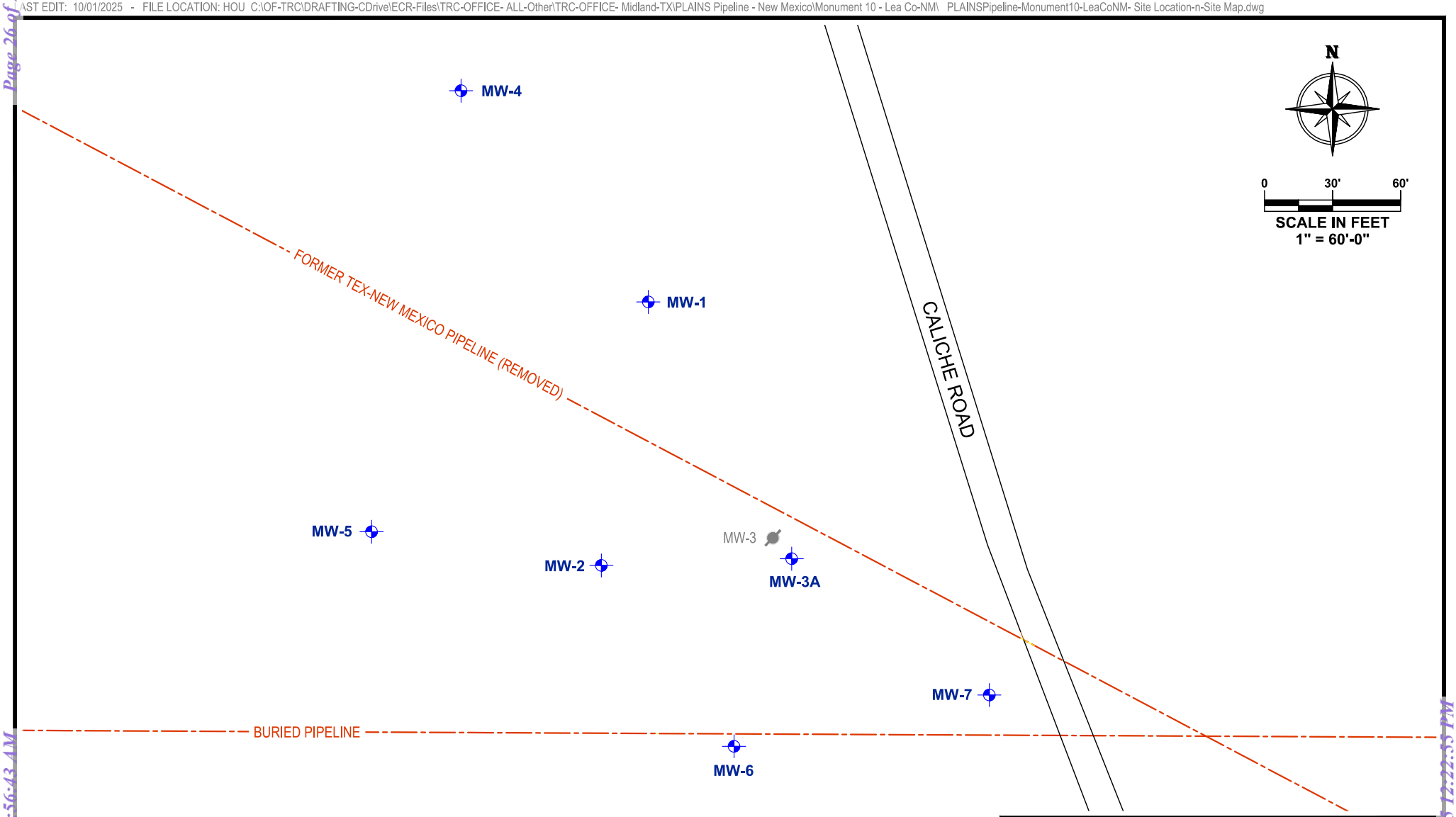
SITE LOCATION MAP

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014170
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com

FIGURE 1

LAST EDIT: 10/01/2025 - FILE LOCATION: HOU C:\OF-TRC\DRAFTING-CDrive\ECR-Files\TRC-OFFICE- ALL-Other\TRC-OFFICE- Midland-TX\PLAINS Pipeline - New Mexico\Monument 10 - Lea Co-NM\ PLAINSPipeline-Monument10-LeaCoNM- Site Location-n-Site Map.dwg



LEGEND

- PIPELINE
- MONITOR WELL LOCATION
- P & A WELL LOCATION

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
Monument 10
Lea County, New Mexico

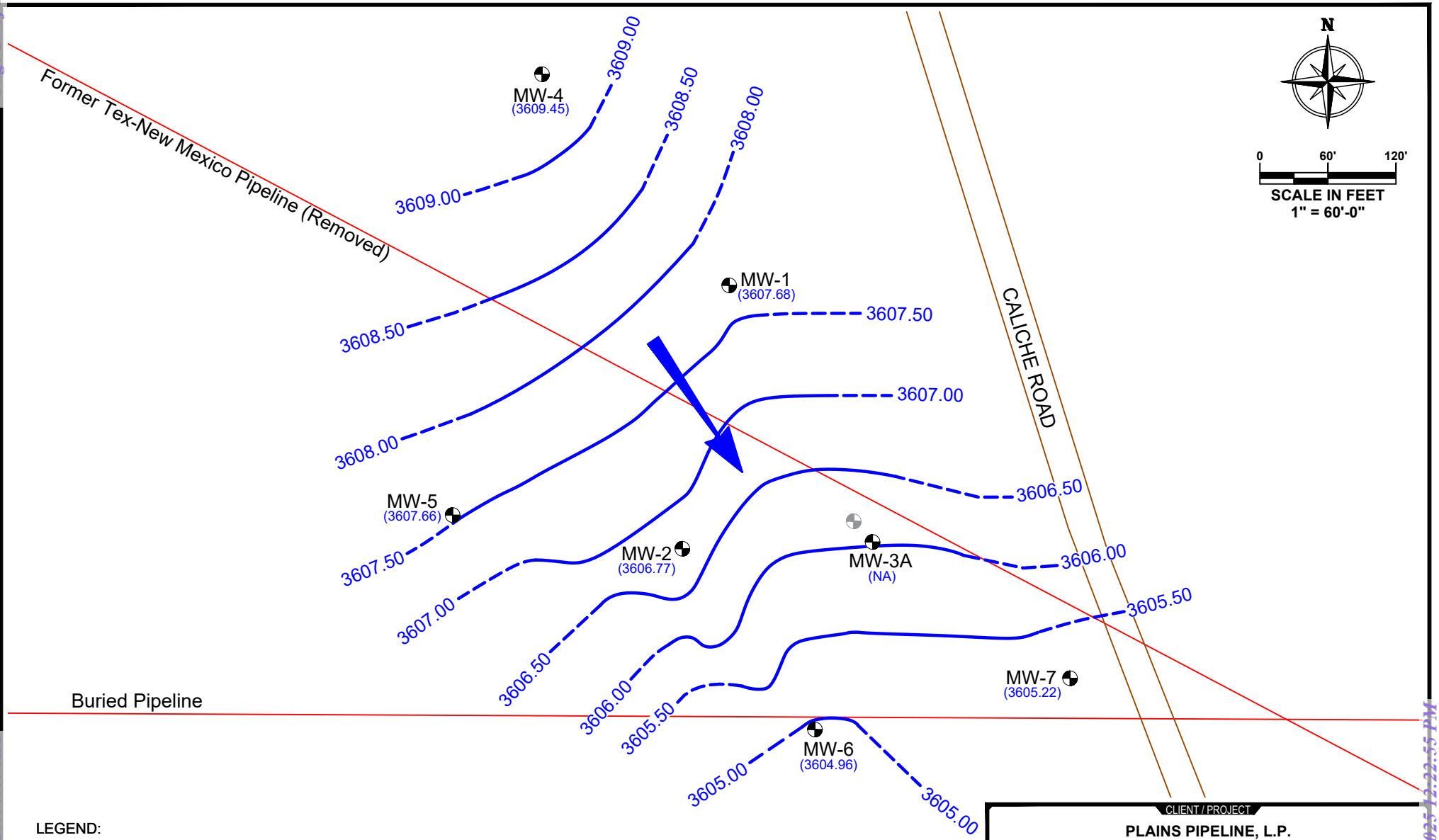
TITLE

SITE MAP

DRAWN BY: O. Fonseka	REQUEST BY: J. Repman	PROJECT NO. 014170
DWG. DATE: October 2025	PROJECT-MGR: J. Fergerson	

TRC
10 DESTA DRIVE, STE. 410E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com

FIGURE 2



LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 0.10 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO

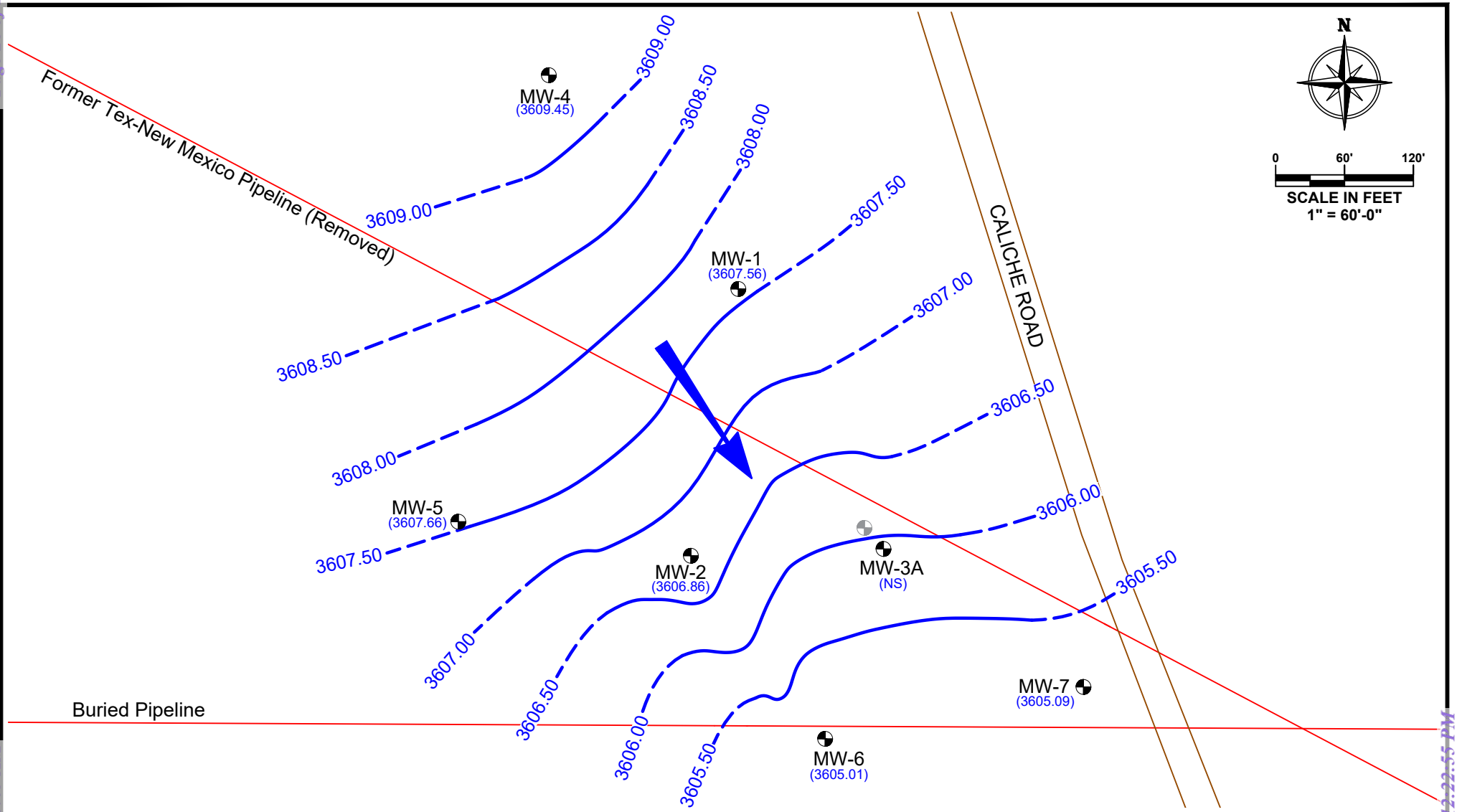
TITLE

INFERRED GROUNDWATER GRADIENT MAP (FEBRUARY 13, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014170
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com

FIGURE **2A**



LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 0.10 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

CLIENT / PROJECT

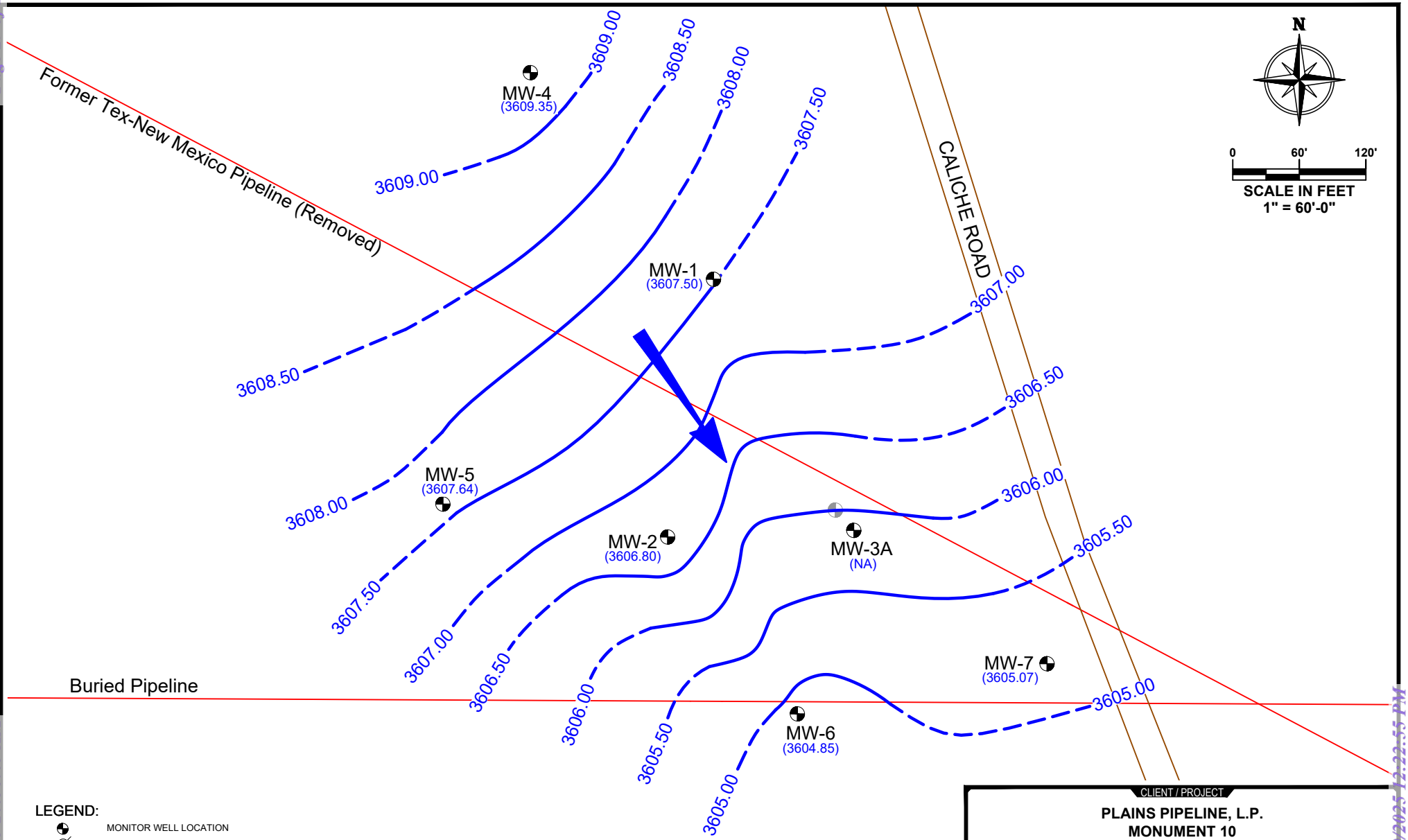
PLAINS PIPELINE, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO

TITLE

INFERRED GROUNDWATER GRADIENT MAP (MAY 7, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014170
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	FIGURE 2B

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com



LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 0.10 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO

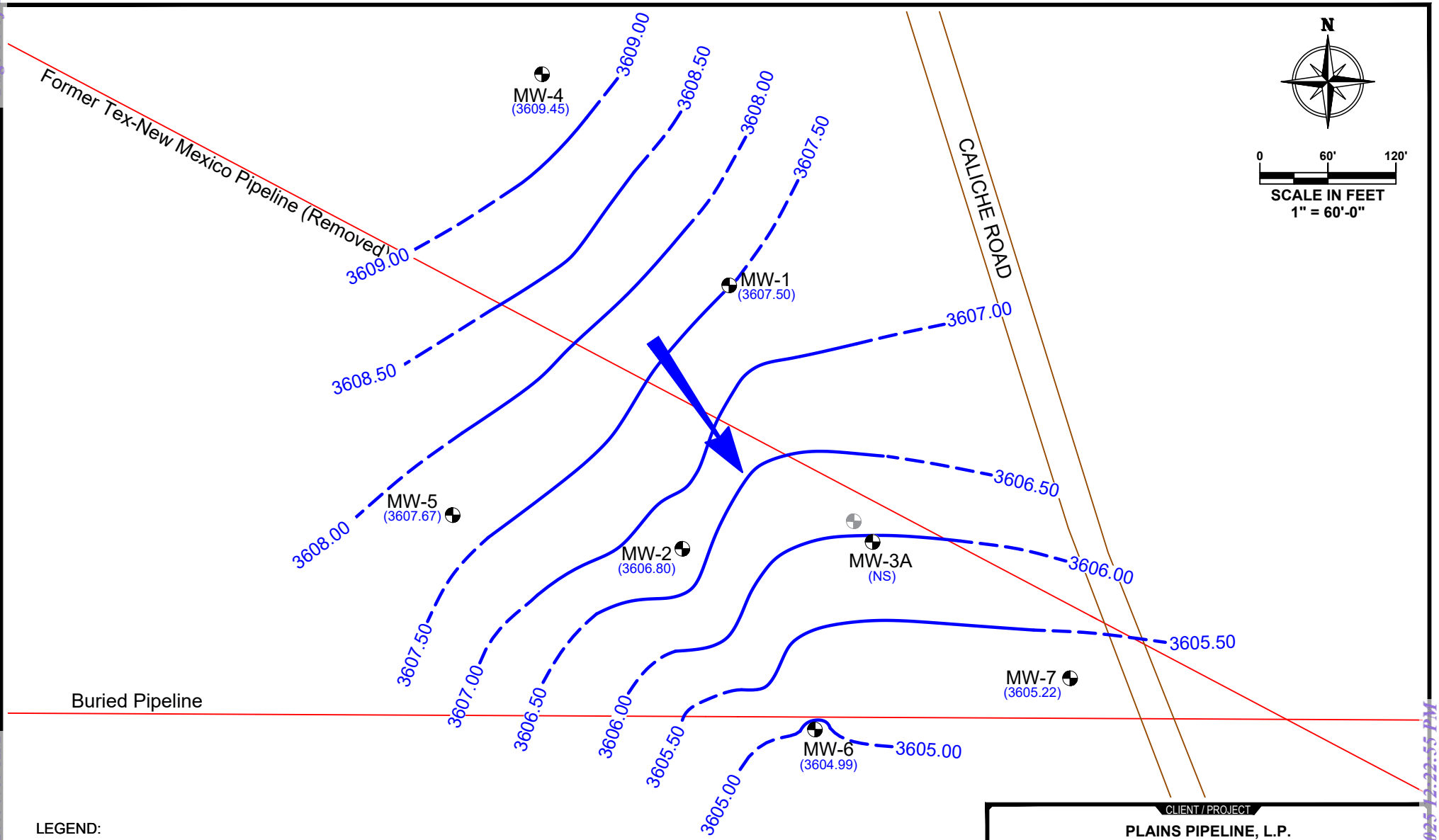
TITLE

INFERRED GROUNDWATER GRADIENT MAP (AUGUST 27, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014170
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com

FIGURE **2C**



LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 0.10 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

CLIENT / PROJECT

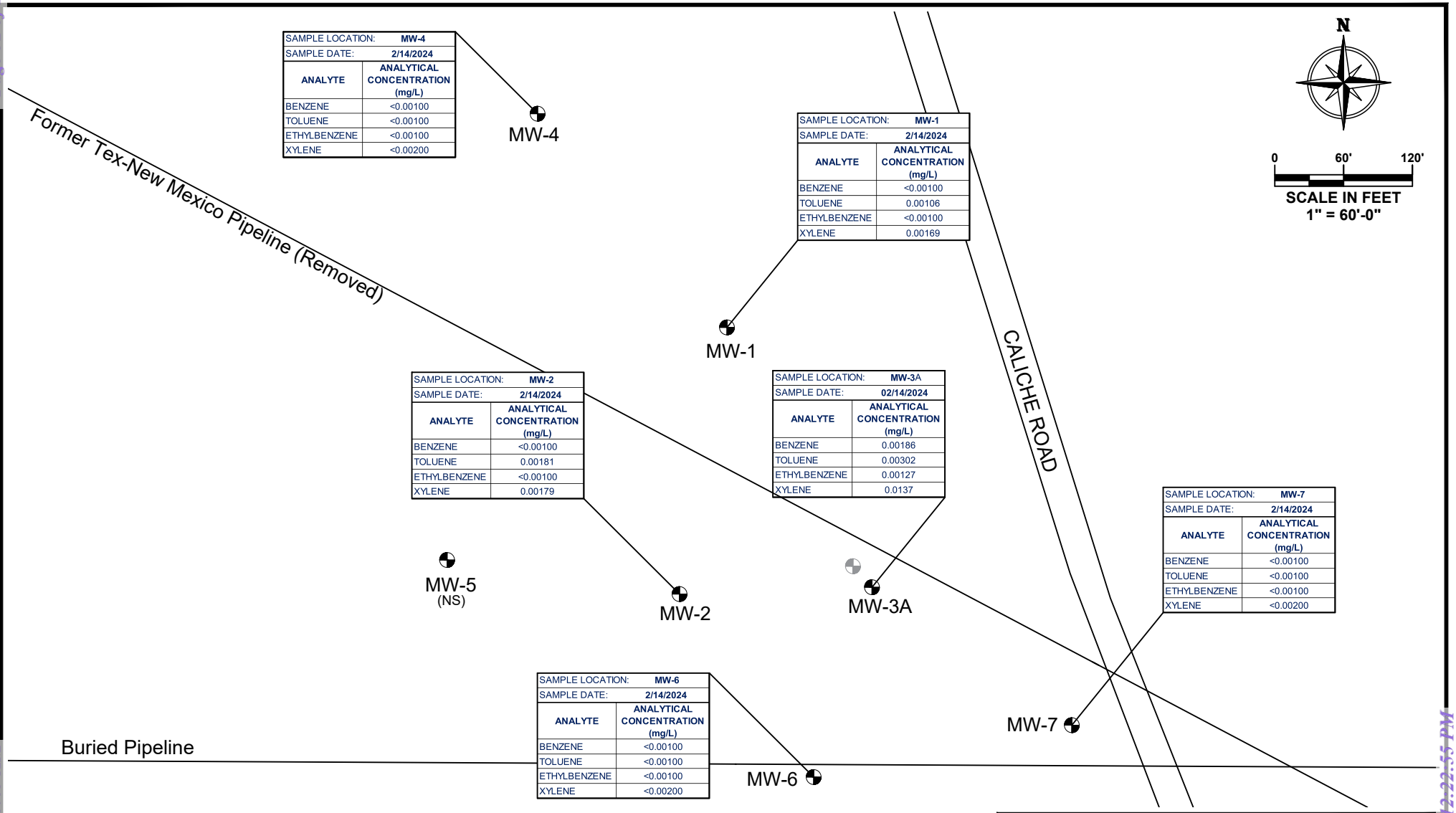
PLAINS PIPELINE, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO

TITLE

INFERRED GROUNDWATER GRADIENT MAP (NOVEMBER 11, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014170
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	FIGURE 2D

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com



SAMPLE LOCATION:	MW-4
SAMPLE DATE:	2/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-1
SAMPLE DATE:	2/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	0.00106
ETHYLBENZENE	<0.00100
XYLENE	0.00169

SAMPLE LOCATION:	MW-2
SAMPLE DATE:	2/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	0.00181
ETHYLBENZENE	<0.00100
XYLENE	0.00179

SAMPLE LOCATION:	MW-3A
SAMPLE DATE:	02/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00186
TOLUENE	0.00302
ETHYLBENZENE	0.00127
XYLENE	0.0137

SAMPLE LOCATION:	MW-7
SAMPLE DATE:	2/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-6
SAMPLE DATE:	2/14/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 0.10 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

CLIENT / PROJECT

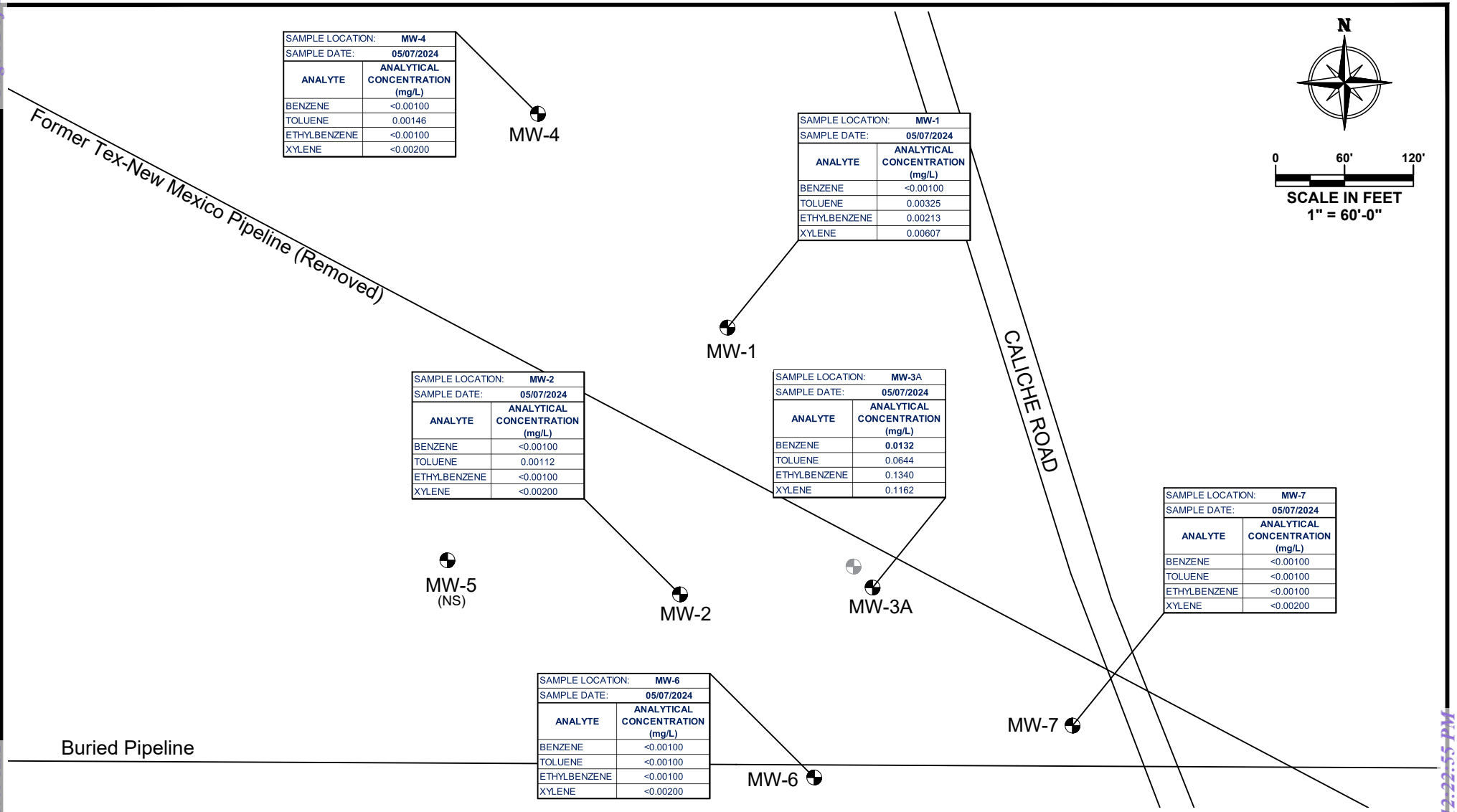
PLAINS PIPELINE, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO

TITLE

GROUNDWATER CONCENTRATION AND INFERRED PSH EXTENT MAP (FEBRUARY 14, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014170
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	FIGURE 3A

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com



SAMPLE LOCATION:	MW-4
SAMPLE DATE:	05/07/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	0.00146
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-1
SAMPLE DATE:	05/07/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	0.00325
ETHYLBENZENE	0.00213
XYLENE	0.00607

SAMPLE LOCATION:	MW-2
SAMPLE DATE:	05/07/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	0.00112
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-3A
SAMPLE DATE:	05/07/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.0132**
TOLUENE	0.0644
ETHYLBENZENE	0.1340
XYLENE	0.1162

SAMPLE LOCATION:	MW-7
SAMPLE DATE:	05/07/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-6
SAMPLE DATE:	05/07/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 0.10 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

CLIENT / PROJECT

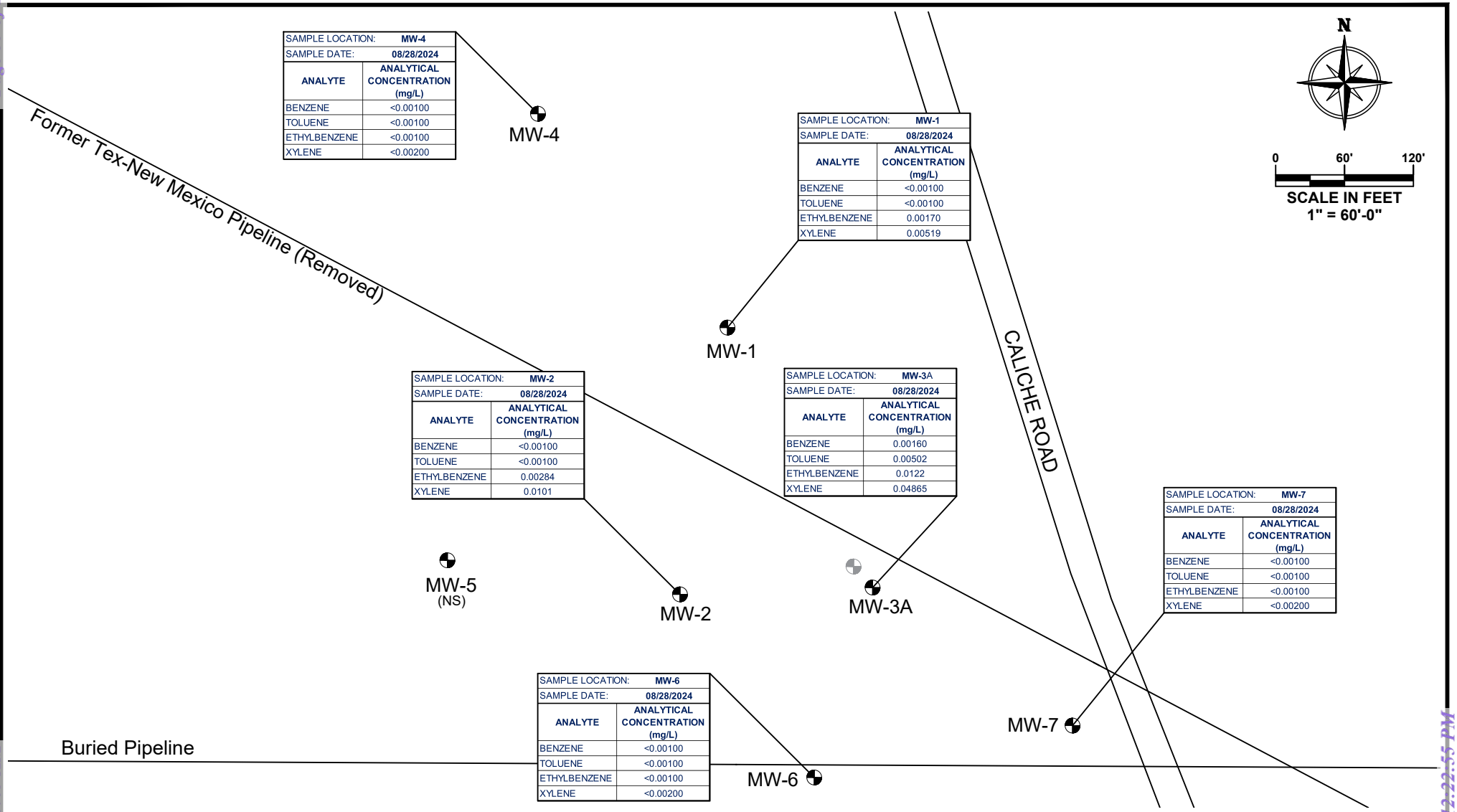
PLAINS PIPELINE, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO

TITLE

GROUNDWATER CONCENTRATION AND INFERRED PSH EXTENT MAP (MAY 7, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014170
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	FIGURE 3B

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com



SAMPLE LOCATION:	MW-4
SAMPLE DATE:	08/28/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-1
SAMPLE DATE:	08/28/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	0.00170
XYLENE	0.00519

SAMPLE LOCATION:	MW-2
SAMPLE DATE:	08/28/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	0.00284
XYLENE	0.0101

SAMPLE LOCATION:	MW-3A
SAMPLE DATE:	08/28/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00160
TOLUENE	0.00502
ETHYLBENZENE	0.0122
XYLENE	0.04865

SAMPLE LOCATION:	MW-7
SAMPLE DATE:	08/28/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-6
SAMPLE DATE:	08/28/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 0.10 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

CLIENT / PROJECT

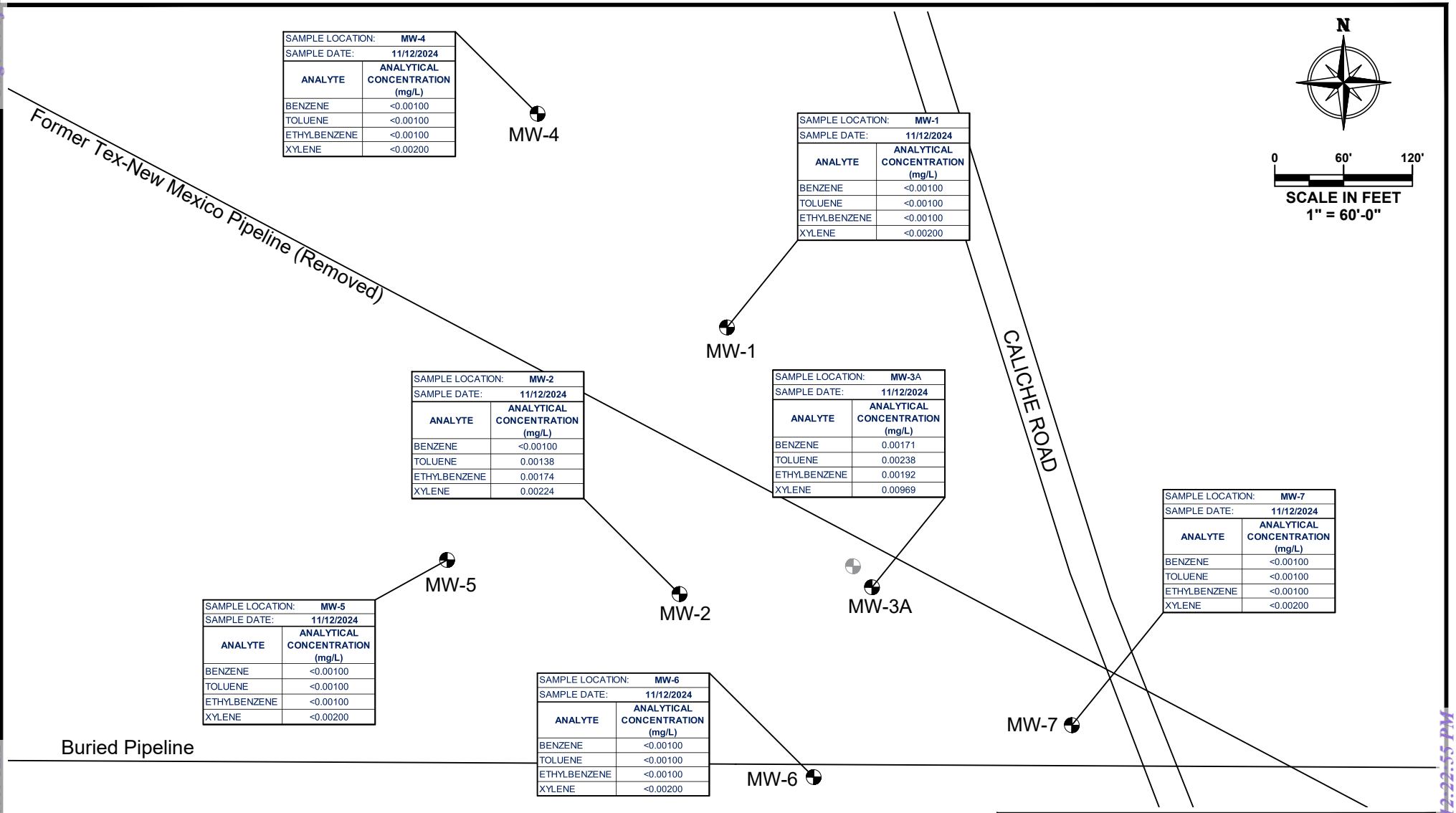
PLAINS PIPELINE, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO

TITLE

GROUNDWATER CONCENTRATION AND INFERRED PSH EXTENT MAP (AUGUST 28, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014170
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	FIGURE 3C

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com



SAMPLE LOCATION:	MW-4
SAMPLE DATE:	11/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-1
SAMPLE DATE:	11/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-2
SAMPLE DATE:	11/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	0.00138
ETHYLBENZENE	0.00174
XYLENE	0.00224

SAMPLE LOCATION:	MW-3A
SAMPLE DATE:	11/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00171
TOLUENE	0.00238
ETHYLBENZENE	0.00192
XYLENE	0.00969

SAMPLE LOCATION:	MW-7
SAMPLE DATE:	11/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-5
SAMPLE DATE:	11/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

SAMPLE LOCATION:	MW-6
SAMPLE DATE:	11/12/2024
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
XYLENE	<0.00200

LEGEND:

- MONITOR WELL LOCATION
- PLUGGED AND ABANDONED
- FENCE
- PIPELINE
- FORMER EXCAVATION LIMITS
- 0000.00 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 0.10 FOOT
- (3920.85) GROUNDWATER ELEVATION (FT MSL)
- (NS) NOT SAMPLED
- GROUNDWATER FLOW DIRECTION

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO

TITLE

GROUNDWATER CONCENTRATION AND INFERRED PSH EXTENT MAP (NOVEMBER 12, 2024)

DRAWN BY: E. Alexander	REQUEST BY: J. Fergerson	PROJECT NO. 014170
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	FIGURE 3D

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com

TABLES

TABLE 1

2024 GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	02/13/24	3,629.33	-	21.65	0.00	3,607.68
MW - 1	05/07/24	3,629.33	-	21.77	0.00	3,607.56
MW - 1	08/27/24	3,629.33	-	21.83	0.00	3,607.50
MW - 1	11/11/24	3,629.33	-	21.83	0.00	3,607.50
MW - 2	01/05/24	3,629.43	-	22.73	0.00	3,606.70
MW - 2	01/18/24	3,629.43	-	22.77	0.00	3,606.66
MW - 2	02/07/24	3,629.43	-	22.70	0.00	3,606.73
MW - 2	02/13/24	3,629.43	-	22.66	0.00	3,606.77
MW - 2	03/08/24	3,629.43	-	22.58	0.00	3,606.85
MW - 2	03/20/24	3,629.43	-	22.67	0.00	3,606.76
MW - 2	04/03/24	3,629.43	-	22.76	0.00	3,606.67
MW - 2	04/19/24	3,629.43	-	22.67	0.00	3,606.76
MW - 2	05/07/24	3,629.43	-	22.57	0.00	3,606.86
MW - 2	06/07/24	3,629.43	22.61	22.63	0.02	3,606.82
MW - 2	07/09/24	3,629.43	22.62	22.72	0.10	3,606.80
MW - 2	07/24/24	3,629.43	22.62	22.66	0.04	3,606.80
MW - 2	08/16/24	3,629.43	22.68	22.78	0.10	3,606.74
MW - 2	08/23/24	3,629.43	22.65	22.71	0.06	3,606.77
MW - 2	08/27/24	3,629.43	22.62	22.66	0.04	3,606.80
MW - 2	09/20/24	3,629.43	22.72	22.85	0.04	3,606.61
MW - 2	10/18/24	3,629.43	-	22.77	0.00	3,606.66
MW - 2	10/25/24	3,629.43	22.66	22.69	0.04	3,606.77
MW - 2	11/11/24	3,629.43	22.62	22.66	0.04	3,606.80
MW-3A	01/05/24	-	23.58	24.50	0.92	-
MW-3A	01/18/24	-	23.22	24.02	0.80	-
MW-3A	02/07/24	-	23.21	23.81	0.60	-
MW-3A	02/13/24	-	23.26	23.59	0.33	-
MW-3A	03/08/24	-	23.37	23.92	0.55	-
MW-3A	03/20/24	-	23.22	23.62	0.40	-
MW-3A	04/03/24	-	23.42	23.70	0.28	-
MW-3A	04/19/24	-	23.60	23.98	0.38	-
MW-3A	05/06/24	-	23.37	23.72	0.35	-
MW-3A	05/07/24	-	23.37	23.72	0.35	-
MW-3A	05/21/24	-	23.25	23.77	0.52	-
MW-3A	06/07/24	-	23.30	23.56	0.26	-
MW-3A	06/28/24	-	23.28	23.48	0.20	-
MW-3A	07/09/24	3,628.90	23.30	23.66	0.36	3,605.55
MW-3A	07/24/24	-	23.42	23.70	0.28	-
MW-3A	08/16/24	-	23.42	23.69	0.27	-
MW-3A	08/23/24	-	23.49	23.59	0.10	-
MW-3A	08/28/24	-	23.31	23.34	0.03	-
MW-3A	09/20/24	-	23.26	23.41	0.03	-
MW-3A	10/18/24	-	23.30	23.49	0.03	-
MW-3A	10/25/24	-	23.31	23.50	0.03	-
MW-3A	11/11/24	-	23.29	23.44	0.15	-
MW-3A	11/11/24	-	23.28	23.78	0.50	-
MW-3A	12/04/24	-	23.28	23.78	0.50	-
MW - 4	02/13/24	3,629.97	-	20.52	0.00	3,609.45
MW - 4	05/07/24	3,629.97	-	20.52	0.00	3,609.45
MW - 4	08/28/24	3,629.97	-	20.62	0.00	3,609.35
MW - 4	11/11/24	3,629.97	-	20.52	0.00	3,609.45
MW - 5	02/13/24	3,629.36	-	21.70	0.00	3,607.66
MW - 5	05/07/24	3,629.36	-	21.70	0.00	3,607.66
MW - 5	08/27/24	3,629.36	-	21.72	0.00	3,607.64
MW - 5	11/11/24	3,629.36	-	21.69	0.00	3,607.67

TABLE 1

2024 GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	02/13/24	3,629.17	-	24.21	0.00	3,604.96
MW - 6	05/07/24	3,629.17	-	24.16	0.00	3,605.01
MW - 6	08/28/24	3,629.17	-	24.32	0.00	3,604.85
MW - 6	11/11/24	3,629.17	-	24.18	0.00	3,604.99
MW - 7	02/13/24	3,628.07	-	22.85	0.00	3,605.22
MW - 7	05/07/24	3,628.07	-	22.98	0.00	3,605.09
MW - 7	08/28/24	3,628.07	-	23.00	0.00	3,605.07
MW - 7	11/11/24	3,628.07	-	22.85	0.00	3,605.22

Notes:
1. BTOC = Below Top-of-Casing.
2. '- = No gauging data collected on corresponding date.
3. P&A = Plugged and Abandoned.
4. Elevations of the potentiometric surface were calculated using a PSH specific gravity of 0.85 gram/cubic centimenter (g/cc).

TABLE 2

2024 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 1	02/14/24	<0.00100	0.00106	<0.00100	0.00169
MW - 1	05/07/24	<0.00100	0.00325	0.00213	0.00607
MW - 1	08/28/24	<0.00100	<0.00100	0.00170	0.00519
MW - 1	11/12/24	<0.00100	<0.00100	<0.00100	<0.00100
MW - 2	02/14/24	<0.00100	0.00181	<0.00100	0.00179
MW - 2	05/07/24	<0.00100	0.00112	<0.00100	<0.00200
MW - 2	08/28/24	<0.00100	<0.00100	0.00284	0.01010
MW - 2	11/12/24	<0.00100	0.00138	0.00174	0.00224
MW - 3A	02/14/24	0.00186	0.00302	0.00127	0.0137
MW - 3A	05/07/24	**0.0132**	0.0644	0.1340	0.1162
MW - 3A	08/28/24	0.00160	0.00502	0.0122	0.04865
MW - 3A	11/12/24	0.00171	0.00238	0.00192	0.00969
MW - 4	02/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	05/07/24	<0.00100	0.00146	<0.00100	<0.00200
MW - 4	08/29/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	11/12/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 5	02/14/24	NS	-	-	-
MW - 5	05/07/24	NS	-	-	-
MW - 5	08/29/24	NS	-	-	-
MW - 5	11/12/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	02/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	05/07/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	08/29/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	11/12/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	02/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	05/07/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	08/29/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	11/12/24	<0.00100	<0.00100	<0.00100	<0.00200

Notes:
1. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis by Environmental Protection Agency (EPA) Method SW846-8021B.
2. All reported concentrations are reported as milligrams per liter (mg/L).
3. Bold font indicates laboratory results exceeding NMWQCC Human Health Standards.
4. ND - Non-detect above the Sample Detection Limit.
5. < - Not detected above the Sample Detection Limit.
6. NS - Not sampled.
7. '- - No data available for corresponding date.
8. PSH - Phase Separated Hydrocarbons.
9. P&A - Plugged and abandoned.

TABLE 3

2024 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		**--**	**--**	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	**--**	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			**--**
MW-1	11/11/24	NS																		
MW-2	11/11/24	NS																		
MW-3	11/11/24	P&A																		
MW-3A	11/11/24	PSH																		
MW-4	11/11/24	NS																		
MW-5	11/11/24	NS																		
MW-6	11/11/24	NS																		
MW-7	11/11/24	NS																		

Notes:

1. Polynuclear Aromatic Hydrocarbon (PAH) analysis by Environmental Protection Agency (EPA) Method SW846-8270C, 3510.
2. All reported concentrations are reported as milligrams per liter (mg/L).
3. Bold font indicates laboratory results exceeding NMWQCC Drinking Water Standards.
4. < - Not detected above the Sample Detection Limit.
5 NS - Not sampled.
6. PSH - Phase Separated Hydrocarbons.
7. P&A - Plugged and abandoned.

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	05/02/97	3,629.59	-	21.64	0.00	3,607.95
MW - 1	08/15/97	3,629.59	-	21.66	0.00	3,607.93
MW - 1	10/23/97	3,629.59	-	21.57	0.00	3,608.02
MW - 1	11/01/97	3,629.59	-	21.60	0.00	3,607.99
MW - 1	12/03/97	3,629.59	-	21.60	0.00	3,607.99
MW - 1	01/02/98	3,629.59	-	21.57	0.00	3,608.02
MW - 1	02/06/98	3,629.33	-	21.59	0.00	3,607.74
MW - 1	02/19/98	3,629.33	-	21.58	0.00	3,607.75
MW - 1	03/04/98	3,629.33	-	21.55	0.00	3,607.78
MW - 1	03/06/00	3,629.33	-	21.80	0.00	3,607.53
MW - 1	05/16/00	3,629.33	-	21.65	0.00	3,607.68
MW - 1	08/31/00	3,629.33	-	21.64	0.00	3,607.69
MW - 1	11/17/00	3,629.33	-	21.64	0.00	3,607.69
MW - 1	03/07/01	3,629.33	-	21.55	0.00	3,607.78
MW - 1	05/30/01	3,629.33	-	21.58	0.00	3,607.75
MW - 1	08/27/01	3,629.33	-	21.65	0.00	3,607.68
MW - 1	10/12/01	3,629.33	-	21.63	0.00	3,607.70
MW - 1	02/25/02	3,629.33	-	21.62	0.00	3,607.71
MW - 1	05/13/02	3,629.33	-	21.65	0.00	3,607.68
MW - 1	09/10/02	3,629.33	-	21.68	0.00	3,607.65
MW - 1	11/15/02	3,629.33	-	21.62	0.00	3,607.71
MW - 1	05/13/03	3,629.33	-	21.59	0.00	3,607.74
MW - 1	08/22/03	3,629.33	-	21.72	0.00	3,607.61
MW - 1	12/15/03	3,629.33	-	21.67	0.00	3,607.66
MW - 1	03/04/04	3,629.33	-	21.65	0.00	3,607.68
MW - 1	05/25/04	3,629.33	-	21.59	0.00	3,607.74
MW - 1	08/31/04	3,629.33	-	21.69	0.00	3,607.64
MW - 1	12/10/04	3,629.33	sheen	20.44	0.00	3,608.89
MW - 1	12/13/04	3,629.33	sheen	20.44	0.00	3,608.89
MW - 1	01/10/05	3,629.33	-	21.09	0.00	3,608.24
MW - 1	01/17/05	3,629.33	sheen	21.15	0.00	3,608.18
MW - 1	01/24/05	3,629.33	sheen	21.10	0.00	3,608.23
MW - 1	01/31/05	3,629.33	sheen	21.19	0.00	3,608.14
MW - 1	01/31/05	3,629.33	sheen	21.19	0.00	3,608.14
MW - 1	02/07/05	3,629.33	sheen	21.22	0.00	3,608.11
MW - 1	02/14/05	3,629.33	sheen	21.29	0.00	3,608.04
MW - 1	02/21/05	3,629.33	sheen	21.33	0.00	3,608.00
MW - 1	02/28/05	3,629.33	sheen	21.37	0.00	3,607.96
MW - 1	03/07/05	3,629.33	sheen	21.30	0.00	3,608.03
MW - 1	03/14/05	3,629.33	sheen	21.37	0.00	3,607.96
MW - 1	03/16/05	3,629.33	sheen	21.44	0.00	3,607.89
MW - 1	03/21/05	3,629.33	sheen	21.38	0.00	3,607.95
MW - 1	03/28/05	3,629.33	sheen	21.39	0.00	3,607.94
MW - 1	04/04/05	3,629.33	sheen	21.37	0.00	3,607.96
MW - 1	04/13/05	3,629.33	sheen	21.38	0.00	3,607.95
MW - 1	04/18/05	3,629.33	21.35	21.36	0.01	3,607.98
MW - 1	05/23/05	3,629.33	sheen	21.40	0.00	3,607.93
MW - 1	06/02/05	3,629.33	sheen	21.44	0.00	3,607.89
MW - 1	06/07/05	3,629.33	sheen	21.41	0.00	3,607.92
MW - 1	06/13/05	3,629.33	-	21.45	0.00	3,607.88
MW - 1	06/14/05	3,629.33	sheen	21.45	0.00	3,607.88
MW - 1	06/21/05	3,629.33	sheen	21.51	0.00	3,607.82
MW - 1	07/13/05	3,629.33	sheen	21.55	0.00	3,607.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	07/19/05	3,629.33	sheen	21.58	0.00	3,607.75
MW - 1	07/26/05	3,629.33	sheen	21.57	0.00	3,607.76
MW - 1	08/01/05	3,629.33	sheen	21.56	0.00	3,607.77
MW - 1	08/15/05	3,629.33	sheen	21.60	0.00	3,607.73
MW - 1	08/24/05	3,629.33	sheen	21.58	0.00	3,607.75
MW - 1	08/30/05	3,629.33	sheen	21.56	0.00	3,607.77
MW - 1	09/12/05	3,629.33	-	21.50	0.00	3,607.83
MW - 1	09/20/05	3,629.33	sheen	21.63	0.00	3,607.70
MW - 1	09/26/05	3,629.33	sheen	21.59	0.00	3,607.74
MW - 1	10/07/05	3,629.33	sheen	21.62	0.00	3,607.71
MW - 1	10/11/05	3,629.33	sheen	21.61	0.00	3,607.72
MW - 1	10/18/05	3,629.33	sheen	21.58	0.00	3,607.75
MW - 1	10/25/05	3,629.33	sheen	21.60	0.00	3,607.73
MW - 1	11/14/05	3,629.33	sheen	21.60	0.00	3,607.73
MW - 1	11/23/05	3,629.33	sheen	21.57	0.00	3,607.76
MW - 1	12/06/05	3,629.33	-	21.60	0.00	3,607.73
MW - 1	12/12/05	3,629.33	sheen	21.51	0.00	3,607.82
MW - 1	12/19/05	3,629.33	sheen	21.50	0.00	3,607.83
MW - 1	12/28/05	3,629.33	sheen	21.50	0.00	3,607.83
MW - 1	01/04/06	3,629.33	sheen	21.53	0.00	3,607.80
MW - 1	01/10/06	3,629.33	sheen	21.49	0.00	3,607.84
MW - 1	01/17/06	3,629.33	sheen	21.47	0.00	3,607.86
MW - 1	01/26/06	3,629.33	sheen	21.48	0.00	3,607.85
MW - 1	01/31/06	3,629.33	sheen	21.50	0.00	3,607.83
MW - 1	02/07/06	3,629.33	sheen	21.53	0.00	3,607.80
MW - 1	02/13/06	3,629.33	sheen	21.52	0.00	3,607.81
MW - 1	02/22/06	3,629.33	sheen	21.53	0.00	3,607.80
MW - 1	02/27/06	3,629.33	sheen	21.55	0.00	3,607.78
MW - 1	03/07/06	3,629.33	sheen	21.53	0.00	3,607.80
MW - 1	03/10/06	3,629.33	-	21.52	0.00	3,607.81
MW - 1	03/15/06	3,629.33	sheen	21.54	0.00	3,607.79
MW - 1	03/22/06	3,629.33	sheen	21.55	0.00	3,607.78
MW - 1	03/29/06	3,629.33	sheen	21.53	0.00	3,607.80
MW - 1	04/03/06	3,629.33	sheen	21.57	0.00	3,607.76
MW - 1	04/18/06	3,629.33	sheen	21.54	0.00	3,607.79
MW - 1	04/25/06	3,629.33	sheen	21.56	0.00	3,607.77
MW - 1	05/02/06	3,629.33	sheen	21.62	0.00	3,607.71
MW - 1	05/10/06	3,629.33	sheen	21.55	0.00	3,607.78
MW - 1	05/16/06	3,629.33	sheen	21.54	0.00	3,607.79
MW - 1	05/23/06	3,629.33	sheen	21.55	0.00	3,607.78
MW - 1	05/31/06	3,629.33	21.56	21.57	0.01	3,607.77
MW - 1	06/06/06	3,629.33	sheen	21.58	0.00	3,607.75
MW - 1	06/09/06	3,629.33	-	21.57	0.00	3,607.76
MW - 1	06/13/06	3,629.33	sheen	21.58	0.00	3,607.75
MW - 1	06/20/06	3,629.33	sheen	21.60	0.00	3,607.73
MW - 1	07/05/06	3,629.33	-	21.63	0.00	3,607.70
MW - 1	07/18/06	3,629.33	-	21.62	0.00	3,607.71
MW - 1	07/26/06	3,629.33	-	21.61	0.00	3,607.72
MW - 1	07/31/06	3,629.33	-	21.59	0.00	3,607.74
MW - 1	08/08/06	3,629.33	-	21.62	0.00	3,607.71
MW - 1	08/18/06	3,629.33	-	21.52	0.00	3,607.81
MW - 1	08/22/06	3,629.33	-	22.33	0.00	3,607.00
MW - 1	09/12/06	3,629.33	19.99	20.01	0.02	3,609.34

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	09/16/06	3,629.33	20.07	20.13	0.06	3,609.25
MW - 1	10/31/06	3,629.33	20.90	21.08	0.18	3,608.40
MW - 1	11/15/06	3,629.33	20.86	21.02	0.16	3,608.45
MW - 1	11/28/06	3,629.33	21.13	21.51	0.38	3,608.14
MW - 1	01/31/07	3,629.33	21.35	21.80	0.45	3,607.91
MW - 1	02/07/07	3,629.33	21.41	21.49	0.08	3,607.91
MW - 1	02/22/07	3,629.33	21.48	21.88	0.40	3,607.79
MW - 1	03/07/07	3,629.33	21.39	21.54	0.15	3,607.92
MW - 1	03/29/07	3,629.33	21.44	21.47	0.03	3,607.89
MW - 1	04/02/07	3,629.33	21.68	21.74	0.06	3,607.64
MW - 1	04/30/07	3,629.33	21.41	21.45	0.04	3,607.91
MW - 1	05/17/07	3,629.33	21.44	21.52	0.08	3,607.88
MW - 1	06/20/07	3,629.33	21.47	21.54	0.07	3,607.85
MW - 1	06/29/07	3,629.33	sheen	21.71	0.00	3,607.62
MW - 1	07/02/07	3,629.33	sheen	21.59	0.00	3,607.74
MW - 1	08/01/07	3,629.33	sheen	21.63	0.00	3,607.70
MW - 1	08/09/07	3,629.33	sheen	21.66	0.00	3,607.67
MW - 1	08/21/07	3,629.33	sheen	21.69	0.00	3,607.64
MW - 1	09/18/07	3,629.33	sheen	21.73	0.00	3,607.60
MW - 1	10/03/07	3,629.33	sheen	21.65	0.00	3,607.68
MW - 1	10/10/07	3,629.33	sheen	21.62	0.00	3,607.71
MW - 1	10/17/07	3,629.33	sheen	21.58	0.00	3,607.75
MW - 1	11/26/07	3,629.33	sheen	21.53	0.00	3,607.80
MW - 1	01/18/08	3,629.33	-	21.52	0.00	3,607.81
MW - 1	01/23/08	3,629.33	-	21.69	0.00	3,607.64
MW - 1	02/21/08	3,629.33	-	21.74	0.00	3,607.59
MW - 1	02/26/08	3,629.33	-	21.73	0.00	3,607.60
MW - 1	03/14/08	3,629.33	-	21.68	0.00	3,607.65
MW - 1	03/20/08	3,629.33	-	21.17	0.00	3,608.16
MW - 1	04/04/08	3,629.33	-	21.68	0.00	3,607.65
MW - 1	04/10/08	3,629.33	-	21.71	0.00	3,607.62
MW - 1	04/17/08	3,629.33	-	21.61	0.00	3,607.72
MW - 1	04/24/08	3,629.33	-	21.69	0.00	3,607.64
MW - 1	05/01/08	3,629.33	-	21.69	0.00	3,607.64
MW - 1	05/08/08	3,629.33	-	21.67	0.00	3,607.66
MW - 1	05/15/08	3,629.33	-	21.73	0.00	3,607.60
MW - 1	05/20/08	3,629.33	-	21.72	0.00	3,607.61
MW - 1	05/26/08	3,629.33	-	21.70	0.00	3,607.63
MW - 1	05/30/08	3,629.33	-	21.76	0.00	3,607.57
MW - 1	06/04/08	3,629.33	-	21.73	0.00	3,607.60
MW - 1	06/12/08	3,629.33	-	21.73	0.00	3,607.60
MW - 1	06/17/08	3,629.33	-	21.73	0.00	3,607.60
MW - 1	06/24/08	3,629.33	-	21.73	0.00	3,607.60
MW - 1	07/03/08	3,629.33	-	21.70	0.00	3,607.63
MW - 1	07/09/08	3,629.33	-	21.84	0.00	3,607.49
MW - 1	07/14/08	3,629.33	-	21.78	0.00	3,607.55
MW - 1	08/19/08	3,629.33	-	21.81	0.00	3,607.52
MW - 1	08/28/08	3,629.33	-	21.68	0.00	3,607.65
MW - 1	09/25/08	3,629.33	-	21.72	0.00	3,607.61
MW - 1	10/03/08	3,629.33	-	21.60	0.00	3,607.73
MW - 1	10/07/08	3,629.33	-	21.79	0.00	3,607.54
MW - 1	10/15/08	3,629.33	-	21.71	0.00	3,607.62
MW - 1	10/22/08	3,629.33	-	21.69	0.00	3,607.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	10/28/08	3,629.33	-	21.61	0.00	3,607.72
MW - 1	11/06/08	3,629.33	-	21.69	0.00	3,607.64
MW - 1	11/13/08	3,629.33	-	21.63	0.00	3,607.70
MW - 1	11/19/08	3,629.33	-	21.68	0.00	3,607.65
MW - 1	12/16/08	3,629.33	-	21.68	0.00	3,607.65
MW - 1	02/13/09	3,629.33	-	21.66	0.00	3,607.67
MW - 1	05/20/09	3,629.33	-	21.74	0.00	3,607.59
MW - 1	05/20/09	3,629.33	-	21.58	0.00	3,607.75
MW - 1	06/02/09	3,629.33	-	21.60	0.00	3,607.73
MW - 1	06/04/09	3,629.33	-	31.98	0.00	3,597.35
MW - 1	07/10/09	3,629.33	-	21.61	0.00	3,607.72
MW - 1	08/15/09	3,629.33	-	21.56	0.00	3,607.77
MW - 1	11/06/09	3,629.33	-	21.54	0.00	3,607.79
MW - 1	01/12/10	3,629.33	-	21.57	0.00	3,607.76
MW - 1	02/05/10	3,629.33	-	21.60	0.00	3,607.73
MW - 1	05/03/10	3,629.33	-	21.64	0.00	3,607.69
MW - 1	08/02/10	3,629.33	-	21.55	0.00	3,607.78
MW - 1	11/01/10	3,629.33	21.41	21.65	0.24	3,607.88
MW - 1	02/07/11	3,629.33	21.43	21.66	0.23	3,607.87
MW - 1	05/02/11	3,629.33	22.16	25.03	2.87	3,606.74
MW - 1	05/09/11	3,629.33	21.56	21.60	0.04	3,607.76
MW - 1	05/10/11	3,629.33	21.55	21.62	0.07	3,607.77
MW - 1	07/12/11	3,629.33	sheen	21.52	0.00	3,607.81
MW - 1	07/22/11	3,629.33	-	21.45	0.00	3,607.88
MW - 1	08/04/11	3,629.33	-	21.62	0.00	3,607.71
MW - 1	08/08/11	3,629.33	21.57	21.62	0.05	3,607.75
MW - 1	08/11/11	3,629.33	-	21.92	0.00	3,607.41
MW - 1	08/24/11	3,629.33	-	22.01	0.00	3,607.32
MW - 1	09/02/11	3,629.33	-	21.87	0.00	3,607.46
MW - 1	09/07/11	3,629.33	Sheen	21.85	0.00	3,607.48
MW - 1	09/09/11	3,629.33	Sheen	21.80	0.00	3,607.53
MW - 1	09/14/11	3,629.33	-	21.80	0.00	3,607.53
MW - 1	09/22/11	3,629.33	sheen	21.80	0.00	3,607.53
MW - 1	09/26/11	3,629.33	sheen	21.80	0.00	3,607.53
MW - 1	10/14/11	3,629.33	-	21.69	0.00	3,607.64
MW - 1	10/26/11	3,629.33	21.66	21.69	0.03	3,607.67
MW - 1	11/10/11	3,629.33	-	21.72	0.00	3,607.61
MW - 1	11/14/11	3,629.33	-	21.72	0.00	3,607.61
MW - 1	12/02/11	3,629.33	-	21.70	0.00	3,607.63
MW - 1	12/09/11	3,629.33	-	21.75	0.00	3,607.58
MW - 1	12/13/11	3,629.33	-	21.75	0.00	3,607.58
MW - 1	12/23/11	3,629.33	-	21.65	0.00	3,607.68
MW - 1	12/29/11	3,629.33	-	21.56	0.00	3,607.77
MW - 1	01/04/12	3,629.33	-	21.64	0.00	3,607.69
MW - 1	01/13/12	3,629.33	-	21.48	0.00	3,607.85
MW - 1	01/30/12	3,629.33	-	21.56	0.00	3,607.77
MW - 1	02/06/12	3,629.33	-	21.60	0.00	3,607.73
MW - 1	02/13/12	3,629.33	-	21.83	0.00	3,607.50
MW - 1	02/14/12	3,629.33	-	21.83	0.00	3,607.50
MW - 1	03/13/12	3,629.33	-	21.90	0.00	3,607.43
MW - 1	03/15/12	3,629.33	-	21.80	0.00	3,607.53
MW - 1	03/20/12	3,629.33	-	21.80	0.00	3,607.53
MW - 1	03/22/12	3,629.33	-	21.71	0.00	3,607.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	03/27/12	3,629.33	-	21.69	0.00	3,607.64
MW - 1	03/29/12	3,629.33	-	21.70	0.00	3,607.63
MW - 1	04/02/12	3,629.33	-	21.67	0.00	3,607.66
MW - 1	04/09/12	3,629.33	-	21.71	0.00	3,607.62
MW - 1	04/12/12	3,629.33	-	21.72	0.00	3,607.61
MW - 1	04/17/12	3,629.33	-	21.83	0.00	3,607.50
MW - 1	04/19/12	3,629.33	-	21.69	0.00	3,607.64
MW - 1	04/23/12	3,629.33	-	21.75	0.00	3,607.58
MW - 1	04/26/12	3,629.33	-	21.71	0.00	3,607.62
MW - 1	05/21/12	3,629.33	-	21.76	0.00	3,607.57
MW - 1	06/06/12	3,629.33	-	21.60	0.00	3,607.73
MW - 1	06/11/12	3,629.33	-	21.61	0.00	3,607.72
MW - 1	06/18/12	3,629.33	-	21.61	0.00	3,607.72
MW - 1	06/25/12	3,629.33	-	21.73	0.00	3,607.60
MW - 1	07/02/12	3,629.33	-	21.62	0.00	3,607.71
MW - 1	07/09/12	3,629.33	-	27.77	0.00	3,601.56
MW - 1	07/16/12	3,629.33	-	21.69	0.00	3,607.64
MW - 1	08/01/12	3,629.33	-	21.71	0.00	3,607.62
MW - 1	08/14/12	3,629.33	-	21.73	0.00	3,607.60
MW - 1	08/21/12	3,629.33	-	21.78	0.00	3,607.55
MW - 1	09/04/12	3,629.33	-	21.74	0.00	3,607.59
MW - 1	09/10/12	3,629.33	-	21.80	0.00	3,607.53
MW - 1	09/19/12	3,629.33	-	21.77	0.00	3,607.56
MW - 1	09/24/12	3,629.33	-	21.66	0.00	3,607.67
MW - 1	10/01/12	3,629.33	-	21.68	0.00	3,607.65
MW - 1	10/08/12	3,629.33	-	21.63	0.00	3,607.70
MW - 1	10/15/12	3,629.33	-	21.64	0.00	3,607.69
MW - 1	10/22/12	3,629.33	-	21.76	0.00	3,607.57
MW - 1	10/29/12	3,629.33	-	21.80	0.00	3,607.53
MW - 1	11/06/12	3,629.33	-	21.68	0.00	3,607.65
MW - 1	12/04/12	3,629.33	-	21.74	0.00	3,607.59
MW - 1	12/10/12	3,629.33	-	21.76	0.00	3,607.57
MW - 1	12/17/12	3,629.33	-	21.70	0.00	3,607.63
MW - 1	12/27/12	3,629.33	-	21.82	0.00	3,607.51
MW - 1	01/14/13	3,629.33	-	21.83	0.00	3,607.50
MW - 1	02/04/13	3,629.33	-	21.79	0.00	3,607.54
MW - 1	02/05/13	3,629.33	-	21.82	0.00	3,607.51
MW - 1	02/20/13	3,629.33	-	21.83	0.00	3,607.50
MW - 1	03/04/13	3,629.33	-	21.96	0.00	3,607.37
MW - 1	03/26/13	3,629.33	-	21.78	0.00	3,607.55
MW - 1	04/10/13	3,629.33	-	21.99	0.00	3,607.34
MW - 1	04/17/13	3,629.33	-	21.95	0.00	3,607.38
MW - 1	04/24/13	3,629.33	-	21.87	0.00	3,607.46
MW - 1	05/02/13	3,629.33	-	21.86	0.00	3,607.47
MW - 1	05/09/13	3,629.33	-	21.87	0.00	3,607.46
MW - 1	05/17/13	3,629.33	-	21.81	0.00	3,607.52
MW - 1	05/22/13	3,629.33	-	21.79	0.00	3,607.54
MW - 1	05/29/13	3,629.33	-	21.77	0.00	3,607.56
MW - 1	06/03/13	3,629.33	-	21.79	0.00	3,607.54
MW - 1	06/20/13	3,629.33	-	21.67	0.00	3,607.66
MW - 1	06/25/13	3,629.33	-	21.69	0.00	3,607.64
MW - 1	07/02/13	3,629.33	-	21.89	0.00	3,607.44
MW - 1	07/09/13	3,629.33	-	21.87	0.00	3,607.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	07/16/13	3,629.33	-	21.85	0.00	3,607.48
MW - 1	07/24/13	3,629.33	-	21.81	0.00	3,607.52
MW - 1	07/31/13	3,629.33	-	21.80	0.00	3,607.53
MW - 1	08/01/13	3,629.33	-	21.73	0.00	3,607.60
MW - 1	08/06/13	3,629.33	-	21.71	0.00	3,607.62
MW - 1	08/07/13	3,629.33	-	21.66	0.00	3,607.67
MW - 1	08/16/13	3,629.33	-	21.69	0.00	3,607.64
MW - 1	08/27/13	3,629.33	-	21.63	0.00	3,607.70
MW - 1	09/12/13	3,629.33	-	21.64	0.00	3,607.69
MW - 1	09/19/13	3,629.33	-	22.10	0.00	3,607.23
MW - 1	09/25/13	3,629.33	-	22.05	0.00	3,607.28
MW - 1	09/30/13	3,629.33	-	22.07	0.00	3,607.26
MW - 1	10/09/13	3,629.33	-	21.99	0.00	3,607.34
MW - 1	10/14/13	3,629.33	-	21.78	0.00	3,607.55
MW - 1	10/22/13	3,629.33	-	21.72	0.00	3,607.61
MW - 1	10/30/13	3,629.33	-	22.03	0.00	3,607.30
MW - 1	11/07/13	3,629.33	-	22.00	0.00	3,607.33
MW - 1	11/27/13	3,629.33	-	21.86	0.00	3,607.47
MW - 1	12/04/13	3,629.33	-	21.79	0.00	3,607.54
MW - 1	12/10/13	3,629.33	-	21.76	0.00	3,607.57
MW - 1	12/16/13	3,629.33	-	21.62	0.00	3,607.71
MW - 1	12/24/13	3,629.33	-	21.75	0.00	3,607.58
MW - 1	01/06/14	3,629.33	-	21.81	0.00	3,607.52
MW - 1	01/16/14	3,629.33	-	21.78	0.00	3,607.55
MW - 1	01/21/14	3,629.33	-	21.75	0.00	3,607.58
MW - 1	02/11/14	3,629.33	-	21.76	0.00	3,607.57
MW - 1	02/17/14	3,629.33	-	21.73	0.00	3,607.60
MW - 1	02/27/14	3,629.33	-	21.76	0.00	3,607.57
MW - 1	03/25/14	3,629.33	-	21.82	0.00	3,607.51
MW - 1	04/01/14	3,629.33	-	21.73	0.00	3,607.60
MW - 1	04/08/14	3,629.33	-	21.78	0.00	3,607.55
MW - 1	04/15/14	3,629.33	-	21.62	0.00	3,607.71
MW - 1	04/29/14	3,629.33	-	21.63	0.00	3,607.70
MW - 1	05/06/14	3,629.33	-	21.63	0.00	3,607.70
MW - 1	05/07/14	3,629.33	-	21.63	0.00	3,607.70
MW - 1	05/12/14	3,629.33	-	21.66	0.00	3,607.67
MW - 1	05/19/14	3,629.33	-	21.62	0.00	3,607.71
MW - 1	05/27/14	3,629.33	-	21.64	0.00	3,607.69
MW - 1	06/03/14	3,629.33	-	21.65	0.00	3,607.68
MW - 1	06/09/14	3,629.33	-	21.67	0.00	3,607.66
MW - 1	06/23/14	3,629.33	-	21.67	0.00	3,607.66
MW - 1	07/07/14	3,629.33	-	21.65	0.00	3,607.68
MW - 1	07/23/14	3,629.33	-	21.68	0.00	3,607.65
MW - 1	07/28/14	3,629.33	-	21.68	0.00	3,607.65
MW - 1	08/26/14	3,629.33	-	21.65	0.00	3,607.68
MW - 1	09/06/14	3,629.33	-	21.66	0.00	3,607.67
MW - 1	10/15/14	3,629.33	-	20.53	0.00	3,608.80
MW - 1	11/12/14	3,629.33	-	20.92	0.00	3,608.41
MW - 1	01/09/15	3,629.33	-	21.34	0.00	3,607.99
MW - 1	01/26/15	3,629.33	-	21.36	0.00	3,607.97
MW - 1	02/25/15	3,629.33	-	21.40	0.00	3,607.93
MW - 1	03/10/15	3,629.33	-	21.43	0.00	3,607.90
MW - 1	05/19/15	3,629.33	-	21.43	0.00	3,607.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	07/10/15	3,629.33	-	21.49	0.00	3,607.84
MW - 1	08/06/15	3,629.33	-	21.48	0.00	3,607.85
MW - 1	09/08/15	3,629.33	-	22.02	0.00	3,607.31
MW - 1	09/17/15	3,629.33	-	21.99	0.00	3,607.34
MW - 1	09/23/15	3,629.33	-	22.01	0.00	3,607.32
MW - 1	09/29/15	3,629.33	-	21.97	0.00	3,607.36
MW - 1	10/01/15	3,629.33	-	21.61	0.00	3,607.72
MW - 1	10/07/15	3,629.33	-	21.66	0.00	3,607.67
MW - 1	10/14/15	3,629.33	-	21.73	0.00	3,607.60
MW - 1	11/04/15	3,629.33	-	21.71	0.00	3,607.62
MW - 1	11/12/15	3,629.33	-	21.72	0.00	3,607.61
MW - 1	12/02/15	3,629.33	-	21.86	0.00	3,607.47
MW - 1	12/08/15	3,629.33	-	21.83	0.00	3,607.50
MW - 1	12/10/15	3,629.33	-	21.60	0.00	3,607.73
MW - 1	12/14/15	3,629.33	-	21.63	0.00	3,607.70
MW - 1	12/21/15	3,629.33	-	21.59	0.00	3,607.74
MW - 1	01/11/16	3,629.33	-	21.54	0.00	3,607.79
MW - 1	01/13/16	3,629.33	-	21.53	0.00	3,607.80
MW - 1	01/22/16	3,629.33	-	21.56	0.00	3,607.77
MW - 1	01/25/16	3,629.33	-	21.56	0.00	3,607.77
MW - 1	02/05/16	3,629.33	-	21.56	0.00	3,607.77
MW - 1	02/08/16	3,629.33	-	21.56	0.00	3,607.77
MW - 1	02/10/16	3,629.33	-	21.55	0.00	3,607.78
MW - 1	02/17/16	3,629.33	-	21.53	0.00	3,607.80
MW - 1	02/24/16	3,629.33	-	21.56	0.00	3,607.77
MW - 1	03/01/16	3,629.33	-	21.59	0.00	3,607.74
MW - 1	03/08/16	3,629.33	-	22.12	0.00	3,607.21
MW - 1	03/11/16	3,629.33	-	22.18	0.00	3,607.15
MW - 1	03/15/16	3,629.33	-	22.08	0.00	3,607.25
MW - 1	03/24/16	3,629.33	-	21.89	0.00	3,607.44
MW - 1	03/30/16	3,629.33	-	21.80	0.00	3,607.53
MW - 1	04/07/16	3,629.33	-	22.04	0.00	3,607.29
MW - 1	04/12/16	3,629.33	-	22.12	0.00	3,607.21
MW - 1	04/18/16	3,629.33	-	21.98	0.00	3,607.35
MW - 1	04/25/16	3,629.33	-	21.79	0.00	3,607.54
MW - 1	05/03/16	3,629.33	-	21.81	0.00	3,607.52
MW - 1	05/12/16	3,629.33	-	21.89	0.00	3,607.44
MW - 1	05/16/16	3,629.33	-	21.92	0.00	3,607.41
MW - 1	05/26/16	3,629.33	-	22.09	0.00	3,607.24
MW - 1	06/08/16	3,629.33	-	21.94	0.00	3,607.39
MW - 1	06/15/16	3,629.33	-	21.94	0.00	3,607.39
MW - 1	06/20/16	3,629.33	-	22.00	0.00	3,607.33
MW - 1	06/29/16	3,629.33	-	21.77	0.00	3,607.56
MW - 1	07/07/16	3,629.33	-	21.84	0.00	3,607.49
MW - 1	07/11/16	3,629.33	-	21.74	0.00	3,607.59
MW - 1	07/19/16	3,629.33	-	21.86	0.00	3,607.47
MW - 1	07/25/16	3,629.33	-	21.74	0.00	3,607.59
MW - 1	08/01/16	3,629.33	-	21.77	0.00	3,607.56
MW - 1	08/11/16	3,629.33	-	21.83	0.00	3,607.50
MW - 1	08/15/16	3,629.33	-	21.90	0.00	3,607.43
MW - 1	08/29/16	3,629.33	-	21.84	0.00	3,607.49
MW - 1	09/07/16	3,629.33	-	21.59	0.00	3,607.74
MW - 1	09/13/16	3,629.33	-	21.61	0.00	3,607.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	09/21/16	3,629.33	-	21.62	0.00	3,607.71
MW - 1	09/28/16	3,629.33	-	21.62	0.00	3,607.71
MW - 1	10/04/16	3,629.33	-	21.42	0.00	3,607.91
MW - 1	10/18/16	3,629.33	-	21.49	0.00	3,607.84
MW - 1	10/25/16	3,629.33	-	21.51	0.00	3,607.82
MW - 1	11/01/16	3,629.33	-	21.52	0.00	3,607.81
MW - 1	11/10/16	3,629.33	-	21.53	0.00	3,607.80
MW - 1	11/18/16	3,629.33	-	21.56	0.00	3,607.77
MW - 1	11/23/16	3,629.33	-	21.55	0.00	3,607.78
MW - 1	12/07/16	3,629.33	-	22.55	0.00	3,606.78
MW - 1	12/15/16	3,629.33	-	21.84	0.00	3,607.49
MW - 1	12/21/16	3,629.33	-	21.73	0.00	3,607.60
MW - 1	12/27/16	3,629.33	-	21.75	0.00	3,607.58
MW - 1	01/04/17	3,629.33	-	21.76	0.00	3,607.57
MW - 1	01/09/17	3,629.33	-	22.01	0.00	3,607.32
MW - 1	01/17/17	3,629.33	-	21.65	0.00	3,607.68
MW - 1	01/23/17	3,629.33	-	22.06	0.00	3,607.27
MW - 1	02/01/17	3,629.33	-	22.05	0.00	3,607.28
MW - 1	02/06/17	3,629.33	-	21.64	0.00	3,607.69
MW - 1	02/15/17	3,629.33	-	21.65	0.00	3,607.68
MW - 1	02/20/17	3,629.33	-	21.68	0.00	3,607.65
MW - 1	02/28/17	3,629.33	-	21.60	0.00	3,607.73
MW - 1	03/08/17	3,629.33	-	21.53	0.00	3,607.80
MW - 1	03/13/17	3,629.33	-	21.56	0.00	3,607.77
MW - 1	03/20/17	3,629.33	-	21.90	0.00	3,607.43
MW - 1	03/27/17	3,629.33	-	22.10	0.00	3,607.23
MW - 1	04/05/17	3,629.33	-	21.96	0.00	3,607.37
MW - 1	04/10/17	3,629.33	-	21.89	0.00	3,607.44
MW - 1	04/17/17	3,629.33	-	22.02	0.00	3,607.31
MW - 1	04/24/17	3,629.33	-	22.00	0.00	3,607.33
MW - 1	05/01/17	3,629.33	-	21.78	0.00	3,607.55
MW - 1	05/08/17	3,629.33	-	21.80	0.00	3,607.53
MW - 1	05/15/17	3,629.33	-	21.82	0.00	3,607.51
MW - 1	05/26/17	3,629.33	-	21.83	0.00	3,607.50
MW - 1	06/02/17	3,629.33	-	21.87	0.00	3,607.46
MW - 1	06/09/17	3,629.33	-	21.69	0.00	3,607.64
MW - 1	06/13/17	3,629.33	-	21.58	0.00	3,607.75
MW - 1	06/19/17	3,629.33	-	21.94	0.00	3,607.39
MW - 1	06/28/17	3,629.33	-	21.83	0.00	3,607.50
MW - 1	07/03/17	3,629.33	-	21.87	0.00	3,607.46
MW - 1	07/10/17	3,629.33	-	22.09	0.00	3,607.24
MW - 1	07/11/17	3,629.33	-	21.90	0.00	3,607.43
MW - 1	07/17/17	3,629.33	-	22.09	0.00	3,607.24
MW - 1	07/24/17	3,629.33	-	22.06	0.00	3,607.27
MW - 1	08/03/17	3,629.33	-	21.80	0.00	3,607.53
MW - 1	08/10/17	3,629.33	-	22.07	0.00	3,607.26
MW - 1	08/16/17	3,629.33	-	21.99	0.00	3,607.34
MW - 1	08/28/17	3,629.33	-	21.74	0.00	3,607.59
MW - 1	09/06/17	3,629.33	-	21.73	0.00	3,607.60
MW - 1	09/12/17	3,629.33	-	21.66	0.00	3,607.67
MW - 1	09/19/17	3,629.33	-	21.69	0.00	3,607.64
MW - 1	10/04/17	3,629.33	-	21.70	0.00	3,607.63
MW - 1	10/09/17	3,629.33	-	21.73	0.00	3,607.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	10/16/17	3,629.33	-	21.58	0.00	3,607.75
MW - 1	10/24/17	3,629.33	-	21.50	0.00	3,607.83
MW - 1	11/01/17	3,629.33	-	21.50	0.00	3,607.83
MW - 1	11/17/17	3,629.33	-	21.51	0.00	3,607.82
MW - 1	11/22/17	3,629.33	-	21.55	0.00	3,607.78
MW - 1	11/30/17	3,629.33	-	21.82	0.00	3,607.51
MW - 1	12/06/17	3,629.33	-	21.81	0.00	3,607.52
MW - 1	12/22/17	3,629.33	-	22.02	0.00	3,607.31
MW - 1	01/08/18	3,629.33	-	21.67	0.00	3,607.66
MW - 1	01/17/18	3,629.33	-	21.64	0.00	3,607.69
MW - 1	01/23/18	3,629.33	-	21.88	0.00	3,607.45
MW - 1	01/30/18	3,629.33	-	22.02	0.00	3,607.31
MW - 1	02/05/18	3,629.33	-	22.04	0.00	3,607.29
MW - 1	02/12/18	3,629.33	-	21.72	0.00	3,607.61
MW - 1	02/19/18	3,629.33	-	21.99	0.00	3,607.34
MW - 1	03/01/18	3,629.33	-	22.00	0.00	3,607.33
MW - 1	03/06/18	3,629.33	-	21.92	0.00	3,607.41
MW - 1	03/20/18	3,629.33	-	21.99	0.00	3,607.34
MW - 1	03/26/18	3,629.33	-	21.85	0.00	3,607.48
MW - 1	04/10/18	3,629.33	-	21.91	0.00	3,607.42
MW - 1	04/23/18	3,629.33	-	21.88	0.00	3,607.45
MW - 1	05/02/18	3,629.33	-	21.79	0.00	3,607.54
MW - 1	05/15/18	3,629.33	-	21.66	0.00	3,607.67
MW - 1	05/23/18	3,629.33	-	21.59	0.00	3,607.74
MW - 1	06/07/18	3,629.33	-	21.96	0.00	3,607.37
MW - 1	06/20/18	3,629.33	-	22.10	0.00	3,607.23
MW - 1	06/29/18	3,629.33	-	22.12	0.00	3,607.21
MW - 1	07/03/18	3,629.33	-	27.05	0.00	3,602.28
MW - 1	07/13/18	3,629.33	-	22.05	0.00	3,607.28
MW - 1	07/17/18	3,629.33	-	22.91	0.00	3,606.42
MW - 1	07/27/18	3,629.33	-	22.10	0.00	3,607.23
MW - 1	08/01/18	3,629.33	-	22.12	0.00	3,607.21
MW - 1	08/14/18	3,629.33	-	22.12	0.00	3,607.21
MW - 1	08/24/18	3,629.33	-	22.13	0.00	3,607.20
MW - 1	09/05/18	3,629.33	-	22.17	0.00	3,607.16
MW - 1	09/12/18	3,629.33	-	21.82	0.00	3,607.51
MW - 1	09/17/18	3,629.33	-	22.06	0.00	3,607.27
MW - 1	09/26/18	3,629.33	-	21.91	0.00	3,607.42
MW - 1	10/02/18	3,629.33	-	21.85	0.00	3,607.48
MW - 1	10/12/18	3,629.33	-	21.75	0.00	3,607.58
MW - 1	10/16/18	3,629.33	-	22.02	0.00	3,607.31
MW - 1	10/23/18	3,629.33	-	21.88	0.00	3,607.45
MW - 1	11/14/18	3,629.33	-	21.62	0.00	3,607.71
MW - 1	12/10/18	3,629.33	-	21.51	0.00	3,607.82
MW - 1	12/26/18	3,629.33	-	21.52	0.00	3,607.81
MW - 1	01/10/19	3,629.33	-	21.53	0.00	3,607.80
MW - 1	01/23/19	3,629.33	-	21.57	0.00	3,607.76
MW - 1	02/11/19	3,629.33	-	21.55	0.00	3,607.78
MW - 1	03/14/19	3,629.33	-	21.86	0.00	3,607.47
MW - 1	03/28/19	3,629.33	-	21.79	0.00	3,607.54
MW - 1	04/10/19	3,629.33	-	22.04	0.00	3,607.29
MW - 1	04/25/19	3,629.33	-	21.81	0.00	3,607.52
MW - 1	05/07/19	3,629.33	-	22.01	0.00	3,607.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	05/24/19	3,629.33	-	22.10	0.00	3,607.23
MW - 1	06/14/19	3,629.33	-	21.68	0.00	3,607.65
MW - 1	06/26/19	3,629.33	-	21.68	0.00	3,607.65
MW - 1	07/30/19	3,629.33	-	21.68	0.00	3,607.65
MW - 1	08/19/19	3,629.33	-	21.70	0.00	3,607.63
MW - 1	09/16/19	3,629.33	-	21.67	0.00	3,607.66
MW - 1	11/18/19	3,629.33	-	21.67	0.00	3,607.66
MW - 1	12/27/19	3,629.33	-	21.64	0.00	3,607.69
MW - 1	01/20/20	3,629.33	-	21.66	0.00	3,607.67
MW - 1	02/12/20	3,629.33	-	21.70	0.00	3,607.63
MW - 1	05/12/20	3,629.33	-	21.67	0.00	3,607.66
MW - 1	06/04/20	3,629.33	-	21.70	0.00	3,607.63
MW - 1	07/31/20	3,629.33	-	21.78	0.00	3,607.55
MW - 1	08/17/20	3,629.33	-	21.74	0.00	3,607.59
MW - 1	09/08/20	3,629.33	-	21.86	0.00	3,607.47
MW - 1	10/07/20	3,629.33	-	21.85	0.00	3,607.48
MW - 1	10/28/20	3,629.33	-	21.69	0.00	3,607.64
MW - 1	11/18/20	3,629.33	-	21.63	0.00	3,607.70
MW - 1	12/22/20	3,629.33	-	21.76	0.00	3,607.57
MW - 1	01/18/21	3,629.33	-	21.80	0.00	3,607.53
MW - 1	02/03/21	3,629.33	-	21.75	0.00	3,607.58
MW - 1	02/08/21	3,629.33	-	21.62	0.00	3,607.71
MW - 1	03/03/21	3,629.33	-	21.63	0.00	3,607.70
MW - 1	04/14/21	3,629.33	-	21.71	0.00	3,607.62
MW - 1	04/26/21	3,629.33	-	21.64	0.00	3,607.69
MW - 1	05/18/21	3,629.33	-	21.63	0.00	3,607.70
MW - 1	06/08/21	3,629.33	-	21.65	0.00	3,607.68
MW - 1	07/14/21	3,629.33	-	21.58	0.00	3,607.75
MW - 1	08/16/21	3,629.33	-	21.61	0.00	3,607.72
MW - 1	10/11/21	3,629.33	-	21.56	0.00	3,607.77
MW - 1	11/29/21	3,629.33	-	21.59	0.00	3,607.74
MW - 1	01/10/22	3,629.33	-	21.62	0.00	3,607.71
MW - 1	02/28/22	3,629.33	-	21.62	0.00	3,607.71
MW - 1	04/15/22	3,629.33	-	21.63	0.00	3,607.70
MW - 1	06/07/22	3,629.33	-	21.67	0.00	3,607.66
MW - 1	08/31/22	3,629.33	-	21.63	0.00	3,607.70
MW - 1	11/03/22	3,629.33	-	21.62	0.00	3,607.71
MW - 1	02/22/23	3,629.33	-	21.78	0.00	3,607.55
MW - 1	05/18/23	3,629.33	-	21.81	0.00	3,607.52
MW - 1	07/31/23	3,629.33	-	21.88	0.00	3,607.45
MW - 1	11/02/23	3,629.33	-	21.72	0.00	3,607.61
MW - 1	02/13/24	3,629.33	-	21.65	0.00	3,607.68
MW - 1	05/07/24	3,629.33	-	21.77	0.00	3,607.56
MW - 1	08/27/24	3,629.33	-	21.83	0.00	3,607.50
MW - 1	11/11/24	3,629.33	-	21.83	0.00	3,607.50
MW - 2	05/02/97	3,629.66	-	25.52	3.42	3,607.05
MW - 2	08/15/97	3,629.66	-	27.32	0.00	3,602.34
MW - 2	10/23/97	3,629.66	-	27.48	0.00	3,602.18
MW - 2	11/01/97	3,629.66	-	27.49	0.00	3,602.17
MW - 2	12/03/97	3,629.66	-	27.52	0.00	3,602.14
MW - 2	12/09/97	3,629.66	-	25.94	0.00	3,603.72
MW - 2	12/17/97	3,629.66	-	25.54	0.00	3,604.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	01/02/98	3,629.66	-	25.80	0.00	3,603.86
MW - 2	01/07/98	3,629.66	-	24.99	0.00	3,604.67
MW - 2	01/15/98	3,629.66	-	25.04	0.00	3,604.62
MW - 2	01/20/98	3,629.66	-	23.97	0.00	3,605.69
MW - 2	01/30/98	3,629.66	-	25.03	0.00	3,604.63
MW - 2	02/06/98	3,629.43	-	24.73	0.00	3,604.70
MW - 2	02/13/98	3,629.43	-	24.72	0.00	3,604.71
MW - 2	02/21/98	3,629.43	-	24.53	0.00	3,604.90
MW - 2	02/25/98	3,629.43	-	24.42	0.00	3,605.01
MW - 2	03/04/98	3,629.43	-	24.62	0.00	3,604.81
MW - 2	03/13/98	3,629.43	-	24.79	0.00	3,604.64
MW - 2	03/17/98	3,629.43	-	24.41	0.00	3,605.02
MW - 2	03/24/98	3,629.43	-	24.60	0.00	3,604.83
MW - 2	03/06/00	3,629.43	21.93	27.48	5.55	3,606.67
MW - 2	05/16/00	3,629.43	21.97	27.49	5.52	3,606.63
MW - 2	08/31/00	3,629.43	21.96	27.51	5.55	3,606.64
MW - 2	11/17/00	3,629.43	20.35	26.82	6.47	3,608.11
MW - 2	03/07/01	3,629.43	22.18	25.11	2.93	3,606.81
MW - 2	05/30/01	3,629.43	22.25	24.80	2.55	3,606.80
MW - 2	08/27/01	3,629.43	21.87	24.83	2.96	3,607.12
MW - 2	10/12/01	3,629.43	22.21	25.23	3.02	3,606.77
MW - 2	02/25/02	3,629.43	21.99	26.90	4.91	3,606.70
MW - 2	03/18/02	3,629.43	21.96	26.96	5.00	3,606.72
MW - 2	03/28/02	3,629.43	22.16	26.61	4.45	3,606.60
MW - 2	04/03/02	3,629.43	22.20	24.92	2.72	3,606.82
MW - 2	04/12/02	3,629.43	22.18	25.12	2.94	3,606.81
MW - 2	04/16/02	3,629.43	22.26	24.59	2.33	3,606.82
MW - 2	05/03/02	3,629.43	22.12	25.55	3.43	3,606.80
MW - 2	05/10/02	3,629.43	22.17	25.43	3.26	3,606.77
MW - 2	05/13/02	3,629.43	22.27	25.00	2.73	3,606.75
MW - 2	05/24/02	3,629.43	22.18	25.75	3.57	3,606.71
MW - 2	06/10/02	3,629.43	21.91	26.73	4.82	3,606.80
MW - 2	06/19/02	3,629.43	22.18	26.47	4.29	3,606.61
MW - 2	07/03/02	3,629.43	22.19	25.90	3.71	3,606.68
MW - 2	07/11/02	3,629.43	22.11	26.21	4.10	3,606.71
MW - 2	07/16/02	3,629.43	22.22	25.30	3.08	3,606.75
MW - 2	08/21/02	3,629.43	22.11	26.18	4.07	3,606.71
MW - 2	08/27/02	3,629.43	22.09	26.19	4.10	3,606.73
MW - 2	09/05/02	3,629.43	22.22	25.29	3.07	3,606.75
MW - 2	09/10/02	3,629.43	22.35	24.70	2.35	3,606.73
MW - 2	10/03/02	3,629.43	22.34	24.53	2.19	3,606.76
MW - 2	10/08/02	3,629.43	22.29	24.58	2.29	3,606.80
MW - 2	10/14/02	3,629.43	22.24	24.99	2.75	3,606.78
MW - 2	11/15/02	3,629.43	22.22	25.29	3.07	3,606.75
MW - 2	12/27/02	3,629.43	22.05	26.18	4.13	3,606.76
MW - 2	01/07/03	3,629.43	22.14	25.55	3.41	3,606.78
MW - 2	03/05/03	3,629.43	22.05	26.51	4.46	3,606.71
MW - 2	03/06/03	3,629.43	22.26	25.03	2.77	3,606.75
MW - 2	03/12/03	3,629.43	22.14	25.76	3.62	3,606.75
MW - 2	03/20/03	3,629.43	22.46	24.60	2.14	3,606.65
MW - 2	03/27/03	3,629.43	22.19	25.26	3.07	3,606.78
MW - 2	04/03/03	3,629.43	22.21	25.05	2.84	3,606.79
MW - 2	04/16/03	3,629.43	22.16	24.56	2.40	3,606.91

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	05/13/03	3,629.43	22.30	24.78	2.48	3,606.76
MW - 2	05/15/03	3,629.43	22.36	26.09	3.73	3,606.51
MW - 2	05/21/03	3,629.43	22.21	25.98	3.77	3,606.65
MW - 2	05/28/03	3,629.43	22.30	25.49	3.19	3,606.65
MW - 2	06/05/03	3,629.43	22.23	25.32	3.09	3,606.74
MW - 2	07/10/03	3,629.43	22.30	26.13	3.83	3,606.56
MW - 2	07/31/03	3,629.43	22.15	26.08	3.93	3,606.69
MW - 2	08/06/03	3,629.43	22.47	25.56	3.09	3,606.50
MW - 2	08/13/03	3,629.43	22.57	25.55	2.98	3,606.41
MW - 2	08/22/03	3,629.43	22.25	26.30	4.05	3,606.57
MW - 2	08/25/03	3,629.43	22.52	25.62	3.10	3,606.45
MW - 2	09/11/03	3,629.43	22.62	24.31	1.69	3,606.56
MW - 2	09/30/03	3,629.43	22.11	26.40	4.29	3,606.68
MW - 2	10/06/03	3,629.43	22.24	25.35	3.11	3,606.72
MW - 2	10/14/03	3,629.43	22.47	26.23	3.76	3,606.40
MW - 2	10/21/03	3,629.43	22.55	25.61	3.06	3,606.42
MW - 2	10/27/03	3,629.43	22.57	25.34	2.77	3,606.44
MW - 2	11/06/03	3,629.43	22.35	25.33	2.98	3,606.63
MW - 2	11/10/03	3,629.43	22.72	25.20	2.48	3,606.34
MW - 2	11/17/03	3,629.43	22.35	25.13	2.78	3,606.66
MW - 2	12/04/03	3,629.43	22.24	26.02	3.78	3,606.62
MW - 2	12/15/03	3,629.43	22.13	25.52	3.39	3,606.79
MW - 2	12/22/03	3,629.43	22.12	25.84	3.72	3,606.75
MW - 2	12/31/03	3,629.43	22.09	26.07	3.98	3,606.74
MW - 2	01/27/04	3,629.43	22.41	25.21	2.80	3,606.60
MW - 2	02/03/04	3,629.43	22.32	25.19	2.87	3,606.68
MW - 2	02/10/04	3,629.43	22.05	26.44	4.39	3,606.72
MW - 2	02/18/04	3,629.43	22.03	26.86	4.83	3,606.68
MW - 2	02/26/04	3,629.43	22.34	25.89	3.55	3,606.56
MW - 2	03/04/04	3,629.43	22.26	26.27	4.01	3,606.57
MW - 2	03/11/04	3,629.43	22.31	26.45	4.14	3,606.50
MW - 2	03/16/04	3,629.43	22.61	26.85	4.24	3,606.18
MW - 2	03/19/04	3,629.43	23.10	25.42	2.32	3,605.98
MW - 2	03/23/04	3,629.43	23.15	25.38	2.23	3,605.95
MW - 2	03/30/04	3,629.43	22.47	26.75	4.28	3,606.32
MW - 2	04/07/04	3,629.43	22.69	25.71	3.02	3,606.29
MW - 2	04/13/04	3,629.43	22.70	26.17	3.47	3,606.21
MW - 2	04/20/04	3,629.43	22.08	25.80	3.72	3,606.79
MW - 2	04/27/04	3,629.43	21.14	25.23	4.09	3,607.68
MW - 2	05/25/04	3,629.43	22.08	25.79	3.71	3,606.79
MW - 2	06/03/04	3,629.43	22.06	25.94	3.88	3,606.79
MW - 2	06/17/04	3,629.43	22.06	26.16	4.10	3,606.76
MW - 2	06/23/04	3,629.43	22.05	26.22	4.17	3,606.75
MW - 2	06/25/04	3,629.43	22.08	26.25	4.17	3,606.72
MW - 2	07/01/04	3,629.43	22.11	26.08	3.97	3,606.72
MW - 2	07/12/04	3,629.43	22.03	26.37	4.34	3,606.75
MW - 2	07/15/04	3,629.43	22.02	26.39	4.37	3,606.75
MW - 2	07/21/04	3,629.43	22.03	26.43	4.40	3,606.74
MW - 2	08/02/04	3,629.43	22.01	26.49	4.48	3,606.75
MW - 2	08/11/04	3,629.43	22.03	26.51	4.48	3,606.73
MW - 2	08/13/04	3,629.43	22.05	26.49	4.44	3,606.71
MW - 2	08/16/04	3,629.43	22.02	26.58	4.56	3,606.73
MW - 2	08/19/04	3,629.43	22.05	26.60	4.55	3,606.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	08/26/04	3,629.43	22.16	25.70	3.54	3,606.74
MW - 2	08/31/04	3,629.43	22.26	25.15	2.89	3,606.74
MW - 2	09/13/04	3,629.43	22.25	25.17	2.92	3,606.74
MW - 2	09/21/04	3,629.43	22.28	25.10	2.82	3,606.73
MW - 2	09/29/04	3,629.43	21.22	24.03	2.81	3,607.79
MW - 2	10/05/04	3,629.43	21.52	24.86	3.34	3,607.41
MW - 2	10/12/04	3,629.43	21.39	25.30	3.91	3,607.45
MW - 2	10/19/04	3,629.43	21.63	24.85	3.22	3,607.32
MW - 2	10/25/04	3,629.43	21.75	24.55	2.80	3,607.26
MW - 2	11/01/04	3,629.43	21.97	24.50	2.53	3,607.08
MW - 2	11/09/04	3,629.43	21.80	24.11	2.31	3,607.28
MW - 2	11/16/04	3,629.43	22.22	24.45	2.23	3,606.88
MW - 2	11/22/04	3,629.43	21.67	23.93	2.26	3,607.42
MW - 2	11/29/04	3,629.43	21.79	23.99	2.20	3,607.31
MW - 2	12/10/04	3,629.43	21.32	24.30	2.98	3,607.66
MW - 2	12/13/04	3,629.43	21.32	24.30	2.98	3,607.66
MW - 2	12/20/04	3,629.43	21.47	25.00	3.53	3,607.43
MW - 2	12/27/04	3,629.43	21.56	24.45	2.89	3,607.44
MW - 2	01/10/05	3,629.43	21.41	24.67	3.26	3,607.53
MW - 2	01/17/05	3,629.43	21.72	24.76	3.04	3,607.25
MW - 2	01/24/05	3,629.43	21.73	24.78	3.05	3,607.24
MW - 2	01/31/05	3,629.43	21.80	24.62	2.82	3,607.21
MW - 2	02/07/05	3,629.43	21.84	24.56	2.72	3,607.18
MW - 2	02/14/05	3,629.43	21.89	24.50	2.61	3,607.15
MW - 2	02/21/05	3,629.43	21.93	24.45	2.52	3,607.12
MW - 2	02/28/05	3,629.43	21.95	24.42	2.47	3,607.11
MW - 2	03/07/05	3,629.43	22.00	24.47	2.47	3,607.06
MW - 2	03/14/05	3,629.43	21.97	24.45	2.48	3,607.09
MW - 2	03/16/05	3,629.43	21.88	24.30	2.42	3,607.19
MW - 2	03/21/05	3,629.43	21.98	24.40	2.42	3,607.09
MW - 2	03/28/05	3,629.43	21.93	24.83	2.90	3,607.07
MW - 2	04/04/05	3,629.43	21.95	24.66	2.71	3,607.07
MW - 2	04/13/05	3,629.43	22.03	24.41	2.38	3,607.04
MW - 2	04/18/05	3,629.43	22.00	24.25	2.25	3,607.09
MW - 2	05/23/05	3,629.43	22.00	24.81	2.81	3,607.01
MW - 2	06/02/05	3,629.43	22.09	24.80	2.71	3,606.93
MW - 2	06/07/05	3,629.43	21.98	24.99	3.01	3,607.00
MW - 2	06/13/05	3,629.43	22.05	24.47	2.42	3,607.02
MW - 2	06/14/05	3,629.43	22.05	24.47	2.42	3,607.02
MW - 2	06/21/05	3,629.43	22.04	24.95	2.91	3,606.95
MW - 2	06/28/05	3,629.43	22.06	24.60	2.54	3,606.99
MW - 2	07/13/05	3,629.43	22.13	24.41	2.28	3,606.96
MW - 2	07/19/05	3,629.43	22.10	24.30	2.20	3,607.00
MW - 2	07/26/05	3,629.43	22.10	24.80	2.70	3,606.93
MW - 2	08/01/05	3,629.43	22.15	24.47	2.32	3,606.93
MW - 2	08/10/05	3,629.43	22.13	24.56	2.43	3,606.94
MW - 2	08/15/05	3,629.43	22.14	24.31	2.17	3,606.96
MW - 2	08/24/05	3,629.43	22.12	24.53	2.41	3,606.95
MW - 2	08/30/05	3,629.43	22.12	24.35	2.23	3,606.98
MW - 2	09/07/05	3,629.43	22.10	24.48	2.38	3,606.97
MW - 2	09/12/05	3,629.43	22.11	24.21	2.10	3,607.01
MW - 2	09/13/05	3,629.43	22.12	24.34	2.22	3,606.98
MW - 2	09/20/05	3,629.43	22.16	24.40	2.24	3,606.93

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	09/26/05	3,629.43	22.10	24.84	2.74	3,606.92
MW - 2	10/07/05	3,629.43	22.10	24.80	2.70	3,606.93
MW - 2	10/11/05	3,629.43	22.13	24.50	2.37	3,606.94
MW - 2	10/18/05	3,629.43	22.11	24.70	2.59	3,606.93
MW - 2	10/25/05	3,629.43	22.05	24.75	2.70	3,606.98
MW - 2	11/01/05	3,629.43	22.08	25.67	3.59	3,606.81
MW - 2	11/14/05	3,629.43	22.13	24.37	2.24	3,606.96
MW - 2	11/23/05	3,629.43	22.20	24.30	2.10	3,606.92
MW - 2	11/28/05	3,629.43	22.06	25.33	3.27	3,606.88
MW - 2	12/06/05	3,629.43	22.10	24.68	2.58	3,606.94
MW - 2	12/07/05	3,629.43	21.11	24.78	3.67	3,607.77
MW - 2	12/12/05	3,629.43	22.21	24.30	2.09	3,606.91
MW - 2	12/19/05	3,629.43	22.29	24.39	2.10	3,606.83
MW - 2	12/28/05	3,629.43	22.35	24.48	2.13	3,606.76
MW - 2	01/04/06	3,629.43	22.30	24.58	2.28	3,606.79
MW - 2	01/10/06	3,629.43	22.20	24.80	2.60	3,606.84
MW - 2	01/17/06	3,629.43	22.18	24.73	2.55	3,606.87
MW - 2	01/26/06	3,629.43	22.20	24.75	2.55	3,606.85
MW - 2	01/31/06	3,629.43	22.15	24.70	2.55	3,606.90
MW - 2	02/07/06	3,629.43	22.20	24.63	2.43	3,606.87
MW - 2	02/13/06	3,629.43	22.23	24.60	2.37	3,606.84
MW - 2	02/22/06	3,629.43	22.24	24.69	2.45	3,606.82
MW - 2	02/27/06	3,629.43	22.20	24.65	2.45	3,606.86
MW - 2	03/07/06	3,629.43	22.19	24.75	2.56	3,606.86
MW - 2	03/10/06	3,629.43	22.19	24.37	2.18	3,606.91
MW - 2	03/15/06	3,629.43	22.21	24.69	2.48	3,606.85
MW - 2	03/22/06	3,629.43	22.10	24.85	2.75	3,606.92
MW - 2	03/29/06	3,629.43	22.15	24.84	2.69	3,606.88
MW - 2	04/03/06	3,629.43	22.24	24.36	2.12	3,606.87
MW - 2	04/11/06	3,629.43	22.19	24.58	2.39	3,606.88
MW - 2	04/18/06	3,629.43	22.19	24.60	2.41	3,606.88
MW - 2	04/25/06	3,629.43	22.23	24.51	2.28	3,606.86
MW - 2	05/02/06	3,629.43	22.20	25.02	2.82	3,606.81
MW - 2	05/10/06	3,629.43	22.16	24.98	2.82	3,606.85
MW - 2	05/16/06	3,629.43	22.23	24.58	2.35	3,606.85
MW - 2	05/23/06	3,629.43	22.15	24.96	2.81	3,606.86
MW - 2	05/31/06	3,629.43	22.23	24.72	2.49	3,606.83
MW - 2	06/06/06	3,629.43	22.19	25.03	2.84	3,606.81
MW - 2	06/09/06	3,629.43	22.26	24.43	2.17	3,606.84
MW - 2	06/13/06	3,629.43	22.22	24.83	2.61	3,606.82
MW - 2	06/20/06	3,629.43	22.22	24.70	2.48	3,606.84
MW - 2	07/05/06	3,629.43	22.18	25.14	2.96	3,606.81
MW - 2	07/18/06	3,629.43	22.17	25.09	2.92	3,606.82
MW - 2	07/26/06	3,629.43	22.21	24.86	2.65	3,606.82
MW - 2	07/31/06	3,629.43	22.24	24.54	2.30	3,606.85
MW - 2	08/08/06	3,629.43	22.25	22.64	0.39	3,607.12
MW - 2	08/18/06	3,629.43	22.12	24.72	2.60	3,606.92
MW - 2	08/22/06	3,629.43	23.67	24.86	1.19	3,605.58
MW - 2	09/12/06	3,629.43	21.04	24.14	3.10	3,607.93
MW - 2	09/16/06	3,629.43	21.06	24.36	3.30	3,607.88
MW - 2	10/31/06	3,629.43	21.54	25.55	4.01	3,607.29
MW - 2	11/15/06	3,629.43	22.96	25.10	2.14	3,606.15
MW - 2	11/28/06	3,629.43	21.73	25.29	3.56	3,607.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	01/31/07	3,629.43	21.88	25.56	3.68	3,607.00
MW - 2	02/07/07	3,629.43	21.99	24.93	2.94	3,607.00
MW - 2	02/22/07	3,629.43	22.04	25.09	3.05	3,606.93
MW - 2	03/07/07	3,629.43	21.56	25.36	3.80	3,607.30
MW - 2	03/27/07	3,629.43	22.10	24.53	2.43	3,606.97
MW - 2	04/02/07	3,629.43	22.18	24.38	2.20	3,606.92
MW - 2	04/11/07	3,629.43	22.11	24.55	2.44	3,606.95
MW - 2	04/16/07	3,629.43	22.12	24.17	2.05	3,607.00
MW - 2	04/23/07	3,629.43	22.15	24.29	2.14	3,606.96
MW - 2	04/27/07	3,629.43	22.21	23.92	1.71	3,606.96
MW - 2	04/30/07	3,629.43	22.23	23.60	1.37	3,606.99
MW - 2	05/17/07	3,629.43	22.12	24.63	2.51	3,606.93
MW - 2	05/18/07	3,629.43	21.07	24.69	3.62	3,607.82
MW - 2	06/07/07	3,629.43	22.07	24.90	2.83	3,606.94
MW - 2	06/12/07	3,629.43	22.17	24.20	2.03	3,606.96
MW - 2	06/20/07	3,629.43	22.19	24.33	2.14	3,606.92
MW - 2	06/29/07	3,629.43	22.17	24.34	2.17	3,606.93
MW - 2	07/02/07	3,629.43	22.24	23.94	1.70	3,606.94
MW - 2	07/11/07	3,629.43	22.19	24.24	2.05	3,606.93
MW - 2	07/18/07	3,629.43	22.21	24.16	1.95	3,606.93
MW - 2	07/24/07	3,629.43	22.25	23.87	1.62	3,606.94
MW - 2	08/01/07	3,629.43	22.24	24.12	1.88	3,606.91
MW - 2	08/09/07	3,629.43	22.22	24.11	1.89	3,606.93
MW - 2	08/14/07	3,629.43	22.26	23.83	1.57	3,606.93
MW - 2	08/21/07	3,629.43	22.24	24.03	1.79	3,606.92
MW - 2	08/25/07	3,629.43	22.21	24.34	2.13	3,606.90
MW - 2	08/29/07	3,629.43	22.29	23.75	1.46	3,606.92
MW - 2	09/05/07	3,629.43	22.26	23.93	1.67	3,606.92
MW - 2	09/18/07	3,629.43	22.19	24.44	2.25	3,606.90
MW - 2	09/26/07	3,629.43	22.21	24.22	2.01	3,606.92
MW - 2	10/03/07	3,629.43	22.22	24.32	2.10	3,606.90
MW - 2	10/10/07	3,629.43	22.20	24.10	1.90	3,606.95
MW - 2	10/17/07	3,629.43	22.18	24.31	2.13	3,606.93
MW - 2	11/07/07	3,629.43	22.10	24.76	2.66	3,606.93
MW - 2	11/16/07	3,629.43	22.17	24.44	2.27	3,606.92
MW - 2	11/26/07	3,629.43	22.21	24.35	2.14	3,606.90
MW - 2	11/30/07	3,629.43	22.15	24.59	2.44	3,606.91
MW - 2	12/07/07	3,629.43	22.19	24.22	2.03	3,606.94
MW - 2	12/18/07	3,629.43	22.19	24.43	2.24	3,606.90
MW - 2	01/18/08	3,629.43	22.12	24.96	2.84	3,606.88
MW - 2	01/23/08	3,629.43	22.18	23.75	1.57	3,607.01
MW - 2	02/13/08	3,629.43	22.13	24.90	2.77	3,606.88
MW - 2	02/21/08	3,629.43	22.20	24.68	2.48	3,606.86
MW - 2	02/26/08	3,629.43	22.22	24.54	2.32	3,606.86
MW - 2	03/14/08	3,629.43	22.18	24.77	2.59	3,606.86
MW - 2	03/20/08	3,629.43	22.23	24.47	2.24	3,606.86
MW - 2	04/04/08	3,629.43	22.19	24.76	2.57	3,606.85
MW - 2	04/10/08	3,629.43	22.23	24.45	2.22	3,606.87
MW - 2	04/17/08	3,629.43	22.20	24.76	2.56	3,606.85
MW - 2	04/24/08	3,629.43	22.24	24.55	2.31	3,606.84
MW - 2	05/01/08	3,629.43	22.28	24.42	2.14	3,606.83
MW - 2	05/08/08	3,629.43	26.26	24.35	-1.91	3,603.46
MW - 2	05/15/08	3,629.43	22.28	24.21	1.93	3,606.86

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	05/20/08	3,629.43	23.30	24.05	0.75	3,606.02
MW - 2	05/26/08	3,629.43	22.27	24.27	2.00	3,606.86
MW - 2	05/30/08	3,629.43	22.25	24.44	2.19	3,606.85
MW - 2	06/04/08	3,629.43	22.28	24.19	1.91	3,606.86
MW - 2	06/12/08	3,629.43	22.28	24.34	2.06	3,606.84
MW - 2	06/17/08	3,629.43	22.33	23.97	1.64	3,606.85
MW - 2	06/24/08	3,629.43	22.31	24.26	1.95	3,606.83
MW - 2	07/03/08	3,629.43	22.31	24.39	2.08	3,606.81
MW - 2	07/09/08	3,629.43	22.31	24.18	1.87	3,606.84
MW - 2	07/14/08	3,629.43	22.32	24.01	1.69	3,606.86
MW - 2	07/23/08	3,629.43	22.29	24.31	2.02	3,606.84
MW - 2	08/01/08	3,629.43	22.24	24.45	2.21	3,606.86
MW - 2	08/05/08	3,629.43	22.24	24.58	2.34	3,606.84
MW - 2	08/11/08	3,629.43	22.30	24.24	1.94	3,606.84
MW - 2	08/19/08	3,629.43	22.31	24.22	1.91	3,606.83
MW - 2	08/28/08	3,629.43	22.25	24.23	1.98	3,606.88
MW - 2	09/09/08	3,629.43	22.26	24.54	2.28	3,606.83
MW - 2	09/25/08	3,629.43	22.28	24.71	2.43	3,606.79
MW - 2	10/03/08	3,629.43	22.30	24.40	2.10	3,606.82
MW - 2	10/07/08	3,629.43	21.33	23.86	2.53	3,607.72
MW - 2	10/15/08	3,629.43	23.35	24.11	0.76	3,605.97
MW - 2	10/22/08	3,629.43	22.25	24.09	1.84	3,606.90
MW - 2	10/28/08	3,629.43	22.31	24.09	1.78	3,606.85
MW - 2	11/06/08	3,629.43	22.28	24.12	1.84	3,606.87
MW - 2	11/13/08	3,629.43	22.22	24.19	1.97	3,606.91
MW - 2	11/19/08	3,629.43	22.28	24.04	1.76	3,606.89
MW - 2	12/16/08	3,629.43	22.24	24.55	2.31	3,606.84
MW - 2	01/07/09	3,629.43	22.22	24.82	2.60	3,606.82
MW - 2	01/16/09	3,629.43	21.34	24.39	3.05	3,607.63
MW - 2	01/29/09	3,629.43	22.25	24.41	2.16	3,606.86
MW - 2	02/09/09	3,629.43	22.27	24.46	2.19	3,606.83
MW - 2	02/13/09	3,629.43	22.32	23.89	1.57	3,606.87
MW - 2	02/26/09	3,629.43	22.32	24.70	2.38	3,606.75
MW - 2	03/02/09	3,629.43	23.33	24.00	0.67	3,606.00
MW - 2	03/04/09	3,629.43	22.35	23.57	1.22	3,606.90
MW - 2	03/09/09	3,629.43	22.35	23.80	1.45	3,606.86
MW - 2	03/17/09	3,629.43	23.37	24.02	0.65	3,605.96
MW - 2	03/19/09	3,629.43	23.38	24.03	0.65	3,605.95
MW - 2	03/25/09	3,629.43	22.31	24.12	1.81	3,606.85
MW - 2	03/27/09	3,629.43	23.35	23.96	0.61	3,605.99
MW - 2	03/30/09	3,629.43	23.37	23.93	0.56	3,605.98
MW - 2	04/06/09	3,629.43	23.39	23.91	0.52	3,605.96
MW - 2	04/08/09	3,629.43	22.24	24.41	2.17	3,606.86
MW - 2	04/13/09	3,629.43	22.34	23.89	1.55	3,606.86
MW - 2	04/15/09	3,629.43	23.37	23.89	0.52	3,605.98
MW - 2	04/21/09	3,629.43	23.39	23.86	0.47	3,605.97
MW - 2	04/27/09	3,629.43	22.25	24.44	2.19	3,606.85
MW - 2	05/07/09	3,629.43	23.42	23.84	0.42	3,605.95
MW - 2	05/20/09	3,629.43	22.23	24.59	2.36	3,606.85
MW - 2	05/21/09	3,629.43	22.24	24.58	2.34	3,606.84
MW - 2	05/27/09	3,629.43	22.30	24.20	1.90	3,606.85
MW - 2	06/02/09	3,629.43	22.32	24.10	1.78	3,606.84
MW - 2	06/10/09	3,629.43	23.44	23.87	0.43	3,605.93

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	06/15/09	3,629.43	23.43	26.84	3.41	3,605.49
MW - 2	07/01/09	3,629.43	22.23	24.70	2.47	3,606.83
MW - 2	07/10/09	3,629.43	22.28	24.43	2.15	3,606.83
MW - 2	07/15/09	3,629.43	22.24	24.68	2.44	3,606.82
MW - 2	07/21/09	3,629.43	22.38	24.86	2.48	3,606.68
MW - 2	07/23/09	3,629.43	22.40	23.33	0.93	3,606.89
MW - 2	07/28/09	3,629.43	22.41	23.35	0.94	3,606.88
MW - 2	07/30/09	3,629.43	22.32	23.96	1.64	3,606.86
MW - 2	08/05/09	3,629.43	22.33	23.97	1.64	3,606.85
MW - 2	08/07/09	3,629.43	22.26	23.31	1.05	3,607.01
MW - 2	08/10/09	3,629.43	22.36	23.75	1.39	3,606.86
MW - 2	08/15/09	3,629.43	22.38	23.74	1.36	3,606.85
MW - 2	08/17/09	3,629.43	22.33	23.93	1.60	3,606.86
MW - 2	08/27/09	3,629.43	22.27	24.17	1.90	3,606.88
MW - 2	08/31/09	3,629.43	22.24	24.13	1.89	3,606.91
MW - 2	09/11/09	3,629.43	22.29	24.12	1.83	3,606.87
MW - 2	09/17/09	3,629.43	22.32	23.98	1.66	3,606.86
MW - 2	09/24/09	3,629.43	22.27	24.26	1.99	3,606.86
MW - 2	09/29/09	3,629.43	22.35	23.85	1.50	3,606.86
MW - 2	09/30/09	3,629.43	22.39	23.45	1.06	3,606.88
MW - 2	10/06/09	3,629.43	22.39	23.71	1.32	3,606.84
MW - 2	10/20/09	3,629.43	22.32	23.82	1.50	3,606.89
MW - 2	10/27/09	3,629.43	22.36	23.87	1.51	3,606.84
MW - 2	11/05/09	3,629.43	22.34	23.71	1.37	3,606.88
MW - 2	11/06/09	3,629.43	22.34	23.71	1.37	3,606.88
MW - 2	11/09/09	3,629.43	22.37	23.68	1.31	3,606.86
MW - 2	11/20/09	3,629.43	22.28	24.22	1.94	3,606.86
MW - 2	11/25/09	3,629.43	22.35	23.60	1.25	3,606.89
MW - 2	12/04/09	3,629.43	22.25	24.18	1.93	3,606.89
MW - 2	12/08/09	3,629.43	22.27	24.15	1.88	3,606.88
MW - 2	12/18/09	3,629.43	22.29	24.12	1.83	3,606.87
MW - 2	12/23/09	3,629.43	22.35	23.70	1.35	3,606.88
MW - 2	12/31/09	3,629.43	22.42	23.79	1.37	3,606.80
MW - 2	01/12/10	3,629.43	22.32	24.11	1.79	3,606.84
MW - 2	01/21/10	3,629.43	22.27	24.41	2.14	3,606.84
MW - 2	02/05/10	3,629.43	22.32	24.36	2.04	3,606.80
MW - 2	02/18/10	3,629.43	22.22	24.62	2.40	3,606.85
MW - 2	02/25/10	3,629.43	22.44	23.64	1.20	3,606.81
MW - 2	03/01/10	3,629.43	22.37	24.54	2.17	3,606.73
MW - 2	03/04/10	3,629.43	22.36	23.56	1.20	3,606.89
MW - 2	03/09/10	3,629.43	22.39	24.51	2.12	3,606.72
MW - 2	03/11/10	3,629.43	22.40	24.16	1.76	3,606.77
MW - 2	03/15/10	3,629.43	22.38	23.74	1.36	3,606.85
MW - 2	03/16/10	3,629.43	22.42	23.74	1.32	3,606.81
MW - 2	03/22/10	3,629.43	22.41	23.89	1.48	3,606.80
MW - 2	03/30/10	3,629.43	22.33	24.39	2.06	3,606.79
MW - 2	04/05/10	3,629.43	22.39	23.96	1.57	3,606.80
MW - 2	04/08/10	3,629.43	22.36	23.73	1.37	3,606.86
MW - 2	04/12/10	3,629.43	22.30	24.02	1.72	3,606.87
MW - 2	04/15/10	3,629.43	22.31	23.99	1.68	3,606.87
MW - 2	04/28/10	3,629.43	22.35	24.34	1.99	3,606.78
MW - 2	05/03/10	3,629.43	22.42	23.76	1.34	3,606.81
MW - 2	05/05/10	3,629.43	22.32	23.63	1.31	3,606.91

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	05/12/10	3,629.43	22.35	23.59	1.24	3,606.89
MW - 2	05/14/10	3,629.43	22.32	23.52	1.20	3,606.93
MW - 2	05/21/10	3,629.43	22.35	23.53	1.18	3,606.90
MW - 2	05/28/10	3,629.43	22.22	24.58	2.36	3,606.86
MW - 2	06/04/10	3,629.43	22.37	23.55	1.18	3,606.88
MW - 2	06/07/10	3,629.43	22.33	24.51	2.18	3,606.77
MW - 2	06/09/10	3,629.43	22.36	23.72	1.36	3,606.87
MW - 2	06/16/10	3,629.43	22.32	23.89	1.57	3,606.87
MW - 2	06/29/10	3,629.43	22.36	23.91	1.55	3,606.84
MW - 2	07/09/10	3,629.43	21.64	23.96	2.32	3,607.44
MW - 2	07/16/10	3,629.43	21.57	24.35	2.78	3,607.44
MW - 2	07/23/10	3,629.43	21.73	23.79	2.06	3,607.39
MW - 2	07/30/10	3,629.43	21.80	23.86	2.06	3,607.32
MW - 2	08/02/10	3,629.43	22.33	23.87	1.54	3,606.87
MW - 2	08/04/10	3,629.43	21.92	23.53	1.61	3,607.27
MW - 2	08/20/10	3,629.43	21.99	24.28	2.29	3,607.10
MW - 2	08/27/10	3,629.43	22.04	23.86	1.82	3,607.12
MW - 2	09/03/10	3,629.43	22.08	24.17	2.09	3,607.04
MW - 2	09/10/10	3,629.43	22.14	23.77	1.63	3,607.05
MW - 2	09/17/10	3,629.43	22.11	23.96	1.85	3,607.04
MW - 2	09/23/10	3,629.43	21.88	24.35	2.47	3,607.18
MW - 2	10/01/10	3,629.43	21.89	24.34	2.45	3,607.17
MW - 2	10/08/10	3,629.43	22.19	24.40	2.21	3,606.91
MW - 2	10/13/10	3,629.43	22.24	23.95	1.71	3,606.93
MW - 2	11/01/10	3,629.43	22.13	24.32	2.19	3,606.97
MW - 2	11/05/10	3,629.43	22.15	23.46	1.31	3,607.08
MW - 2	11/12/10	3,629.43	22.23	23.82	1.59	3,606.96
MW - 2	11/19/10	3,629.43	22.45	24.05	1.60	3,606.74
MW - 2	12/03/10	3,629.43	22.13	24.67	2.54	3,606.92
MW - 2	12/10/10	3,629.43	22.06	24.51	2.45	3,607.00
MW - 2	12/17/10	3,629.43	22.16	24.79	2.63	3,606.88
MW - 2	01/20/11	3,629.43	21.87	23.50	1.63	3,607.32
MW - 2	02/07/11	3,629.43	22.15	24.30	2.15	3,606.96
MW - 2	05/02/11	3,629.43	22.16	25.03	2.87	3,606.84
MW - 2	05/09/11	3,629.43	22.52	22.61	0.09	3,606.90
MW - 2	05/10/11	3,629.43	22.11	22.61	0.50	3,607.25
MW - 2	05/19/11	3,629.43	22.42	23.02	0.60	3,606.92
MW - 2	05/27/11	3,629.43	22.40	23.30	0.90	3,606.90
MW - 2	06/10/11	3,629.43	22.44	23.15	0.71	3,606.88
MW - 2	06/24/11	3,629.43	22.45	23.23	0.78	3,606.86
MW - 2	07/01/11	3,629.43	22.40	23.60	1.20	3,606.85
MW - 2	07/12/11	3,629.43	22.35	23.97	1.62	3,606.84
MW - 2	07/22/11	3,629.43	22.31	23.88	1.57	3,606.88
MW - 2	08/04/11	3,629.43	22.28	24.15	1.87	3,606.87
MW - 2	08/08/11	3,629.43	22.14	22.63	0.49	3,607.22
MW - 2	08/11/11	3,629.43	22.35	23.70	1.35	3,606.88
MW - 2	08/24/11	3,629.43	22.37	23.45	1.08	3,606.90
MW - 2	09/02/11	3,629.43	22.44	23.37	0.93	3,606.85
MW - 2	09/07/11	3,629.43	21.39	23.60	2.21	3,607.71
MW - 2	09/09/11	3,629.43	22.03	23.64	1.61	3,607.16
MW - 2	09/14/11	3,629.43	22.66	22.74	0.08	3,606.76
MW - 2	09/22/11	3,629.43	22.50	22.78	0.28	3,606.89
MW - 2	10/26/11	3,629.43	22.40	23.38	0.98	3,606.88

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	10/14/11	3,629.43	22.45	23.10	0.65	3,606.88
MW - 2	11/10/11	3,629.43	22.37	23.46	1.09	3,606.90
MW - 2	11/14/11	3,629.43	22.37	23.46	1.09	3,606.90
MW - 2	12/02/11	3,629.43	22.33	23.80	1.47	3,606.88
MW - 2	12/09/11	3,629.43	22.37	23.52	1.15	3,606.89
MW - 2	12/13/11	3,629.43	22.36	23.50	1.14	3,606.90
MW - 2	12/23/11	3,629.43	22.40	23.46	1.06	3,606.87
MW - 2	12/29/11	3,629.43	22.41	23.31	0.90	3,606.89
MW - 2	01/04/12	3,629.43	22.41	23.23	0.82	3,606.90
MW - 2	01/13/12	3,629.43	22.44	23.20	0.76	3,606.88
MW - 2	01/30/12	3,629.43	22.43	23.18	0.75	3,606.89
MW - 2	02/06/12	3,629.43	22.40	23.35	0.95	3,606.89
MW - 2	02/13/12	3,629.43	22.51	22.68	0.17	3,606.89
MW - 2	02/14/12	3,629.43	22.51	22.68	0.17	3,606.89
MW - 2	03/13/12	3,629.43	22.64	23.00	0.36	3,606.74
MW - 2	03/15/12	3,629.43	22.60	22.83	0.23	3,606.80
MW - 2	03/20/12	3,629.43	22.59	22.84	0.25	3,606.80
MW - 2	03/22/12	3,629.43	22.65	22.85	0.20	3,606.75
MW - 2	03/27/12	3,629.43	22.54	22.61	0.07	3,606.88
MW - 2	03/29/12	3,629.43	22.75	22.76	0.01	3,606.68
MW - 2	04/02/12	3,629.43	22.64	22.67	0.03	3,606.79
MW - 2	04/09/12	3,629.43	22.67	23.08	0.41	3,606.70
MW - 2	04/12/12	3,629.43	22.65	23.04	0.39	3,606.72
MW - 2	04/17/12	3,629.43	22.65	23.07	0.42	3,606.72
MW - 2	04/19/12	3,629.43	22.56	23.05	0.49	3,606.80
MW - 2	04/23/12	3,629.43	22.51	22.97	0.46	3,606.85
MW - 2	04/26/12	3,629.43	22.72	22.73	0.01	3,606.71
MW - 2	05/21/12	3,629.43	22.64	22.69	0.05	3,606.78
MW - 2	06/06/12	3,629.43	22.55	23.14	0.59	3,606.79
MW - 2	06/11/12	3,629.43	22.54	23.23	0.69	3,606.79
MW - 2	06/18/12	3,629.43	22.58	22.61	0.03	3,606.85
MW - 2	06/25/12	3,629.43	22.52	23.46	0.94	3,606.77
MW - 2	07/02/12	3,629.43	22.59	22.63	0.04	3,606.83
MW - 2	07/09/12	3,629.43	22.43	23.50	1.07	3,606.84
MW - 2	07/16/12	3,629.43	22.41	23.62	1.21	3,606.84
MW - 2	08/01/12	3,629.43	22.47	23.72	1.25	3,606.77
MW - 2	08/14/12	3,629.43	22.26	25.73	3.47	3,606.65
MW - 2	08/21/12	3,629.43	22.44	23.53	1.09	3,606.83
MW - 2	09/04/12	3,629.43	22.27	25.43	3.16	3,606.69
MW - 2	09/10/12	3,629.43	22.54	23.85	1.31	3,606.69
MW - 2	09/19/12	3,629.43	22.49	23.86	1.37	3,606.73
MW - 2	09/24/12	3,629.43	22.44	23.44	1.00	3,606.84
MW - 2	10/01/12	3,629.43	22.46	23.32	0.86	3,606.84
MW - 2	10/08/12	3,629.43	22.45	23.25	0.80	3,606.86
MW - 2	10/10/12	3,629.43	22.51	23.08	0.57	3,606.83
MW - 2	10/15/12	3,629.43	22.46	23.23	0.77	3,606.85
MW - 2	10/22/12	3,629.43	22.47	23.12	0.65	3,606.86
MW - 2	10/24/12	3,629.43	22.50	22.93	0.43	3,606.87
MW - 2	10/29/12	3,629.43	22.66	22.81	0.15	3,606.75
MW - 2	11/06/12	3,629.43	22.69	23.00	0.31	3,606.69
MW - 2	12/04/12	3,629.43	22.60	22.61	0.01	3,606.83
MW - 2	12/10/12	3,629.43	22.60	22.68	0.08	3,606.82
MW - 2	12/17/12	3,629.43	22.30	23.55	1.25	3,606.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	12/27/12	3,629.43	22.54	22.78	0.24	3,606.85
MW - 2	01/14/13	3,629.43	22.56	23.08	0.52	3,606.79
MW - 2	02/04/13	3,629.43	22.57	23.27	0.70	3,606.76
MW - 2	02/05/13	3,629.43	22.54	23.11	0.57	3,606.80
MW - 2	02/20/13	3,629.43	22.50	23.36	0.86	3,606.80
MW - 2	03/04/13	3,629.43	22.65	22.72	0.07	3,606.77
MW - 2	03/07/13	3,629.43	22.60	22.65	0.05	3,606.82
MW - 2	03/26/13	3,629.43	22.59	22.63	0.04	3,606.83
MW - 2	04/10/13	3,629.43	22.55	22.66	0.11	3,606.86
MW - 2	04/17/13	3,629.43	22.55	22.60	0.05	3,606.87
MW - 2	04/24/13	3,629.43	22.67	22.81	0.14	3,606.74
MW - 2	05/02/13	3,629.43	22.57	22.84	0.27	3,606.82
MW - 2	05/09/13	3,629.43	22.50	22.72	0.22	3,606.90
MW - 2	05/17/13	3,629.43	22.55	22.80	0.25	3,606.84
MW - 2	05/22/13	3,629.43	22.58	22.78	0.20	3,606.82
MW - 2	05/29/13	3,629.43	22.60	23.03	0.43	3,606.77
MW - 2	06/03/13	3,629.43	22.59	22.64	0.05	3,606.83
MW - 2	06/20/13	3,629.43	22.59	22.85	0.26	3,606.80
MW - 2	06/25/13	3,629.43	23.11	23.28	0.17	3,606.29
MW - 2	07/02/13	3,629.43	22.58	22.88	0.30	3,606.81
MW - 2	07/09/13	3,629.43	22.58	23.19	0.61	3,606.76
MW - 2	07/16/13	3,629.43	22.69	23.33	0.64	3,606.64
MW - 2	07/24/13	3,629.43	22.69	23.32	0.63	3,606.65
MW - 2	07/31/13	3,629.43	22.69	23.30	0.61	3,606.65
MW - 2	08/01/13	3,629.43	22.67	23.43	0.76	3,606.65
MW - 2	08/06/13	3,629.43	22.58	22.91	0.33	3,606.80
MW - 2	08/16/13	3,629.43	22.49	23.17	0.68	3,606.84
MW - 2	09/12/13	3,629.43	22.53	22.79	0.26	3,606.86
MW - 2	09/19/13	3,629.43	22.56	22.72	0.16	3,606.85
MW - 2	09/25/13	3,629.43	22.48	23.02	0.54	3,606.87
MW - 2	09/30/13	3,629.43	22.49	22.89	0.40	3,606.88
MW - 2	10/09/13	3,629.43	22.55	22.66	0.11	3,606.86
MW - 2	10/14/13	3,629.43	22.54	22.70	0.16	3,606.87
MW - 2	10/22/13	3,629.43	22.54	22.83	0.29	3,606.85
MW - 2	10/30/13	3,629.43	22.58	22.96	0.38	3,606.79
MW - 2	11/07/13	3,629.43	22.53	22.79	0.26	3,606.86
MW - 2	11/27/13	3,629.43	22.44	23.22	0.78	3,606.87
MW - 2	12/04/13	3,629.43	22.46	23.25	0.79	3,606.85
MW - 2	12/10/13	3,629.43	22.46	25.35	2.89	3,606.54
MW - 2	12/16/13	3,629.43	22.45	23.38	0.93	3,606.84
MW - 2	12/24/13	3,629.43	22.41	23.41	1.00	3,606.87
MW - 2	01/06/14	3,629.43	22.44	23.57	1.13	3,606.82
MW - 2	01/16/14	3,629.43	22.42	23.62	1.20	3,606.83
MW - 2	01/21/14	3,629.43	22.78	23.75	0.97	3,606.50
MW - 2	02/11/14	3,629.43	22.43	23.76	1.33	3,606.80
MW - 2	02/17/14	3,629.43	22.44	23.86	1.42	3,606.78
MW - 2	02/27/14	3,629.43	22.42	23.90	1.48	3,606.79
MW - 2	03/25/14	3,629.43	22.46	24.01	1.55	3,606.74
MW - 2	04/01/14	3,629.43	22.47	24.08	1.61	3,606.72
MW - 2	04/08/14	3,629.43	22.37	23.97	1.60	3,606.82
MW - 2	04/15/14	3,629.43	22.46	23.48	1.02	3,606.82
MW - 2	04/29/14	3,629.43	22.48	22.55	0.07	3,606.94
MW - 2	05/06/14	3,629.43	22.43	23.72	1.29	3,606.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	05/07/14	3,629.43	22.31	23.58	1.27	3,606.93
MW - 2	05/12/14	3,629.43	22.53	23.35	0.82	3,606.78
MW - 2	05/19/14	3,629.43	22.65	23.60	0.95	3,606.64
MW - 2	05/27/14	3,629.43	22.47	23.28	0.81	3,606.84
MW - 2	06/03/14	3,629.43	22.51	23.43	0.92	3,606.78
MW - 2	06/09/14	3,629.43	22.57	23.68	1.11	3,606.69
MW - 2	06/23/14	3,629.43	22.62	23.51	0.89	3,606.68
MW - 2	06/30/14	3,629.43	22.49	23.69	1.20	3,606.76
MW - 2	07/07/14	3,629.43	22.59	23.85	1.26	3,606.65
MW - 2	07/23/14	3,629.43	22.53	23.40	0.87	3,606.77
MW - 2	07/28/14	3,629.43	22.55	23.73	1.18	3,606.70
MW - 2	08/06/14	3,629.43	22.59	23.73	1.14	3,606.67
MW - 2	08/21/14	3,629.43	22.50	23.67	1.17	3,606.75
MW - 2	08/26/14	3,629.43	22.49	23.60	1.11	3,606.77
MW - 2	09/06/14	3,629.43	22.49	23.80	1.31	3,606.74
MW - 2	10/10/14	3,629.43	21.46	21.50	0.04	3,607.96
MW - 2	10/15/14	3,629.43	-	-	-	-
MW - 2	10/31/14	3,629.43	-	-	-	-
MW - 2	11/05/14	3,629.43	21.04	21.28	0.24	3,608.35
MW - 2	11/12/14	3,629.43	22.01	22.04	0.03	3,607.42
MW - 2	11/18/14	3,629.43	22.13	22.43	0.30	3,607.26
MW - 2	12/01/14	3,629.43	22.08	22.55	0.47	3,607.28
MW - 2	12/23/14	3,629.43	21.97	22.14	0.17	3,607.43
MW - 2	01/16/15	3,629.43	22.34	22.60	0.26	3,607.05
MW - 2	01/26/15	3,629.43	22.51	22.68	0.17	3,606.89
MW - 2	02/13/15	3,629.43	22.41	22.62	0.21	3,606.99
MW - 2	02/25/15	3,629.43	22.40	22.53	0.13	3,607.01
MW - 2	03/05/15	3,629.43	22.49	22.60	0.11	3,606.92
MW - 2	03/10/15	3,629.43	22.45	22.60	0.15	3,606.96
MW - 2	03/12/15	3,629.43	22.48	22.80	0.32	3,606.90
MW - 2	03/17/15	3,629.43	22.57	22.65	0.08	3,606.85
MW - 2	04/01/15	3,629.43	22.42	22.53	0.11	3,606.99
MW - 2	04/08/15	3,629.43	22.50	22.58	0.08	3,606.92
MW - 2	04/15/15	3,629.43	22.58	22.65	0.07	3,606.84
MW - 2	04/23/15	3,629.43	21.96	22.12	0.16	3,607.45
MW - 2	04/30/15	3,629.43	22.45	22.52	0.07	3,606.97
MW - 2	05/19/15	3,629.43	22.38	22.52	0.14	3,607.03
MW - 2	05/29/15	3,629.43	22.48	22.58	0.10	3,606.94
MW - 2	06/05/15	3,629.43	22.41	22.50	0.09	3,607.01
MW - 2	06/10/15	3,629.43	22.50	22.57	0.07	3,606.92
MW - 2	06/17/15	3,629.43	22.49	22.57	0.08	3,606.93
MW - 2	06/26/15	3,629.43	22.57	22.63	0.06	3,606.85
MW - 2	07/01/15	3,629.43	22.53	22.59	0.06	3,606.89
MW - 2	07/06/15	3,629.43	22.44	22.50	0.06	3,606.98
MW - 2	07/10/15	3,629.43	22.46	22.50	0.04	3,606.96
MW - 2	07/15/15	3,629.43	22.53	22.59	0.06	3,606.89
MW - 2	07/21/15	3,629.43	22.44	22.48	0.04	3,606.98
MW - 2	07/29/15	3,629.43	22.57	22.63	0.06	3,606.85
MW - 2	08/06/15	3,629.43	22.46	22.53	0.07	3,606.96
MW - 2	08/14/15	3,629.43	22.49	22.62	0.13	3,606.92
MW - 2	08/19/15	3,629.43	22.44	22.53	0.09	3,606.98
MW - 2	08/26/15	3,629.43	22.44	22.50	0.06	3,606.98
MW - 2	09/02/15	3,629.43	22.45	22.56	0.11	3,606.96

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	09/08/15	3,629.43	22.43	22.50	0.07	3,606.99
MW - 2	09/17/15	3,629.43	22.45	22.50	0.05	3,606.97
MW - 2	09/23/15	3,629.43	-	22.64	0.00	3,606.79
MW - 2	09/29/15	3,629.43	-	22.67	0.00	3,606.76
MW - 2	10/01/15	3,629.43	-	22.64	0.00	3,606.79
MW - 2	10/07/15	3,629.43	-	22.65	0.00	3,606.78
MW - 2	10/14/15	3,629.43	-	22.56	0.00	3,606.87
MW - 2	11/04/15	3,629.43	-	22.46	0.00	3,606.97
MW - 2	11/12/15	3,629.43	-	22.48	0.00	3,606.95
MW - 2	12/02/15	3,629.43	-	22.83	0.00	3,606.60
MW - 2	12/08/15	3,629.43	-	22.81	0.00	3,606.62
MW - 2	12/10/15	3,629.43	-	22.56	0.00	3,606.87
MW - 2	12/14/15	3,629.43	-	22.72	0.00	3,606.71
MW - 2	12/21/15	3,629.43	-	22.59	0.00	3,606.84
MW - 2	01/11/16	3,629.43	-	23.02	0.00	3,606.41
MW - 2	01/13/16	3,629.43	-	22.60	0.00	3,606.83
MW - 2	01/22/16	3,629.43	-	22.62	0.00	3,606.81
MW - 2	01/25/16	3,629.43	-	22.80	0.00	3,606.63
MW - 2	02/05/16	3,629.43	-	22.78	0.00	3,606.65
MW - 2	02/08/16	3,629.43	-	22.71	0.00	3,606.72
MW - 2	02/10/16	3,629.43	-	22.79	0.00	3,606.64
MW - 2	02/17/16	3,629.43	-	22.76	0.00	3,606.67
MW - 2	02/24/16	3,629.43	-	22.71	0.00	3,606.72
MW - 2	03/01/16	3,629.43	-	22.79	0.00	3,606.64
MW - 2	03/08/16	3,629.43	-	22.63	0.00	3,606.80
MW - 2	03/11/16	3,629.43	-	22.64	0.00	3,606.79
MW - 2	03/15/16	3,629.43	-	22.54	0.00	3,606.89
MW - 2	03/24/16	3,629.43	-	22.53	0.00	3,606.90
MW - 2	03/30/16	3,629.43	-	22.65	0.00	3,606.78
MW - 2	04/07/16	3,629.43	-	22.78	0.00	3,606.65
MW - 2	04/12/16	3,629.43	-	22.73	0.00	3,606.70
MW - 2	04/18/16	3,629.43	-	22.70	0.00	3,606.73
MW - 2	04/25/16	3,629.43	-	22.66	0.00	3,606.77
MW - 2	05/03/16	3,629.43	-	22.64	0.00	3,606.79
MW - 2	05/12/16	3,629.43	-	22.57	0.00	3,606.86
MW - 2	05/16/16	3,629.43	-	22.61	0.00	3,606.82
MW - 2	05/26/16	3,629.43	-	22.49	0.00	3,606.94
MW - 2	06/08/16	3,629.43	-	22.51	0.00	3,606.92
MW - 2	06/15/16	3,629.43	-	22.53	0.00	3,606.90
MW - 2	06/20/16	3,629.43	-	22.67	0.00	3,606.76
MW - 2	06/29/16	3,629.43	-	22.78	0.00	3,606.65
MW - 2	07/07/16	3,629.43	-	22.75	0.00	3,606.68
MW - 2	07/11/16	3,629.43	-	22.61	0.00	3,606.82
MW - 2	07/19/16	3,629.43	-	22.68	0.00	3,606.75
MW - 2	07/21/16	3,629.43	-	22.58	0.00	3,606.85
MW - 2	07/25/16	3,629.43	-	22.58	0.00	3,606.85
MW - 2	08/01/16	3,629.43	-	22.67	0.00	3,606.76
MW - 2	08/11/16	3,629.43	-	22.60	0.00	3,606.83
MW - 2	08/15/16	3,629.43	-	22.55	0.00	3,606.88
MW - 2	08/29/16	3,629.43	-	22.54	0.00	3,606.89
MW - 2	09/07/16	3,629.43	-	22.39	0.00	3,607.04
MW - 2	09/13/16	3,629.43	-	22.40	0.00	3,607.03
MW - 2	09/21/16	3,629.43	-	22.45	0.00	3,606.98

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	09/28/16	3,629.43	-	22.48	0.00	3,606.95
MW - 2	10/04/16	3,629.43	22.30	22.33	0.03	3,607.13
MW - 2	10/18/16	3,629.43	-	22.51	0.00	3,606.92
MW - 2	10/25/16	3,629.43	-	22.61	0.00	3,606.82
MW - 2	11/01/16	3,629.43	-	22.62	0.00	3,606.81
MW - 2	11/10/16	3,629.43	-	22.65	0.00	3,606.78
MW - 2	11/18/16	3,629.43	-	21.84	0.00	3,607.59
MW - 2	11/23/16	3,629.43	-	22.60	0.00	3,606.83
MW - 2	12/07/16	3,629.43	-	22.93	0.00	3,606.50
MW - 2	12/15/16	3,629.43	-	22.67	0.00	3,606.76
MW - 2	12/21/16	3,629.43	-	22.75	0.00	3,606.68
MW - 2	12/27/16	3,629.43	-	22.62	0.00	3,606.81
MW - 2	01/04/17	3,629.43	-	22.66	0.00	3,606.77
MW - 2	01/09/17	3,629.43	-	22.53	0.00	3,606.90
MW - 2	01/17/17	3,629.43	-	22.45	0.00	3,606.98
MW - 2	01/23/17	3,629.43	-	22.70	0.00	3,606.73
MW - 2	02/01/17	3,629.43	-	22.77	0.00	3,606.66
MW - 2	02/06/17	3,629.43	-	22.54	0.00	3,606.89
MW - 2	02/15/17	3,629.43	-	22.71	0.00	3,606.72
MW - 2	02/20/17	3,629.43	-	22.72	0.00	3,606.71
MW - 2	02/28/17	3,629.43	-	22.61	0.00	3,606.82
MW - 2	03/08/17	3,629.43	-	22.60	0.00	3,606.83
MW - 2	03/13/17	3,629.43	-	22.64	0.00	3,606.79
MW - 2	03/20/17	3,629.43	-	22.56	0.00	3,606.87
MW - 2	03/27/17	3,629.43	-	22.50	0.00	3,606.93
MW - 2	04/05/17	3,629.43	-	22.50	0.00	3,606.93
MW - 2	04/10/17	3,629.43	-	22.70	0.00	3,606.73
MW - 2	04/17/17	3,629.43	-	22.87	0.00	3,606.56
MW - 2	04/24/17	3,629.43	-	22.90	0.00	3,606.53
MW - 2	05/01/17	3,629.43	-	22.58	0.00	3,606.85
MW - 2	05/08/17	3,629.43	-	22.72	0.00	3,606.71
MW - 2	05/15/17	3,629.43	-	22.63	0.00	3,606.80
MW - 2	05/26/17	3,629.43	-	22.56	0.00	3,606.87
MW - 2	06/02/17	3,629.43	-	22.55	0.00	3,606.88
MW - 2	06/09/17	3,629.43	-	22.54	0.00	3,606.89
MW - 2	06/13/17	3,629.43	-	22.73	0.00	3,606.70
MW - 2	06/19/17	3,629.43	-	22.78	0.00	3,606.65
MW - 2	06/28/17	3,629.43	-	23.08	0.00	3,606.35
MW - 2	07/03/17	3,629.43	-	23.05	0.00	3,606.38
MW - 2	07/10/17	3,629.43	-	23.10	0.00	3,606.33
MW - 2	07/11/17	3,629.43	-	23.06	0.00	3,606.37
MW - 2	07/17/17	3,629.43	-	23.10	0.00	3,606.33
MW - 2	07/24/17	3,629.43	-	23.03	0.00	3,606.40
MW - 2	08/03/17	3,629.43	-	22.71	0.00	3,606.72
MW - 2	08/10/17	3,629.43	-	22.86	0.00	3,606.57
MW - 2	08/16/17	3,629.43	-	22.80	0.00	3,606.63
MW - 2	08/28/17	3,629.43	-	22.54	0.00	3,606.89
MW - 2	09/06/17	3,629.43	-	22.78	0.00	3,606.65
MW - 2	09/12/17	3,629.43	-	22.59	0.00	3,606.84
MW - 2	09/19/17	3,629.43	-	22.57	0.00	3,606.86
MW - 2	10/04/17	3,629.43	-	22.54	0.00	3,606.89
MW - 2	10/09/17	3,629.43	-	22.44	0.00	3,606.99
MW - 2	10/16/17	3,629.43	-	22.41	0.00	3,607.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	10/24/17	3,629.43	-	22.52	0.00	3,606.91
MW - 2	11/01/17	3,629.43	-	22.79	0.00	3,606.64
MW - 2	11/17/17	3,629.43	-	22.81	0.00	3,606.62
MW - 2	11/22/17	3,629.43	-	22.65	0.00	3,606.78
MW - 2	11/30/17	3,629.43	-	22.83	0.00	3,606.60
MW - 2	12/06/17	3,629.43	-	22.82	0.00	3,606.61
MW - 2	12/22/17	3,629.43	-	22.82	0.00	3,606.61
MW - 2	01/08/18	3,629.43	-	22.62	0.00	3,606.81
MW - 2	01/17/18	3,629.43	-	22.59	0.00	3,606.84
MW - 2	01/23/18	3,629.43	-	22.67	0.00	3,606.76
MW - 2	01/30/18	3,629.43	-	22.60	0.00	3,606.83
MW - 2	02/05/18	3,629.43	-	22.62	0.00	3,606.81
MW - 2	02/12/18	3,629.43	-	22.50	0.00	3,606.93
MW - 2	02/19/18	3,629.43	-	22.67	0.00	3,606.76
MW - 2	03/01/18	3,629.43	-	22.99	0.00	3,606.44
MW - 2	03/06/18	3,629.43	-	22.93	0.00	3,606.50
MW - 2	03/20/18	3,629.43	-	22.95	0.00	3,606.48
MW - 2	03/26/18	3,629.43	-	22.99	0.00	3,606.44
MW - 2	04/10/18	3,629.43	-	22.65	0.00	3,606.78
MW - 2	04/23/18	3,629.43	-	22.90	0.00	3,606.53
MW - 2	05/02/18	3,629.43	-	22.51	0.00	3,606.92
MW - 2	05/09/18	3,629.43	-	22.87	0.00	3,606.56
MW - 2	05/15/18	3,629.43	-	22.76	0.00	3,606.67
MW - 2	05/23/18	3,629.43	-	22.61	0.00	3,606.82
MW - 2	06/07/18	3,629.43	-	22.54	0.00	3,606.89
MW - 2	06/20/18	3,629.43	22.54	22.57	0.03	3,606.89
MW - 2	06/29/18	3,629.43	-	22.65	0.00	3,606.78
MW - 2	07/03/18	3,629.43	-	22.84	0.00	3,606.59
MW - 2	07/13/18	3,629.43	-	22.94	0.00	3,606.49
MW - 2	07/17/18	3,629.43	-	22.98	0.00	3,606.45
MW - 2	07/27/18	3,629.43	-	22.97	0.00	3,606.46
MW - 2	08/01/18	3,629.43	-	22.70	0.00	3,606.73
MW - 2	08/14/18	3,629.43	-	22.97	0.00	3,606.46
MW - 2	08/24/18	3,629.43	-	22.68	0.00	3,606.75
MW - 2	08/28/18	3,629.43	-	22.80	0.00	3,606.63
MW - 2	09/05/18	3,629.43	-	22.71	0.00	3,606.72
MW - 2	09/12/18	3,629.43	-	22.59	0.00	3,606.84
MW - 2	09/17/18	3,629.43	22.49	22.51	0.02	3,606.94
MW - 2	09/26/18	3,629.43	-	22.65	0.00	3,606.78
MW - 2	10/02/18	3,629.43	-	22.65	0.00	3,606.78
MW - 2	10/12/18	3,629.43	-	22.71	0.00	3,606.72
MW - 2	10/16/18	3,629.43	-	22.90	0.00	3,606.53
MW - 2	10/23/18	3,629.43	-	22.67	0.00	3,606.76
MW - 2	11/14/18	3,629.43	-	22.44	0.00	3,606.99
MW - 2	12/10/18	3,629.43	-	22.54	0.00	3,606.89
MW - 2	12/26/18	3,629.43	-	22.66	0.00	3,606.77
MW - 2	01/10/19	3,629.43	-	22.68	0.00	3,606.75
MW - 2	01/23/19	3,629.43	-	22.63	0.00	3,606.80
MW - 2	02/11/19	3,629.43	-	22.48	0.00	3,606.95
MW - 2	03/14/19	3,629.43	-	22.92	0.00	3,606.51
MW - 2	03/28/19	3,629.43	-	22.80	0.00	3,606.63
MW - 2	04/10/19	3,629.43	-	22.92	0.00	3,606.51
MW - 2	04/25/19	3,629.43	-	22.75	0.00	3,606.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	05/07/19	3,629.43	-	22.70	0.00	3,606.73
MW - 2	05/24/19	3,629.43	-	22.77	0.00	3,606.66
MW - 2	06/14/19	3,629.43	-	22.62	0.00	3,606.81
MW - 2	06/26/19	3,629.43	-	22.61	0.00	3,606.82
MW - 2	07/30/19	3,629.43	-	22.62	0.00	3,606.81
MW - 2	08/19/19	3,629.43	-	22.58	0.00	3,606.85
MW - 2	09/16/19	3,629.43	-	22.55	0.00	3,606.88
MW - 2	11/18/19	3,629.43	-	22.65	0.00	3,606.78
MW - 2	12/27/19	3,629.43	-	22.81	0.00	3,606.62
MW - 2	01/20/20	3,629.43	-	22.66	0.00	3,606.77
MW - 2	02/12/20	3,629.43	-	22.70	0.00	3,606.73
MW - 2	05/12/20	3,629.43	-	22.69	0.00	3,606.74
MW - 2	06/04/20	3,629.43	-	22.80	0.00	3,606.63
MW - 2	07/31/20	3,629.43	-	22.73	0.00	3,606.70
MW - 2	08/17/20	3,629.43	-	22.72	0.00	3,606.71
MW - 2	09/08/20	3,629.43	-	22.95	0.00	3,606.48
MW - 2	10/07/20	3,629.43	-	22.80	0.00	3,606.63
MW - 2	10/28/20	3,629.43	-	22.73	0.00	3,606.70
MW - 2	11/18/20	3,629.43	-	22.75	0.00	3,606.68
MW - 2	12/22/20	3,629.43	-	22.82	0.00	3,606.61
MW - 2	01/18/21	3,629.43	-	22.71	0.00	3,606.72
MW - 2	02/03/21	3,629.43	-	22.76	0.00	3,606.67
MW - 2	02/08/21	3,629.43	-	22.62	0.00	3,606.81
MW - 2	03/03/21	3,629.43	-	22.75	0.00	3,606.68
MW - 2	04/14/21	3,629.43	22.57	22.63	0.06	3,606.85
MW - 2	04/26/21	3,629.43	-	22.74	0.00	3,606.69
MW - 2	05/06/21	3,629.43	-	22.68	0.00	3,606.75
MW - 2	05/18/21	3,629.43	-	22.76	0.00	3,606.67
MW - 2	06/08/21	3,629.43	-	22.87	0.00	3,606.56
MW - 2	07/08/21	3,629.43	-	22.72	0.00	3,606.71
MW - 2	07/14/21	3,629.43	-	22.82	0.00	3,606.61
MW - 2	08/09/21	3,629.43	-	22.86	0.00	3,606.57
MW - 2	08/16/21	3,629.43	-	22.75	0.00	3,606.68
MW - 2	09/08/21	3,629.43	-	22.78	0.00	3,606.65
MW - 2	10/05/21	3,629.43	-	22.84	0.00	3,606.59
MW - 2	10/11/21	3,629.43	-	22.58	0.00	3,606.85
MW - 2	11/01/21	3,629.43	-	22.62	0.00	3,606.81
MW - 2	11/29/21	3,629.43	-	22.72	0.00	3,606.71
MW - 2	01/04/22	3,629.43	-	22.62	0.00	3,606.81
MW - 2	01/10/22	3,629.43	-	22.69	0.00	3,606.74
MW - 2	02/01/22	3,629.43	-	22.72	0.00	3,606.71
MW - 2	02/28/22	3,629.43	-	22.81	0.00	3,606.62
MW - 2	03/22/22	3,629.43	22.59	22.63	0.04	3,606.83
MW - 2	04/04/22	3,629.43	22.68	22.73	0.05	3,606.74
MW - 2	04/15/22	3,629.43	22.56	22.65	0.09	3,606.86
MW - 2	05/05/22	3,629.43	22.65	22.69	0.04	3,606.77
MW - 2	06/07/22	3,629.43	22.60	22.74	0.14	3,606.81
MW - 2	06/09/22	3,629.43	22.59	22.70	0.11	3,606.82
MW - 2	07/15/22	3,629.43	22.67	22.91	0.24	3,606.72
MW - 2	08/15/22	3,629.43	22.68	23.03	0.35	3,606.70
MW - 2	08/31/22	3,629.43	22.69	22.73	0.04	3,606.73
MW - 2	10/04/22	3,629.43	22.59	23.08	0.49	3,606.77
MW - 2	11/03/22	3,629.43	22.56	22.67	0.11	3,606.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	11/17/22	3,629.43	22.62	22.72	0.10	3,606.80
MW - 2	12/07/22	3,629.43	22.63	22.70	0.07	3,606.79
MW - 2	01/03/23	3,629.43	22.58	22.62	0.04	3,606.84
MW - 2	01/30/23	3,629.43	22.59	22.70	0.11	3,606.82
MW - 2	02/22/23	3,629.43	22.67	22.71	0.04	3,606.75
MW - 2	03/10/23	3,629.43	22.59	22.64	0.05	3,606.83
MW - 2	03/20/23	3,629.43	-	26.68	0.00	3,602.75
MW - 2	04/03/23	3,629.43	-	22.72	0.00	3,606.71
MW - 2	04/18/23	3,629.43	-	22.71	0.00	3,606.72
MW - 2	05/17/23	3,629.43	22.69	22.72	0.03	3,606.74
MW - 2	05/18/23	3,629.43	22.69	22.72	0.03	3,606.74
MW - 2	05/26/23	3,629.43	-	22.63	0.00	3,606.80
MW - 2	06/02/23	3,629.43	-	22.76	0.00	3,606.67
MW - 2	07/10/23	3,629.43	-	22.95	0.00	3,606.48
MW - 2	07/21/23	3,629.43	-	22.99	0.00	3,606.44
MW - 2	08/01/23	3,629.43	-	22.88	0.00	3,606.55
MW - 2	10/17/23	3,629.43	20.70	22.72	0.02	3,606.73
MW - 2	11/02/23	3,629.43	-	22.62	0.02	3,606.83
MW - 2	11/14/23	3,629.43	-	22.62	0.00	3,606.81
MW - 2	11/22/23	3,629.43	-	22.80	0.00	3,606.63
MW - 2	01/05/24	3,629.43	-	22.73	0.00	3,606.70
MW - 2	01/18/24	3,629.43	-	22.77	0.00	3,606.66
MW - 2	02/07/24	3,629.43	-	22.70	0.00	3,606.73
MW - 2	02/13/24	3,629.43	-	22.66	0.00	3,606.77
MW - 2	03/08/24	3,629.43	-	22.58	0.00	3,606.85
MW - 2	03/20/24	3,629.43	-	22.67	0.00	3,606.76
MW - 2	04/03/24	3,629.43	-	22.76	0.00	3,606.67
MW - 2	04/19/24	3,629.43	-	22.67	0.00	3,606.76
MW - 2	05/07/24	3,629.43	-	22.57	0.00	3,606.86
MW - 2	06/07/24	3,629.43	22.61	22.63	0.02	3,606.82
MW - 2	07/09/24	3,629.43	22.62	22.72	0.10	3,606.80
MW - 2	07/24/24	3,629.43	22.62	22.66	0.04	3,606.80
MW - 2	08/16/24	3,629.43	22.68	22.78	0.10	3,606.74
MW - 2	08/23/24	3,629.43	22.65	22.71	0.06	3,606.77
MW - 2	08/27/24	3,629.43	22.62	22.66	0.04	3,606.80
MW - 2	09/20/24	3,629.43	22.72	22.85	0.04	3,606.61
MW - 2	10/18/24	3,629.43	-	22.77	0.00	3,606.66
MW - 2	10/25/24	3,629.43	22.66	22.69	0.04	3,606.77
MW - 2	11/11/24	3,629.43	22.62	22.66	0.04	3,606.80
MW - 3	05/02/97	3,629.17	-	24.85	3.85	3,604.32
MW - 3	03/06/00	3,628.90	21.73	27.76	6.03	3,606.27
MW - 3	05/16/00	3,628.90	21.73	27.74	6.01	3,606.27
MW - 3	08/31/00	3,628.90	21.75	27.81	6.06	3,606.24
MW - 3	11/17/00	3,628.90	21.78	27.33	5.55	3,606.29
MW - 3	03/07/01	3,628.90	21.90	24.10	2.20	3,606.67
MW - 3	05/30/01	3,628.90	21.88	25.85	3.97	3,606.42
MW - 3	08/27/01	3,628.90	22.18	24.97	2.79	3,606.30
MW - 3	10/12/01	3,628.90	21.92	26.10	4.18	3,606.35
MW - 3	02/25/02	3,628.90	21.76	27.26	5.50	3,606.32
MW - 3	03/18/02	3,628.90	21.78	27.50	5.72	3,606.26
MW - 3	03/28/02	3,628.90	21.80	26.81	5.01	3,606.35
MW - 3	04/03/02	3,628.90	21.89	26.51	4.62	3,606.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	04/12/02	3,628.90	21.91	26.35	4.44	3,606.32
MW - 3	04/16/02	3,628.90	22.03	25.64	3.61	3,606.33
MW - 3	05/03/02	3,628.90	21.90	26.21	4.31	3,606.35
MW - 3	05/10/02	3,628.90	21.96	26.04	4.08	3,606.33
MW - 3	05/13/02	3,628.90	22.03	25.56	3.53	3,606.34
MW - 3	05/24/02	3,628.90	21.96	26.31	4.35	3,606.29
MW - 3	06/10/02	3,628.90	22.11	26.32	4.21	3,606.16
MW - 3	06/19/02	3,628.90	21.93	26.93	5.00	3,606.22
MW - 3	07/03/02	3,628.90	21.95	26.67	4.72	3,606.24
MW - 3	07/11/02	3,628.90	21.62	26.81	5.19	3,606.50
MW - 3	07/16/02	3,628.90	21.94	26.25	4.31	3,606.31
MW - 3	08/21/02	3,628.90	21.87	26.77	4.90	3,606.30
MW - 3	08/27/02	3,628.90	21.91	26.53	4.62	3,606.30
MW - 3	09/05/02	3,628.90	21.95	26.22	4.27	3,606.31
MW - 3	09/10/02	3,628.90	22.06	25.68	3.62	3,606.30
MW - 3	10/03/02	3,628.90	22.14	25.11	2.97	3,606.31
MW - 3	10/08/02	3,628.90	22.02	25.88	3.86	3,606.30
MW - 3	10/14/02	3,628.90	22.00	26.12	4.12	3,606.28
MW - 3	11/15/02	3,628.90	21.96	26.14	4.18	3,606.31
MW - 3	12/27/02	3,628.90	21.85	26.63	4.78	3,606.33
MW - 3	01/07/03	3,628.90	21.87	26.34	4.47	3,606.36
MW - 3	03/05/03	3,628.90	21.83	26.87	5.04	3,606.31
MW - 3	03/06/03	3,628.90	22.08	25.33	3.25	3,606.33
MW - 3	03/12/03	3,628.90	21.90	26.42	4.52	3,606.32
MW - 3	03/20/03	3,628.90	22.19	26.64	4.45	3,606.04
MW - 3	03/27/03	3,628.90	21.92	26.05	4.13	3,606.36
MW - 3	04/03/03	3,628.90	21.94	25.81	3.87	3,606.38
MW - 3	04/16/03	3,628.90	21.93	26.26	4.33	3,606.32
MW - 3	05/13/03	3,628.90	22.10	25.54	3.44	3,606.28
MW - 3	05/15/03	3,628.90	23.16	24.87	1.71	3,605.48
MW - 3	05/21/03	3,628.90	22.03	26.45	4.42	3,606.21
MW - 3	05/28/03	3,628.90	22.04	26.25	4.21	3,606.23
MW - 3	06/05/03	3,628.90	22.02	26.03	4.01	3,606.28
MW - 3	07/10/03	3,628.90	22.07	26.67	4.60	3,606.14
MW - 3	07/31/03	3,628.90	21.93	26.59	4.66	3,606.27
MW - 3	08/06/03	3,628.90	22.17	26.38	4.21	3,606.10
MW - 3	08/13/03	3,628.90	22.25	26.30	4.05	3,606.04
MW - 3	08/22/03	3,628.90	23.91	24.33	0.42	3,604.93
MW - 3	08/25/03	3,628.90	22.26	26.33	4.07	3,606.03
MW - 3	09/11/03	3,628.90	22.49	24.46	1.97	3,606.11
MW - 3	09/30/03	3,628.90	21.88	26.76	4.88	3,606.29
MW - 3	10/06/03	3,628.90	22.00	26.15	4.15	3,606.28
MW - 3	10/14/03	3,628.90	22.25	26.76	4.51	3,605.97
MW - 3	10/21/03	3,628.90	22.30	26.38	4.08	3,605.99
MW - 3	10/27/03	3,628.90	22.33	25.99	3.66	3,606.02
MW - 3	11/06/03	3,628.90	22.13	25.96	3.83	3,606.20
MW - 3	11/10/03	3,628.90	22.47	25.76	3.29	3,605.94
MW - 3	11/17/03	3,628.90	22.12	25.70	3.58	3,606.24
MW - 3	12/04/03	3,628.90	22.05	26.35	4.30	3,606.21
MW - 3	12/15/03	3,628.90	21.97	26.08	4.11	3,606.31
MW - 3	12/22/03	3,628.90	21.92	26.24	4.32	3,606.33
MW - 3	12/31/03	3,628.90	21.88	26.40	4.52	3,606.34
MW - 3	01/27/04	3,628.90	22.01	25.80	3.79	3,606.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	02/03/04	3,628.90	21.94	25.72	3.78	3,606.39
MW - 3	02/10/04	3,628.90	21.88	26.63	4.75	3,606.31
MW - 3	02/18/04	3,628.90	22.16	25.83	3.67	3,606.19
MW - 3	02/26/04	3,628.90	22.07	26.65	4.58	3,606.14
MW - 3	03/04/04	3,628.90	22.04	26.83	4.79	3,606.14
MW - 3	03/11/04	3,628.90	22.07	26.97	4.90	3,606.10
MW - 3	03/16/04	3,628.90	22.37	27.30	4.93	3,605.79
MW - 3	03/19/04	3,628.90	22.56	26.20	3.64	3,605.79
MW - 3	03/23/04	3,628.90	22.51	26.15	3.64	3,605.84
MW - 3	03/30/04	3,628.90	22.70	26.10	3.40	3,605.69
MW - 3	04/07/04	3,628.90	22.46	26.05	3.59	3,605.90
MW - 3	04/13/04	3,628.90	22.55	26.51	3.96	3,605.76
MW - 3	04/20/04	3,628.90	21.87	26.12	4.25	3,606.39
MW - 3	04/27/04	3,628.90	21.91	25.83	3.92	3,606.40
MW - 3	05/25/04	3,628.90	21.88	26.20	4.32	3,606.37
MW - 3	06/03/04	3,628.90	21.87	26.42	4.55	3,606.35
MW - 3	06/17/04	3,628.90	21.86	26.62	4.76	3,606.33
MW - 3	06/23/04	3,628.90	21.84	26.65	4.81	3,606.34
MW - 3	06/25/04	3,628.90	21.88	26.69	4.81	3,606.30
MW - 3	07/01/04	3,628.90	21.92	26.53	4.61	3,606.29
MW - 3	07/12/04	3,628.90	21.84	26.81	4.97	3,606.31
MW - 3	07/15/04	3,628.90	21.83	26.88	5.05	3,606.31
MW - 3	07/21/04	3,628.90	21.83	26.88	5.05	3,606.31
MW - 3	08/02/04	3,628.90	21.81	26.90	5.09	3,606.33
MW - 3	08/11/04	3,628.90	21.83	26.69	4.86	3,606.34
MW - 3	08/13/04	3,628.90	21.88	26.94	5.06	3,606.26
MW - 3	08/16/04	3,628.90	21.83	27.00	5.17	3,606.29
MW - 3	08/19/04	3,628.90	21.82	27.06	5.24	3,606.29
MW - 3	08/26/04	3,628.90	22.88	26.50	3.62	3,605.48
MW - 3	08/31/04	3,628.90	22.03	26.09	4.06	3,606.26
MW - 3	09/13/04	3,628.90	21.96	25.86	3.90	3,606.36
MW - 3	09/21/04	3,628.90	22.00	25.85	3.85	3,606.32
MW - 3	09/29/04	3,628.90	21.58	24.35	2.77	3,606.90
MW - 3	10/05/04	3,628.90	21.21	24.30	3.09	3,607.23
MW - 3	10/12/04	3,628.90	21.25	24.45	3.20	3,607.17
MW - 3	10/19/04	3,628.90	21.43	24.72	3.29	3,606.98
MW - 3	10/25/04	3,628.90	21.60	24.69	3.09	3,606.84
MW - 3	11/01/04	3,628.90	22.56	25.66	3.10	3,605.88
MW - 3	11/09/04	3,628.90	22.40	24.99	2.59	3,606.11
MW - 3	11/16/04	3,628.90	21.64	25.50	3.86	3,606.68
MW - 3	11/22/04	3,628.90	21.04	24.86	3.82	3,607.29
MW - 3	11/29/04	3,628.90	21.36	24.61	3.25	3,607.05
MW - 3	12/10/04	3,628.90	21.04	24.70	3.66	3,607.31
MW - 3	12/13/04	3,628.90	21.04	24.70	3.66	3,607.31
MW - 3	12/20/04	3,628.90	21.10	25.27	4.17	3,607.17
MW - 3	12/27/04	3,628.90	21.29	24.93	3.64	3,607.06
MW - 3	01/10/05	3,628.90	21.69	24.97	3.28	3,606.72
MW - 3	01/17/05	3,628.90	21.40	25.10	3.70	3,606.95
MW - 3	01/24/05	3,628.90	21.47	25.13	3.66	3,606.88
MW - 3	01/31/05	3,628.90	21.53	25.15	3.62	3,606.83
MW - 3	02/07/05	3,628.90	21.55	25.13	3.58	3,606.81
MW - 3	02/14/05	3,628.90	21.62	25.10	3.48	3,606.76
MW - 3	02/21/05	3,628.90	21.64	25.14	3.50	3,606.74

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	02/28/05	3,628.90	21.69	25.13	3.44	3,606.69
MW - 3	03/07/05	3,628.90	21.76	25.05	3.29	3,606.65
MW - 3	03/14/05	3,628.90	21.70	25.00	3.30	3,606.71
MW - 3	03/16/05	3,628.90	21.56	25.08	3.52	3,606.81
MW - 3	03/21/05	3,628.90	21.71	25.00	3.29	3,606.70
MW - 3	03/28/05	3,628.90	21.69	25.08	3.39	3,606.70
MW - 3	04/04/05	3,628.90	21.73	25.09	3.36	3,606.67
MW - 3	04/13/05	3,628.90	21.75	25.01	3.26	3,606.66
MW - 3	04/18/05	3,628.90	21.76	25.06	3.30	3,606.65
MW - 3	05/23/05	3,628.90	21.72	25.52	3.80	3,606.61
MW - 3	06/02/05	3,628.90	21.81	25.40	3.59	3,606.55
MW - 3	06/07/05	3,628.90	21.72	25.70	3.98	3,606.58
MW - 3	06/13/05	3,628.90	21.76	25.43	3.67	3,606.59
MW - 3	06/14/05	3,628.90	21.76	25.43	3.67	3,606.59
MW - 3	06/21/05	3,628.90	21.74	25.70	3.96	3,606.57
MW - 3	06/28/05	3,628.90	21.81	25.54	3.73	3,606.53
MW - 3	07/13/05	3,628.90	21.84	25.12	3.28	3,606.57
MW - 3	07/19/05	3,628.90	21.93	25.15	3.22	3,606.49
MW - 3	07/26/05	3,628.90	21.82	25.40	3.58	3,606.54
MW - 3	08/01/05	3,628.90	21.87	25.33	3.46	3,606.51
MW - 3	08/10/05	3,628.90	21.86	25.45	3.59	3,606.50
MW - 3	08/15/05	3,628.90	21.90	25.16	3.26	3,606.51
MW - 3	08/24/05	3,628.90	21.87	25.30	3.43	3,606.52
MW - 3	08/30/05	3,628.90	21.88	25.11	3.23	3,606.54
MW - 3	09/07/05	3,628.90	21.86	25.14	3.28	3,606.55
MW - 3	09/12/05	3,628.90	21.89	25.00	3.11	3,606.54
MW - 3	09/13/05	3,628.90	21.85	25.08	3.23	3,606.57
MW - 3	09/20/05	3,628.90	21.90	25.09	3.19	3,606.52
MW - 3	09/26/05	3,628.90	21.84	25.50	3.66	3,606.51
MW - 3	10/07/05	3,628.90	21.87	25.44	3.57	3,606.49
MW - 3	10/11/05	3,628.90	21.90	25.30	3.40	3,606.49
MW - 3	10/18/05	3,628.90	21.86	25.25	3.39	3,606.53
MW - 3	10/25/05	3,628.90	21.86	25.27	3.41	3,606.53
MW - 3	11/01/05	3,628.90	22.06	25.31	3.25	3,606.35
MW - 3	11/14/05	3,628.90	21.90	25.07	3.17	3,606.52
MW - 3	11/23/05	3,628.90	21.99	25.00	3.01	3,606.46
MW - 3	11/28/05	3,628.90	21.80	25.76	3.96	3,606.51
MW - 3	12/06/05	3,628.90	21.86	25.34	3.48	3,606.52
MW - 3	12/07/05	3,628.90	21.91	24.43	2.52	3,606.61
MW - 3	12/12/05	3,628.90	22.01	25.01	3.00	3,606.44
MW - 3	12/28/05	3,628.90	22.11	25.25	3.14	3,606.32
MW - 3	12/29/05	3,628.90	22.11	25.15	3.04	3,606.33
MW - 3	01/04/06	3,628.90	22.07	25.09	3.02	3,606.38
MW - 3	01/10/06	3,628.90	22.05	25.53	3.48	3,606.33
MW - 3	01/17/06	3,628.90	21.90	25.50	3.60	3,606.46
MW - 3	01/26/06	3,628.90	21.94	25.47	3.53	3,606.43
MW - 3	01/31/06	3,628.90	21.89	25.40	3.51	3,606.48
MW - 3	02/07/06	3,628.90	21.90	25.51	3.61	3,606.46
MW - 3	02/13/06	3,628.90	21.93	25.45	3.52	3,606.44
MW - 3	02/22/06	3,628.90	21.95	25.33	3.38	3,606.44
MW - 3	02/27/06	3,628.90	21.90	25.25	3.35	3,606.50
MW - 3	03/07/06	3,628.90	22.01	25.52	3.51	3,606.36
MW - 3	03/10/06	3,628.90	21.94	25.18	3.24	3,606.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	03/15/06	3,628.90	22.06	25.41	3.35	3,606.34
MW - 3	03/22/06	3,628.90	21.95	25.55	3.60	3,606.41
MW - 3	03/29/06	3,628.90	21.87	25.69	3.82	3,606.46
MW - 3	04/03/06	3,628.90	21.95	25.34	3.39	3,606.44
MW - 3	04/11/06	3,628.90	21.90	25.46	3.56	3,606.47
MW - 3	04/18/06	3,628.90	21.92	25.43	3.51	3,606.45
MW - 3	04/25/06	3,628.90	21.96	25.41	3.45	3,606.42
MW - 3	05/02/06	3,628.90	21.94	25.87	3.93	3,606.37
MW - 3	05/10/06	3,628.90	21.89	25.71	3.82	3,606.44
MW - 3	05/16/06	3,628.90	21.93	24.89	2.96	3,606.53
MW - 3	05/23/06	3,628.90	21.85	25.72	3.87	3,606.47
MW - 3	05/31/06	3,628.90	21.94	25.45	3.51	3,606.43
MW - 3	06/06/06	3,628.90	21.92	25.83	3.91	3,606.39
MW - 3	06/09/06	3,628.90	22.01	25.11	3.10	3,606.43
MW - 3	06/13/06	3,628.90	21.96	25.58	3.62	3,606.40
MW - 3	06/20/06	3,628.90	21.96	25.52	3.56	3,606.41
MW - 3	07/05/06	3,628.90	21.93	25.81	3.88	3,606.39
MW - 3	07/18/06	3,628.90	21.94	25.81	3.87	3,606.38
MW - 3	07/26/06	3,628.90	21.97	25.68	3.71	3,606.37
MW - 3	07/31/06	3,628.90	22.03	25.36	3.33	3,606.37
MW - 3	08/08/06	3,628.90	22.05	25.47	3.42	3,606.34
MW - 3	08/18/06	3,628.90	21.93	25.43	3.50	3,606.45
MW - 3	08/22/06	3,628.90	22.39	25.61	3.22	3,606.03
MW - 3	09/12/06	3,628.90	20.70	24.32	3.62	3,607.66
MW - 3	09/16/06	3,628.90	20.72	24.60	3.88	3,607.60
MW - 3	10/31/06	3,628.90	21.31	25.48	4.17	3,606.96
MW - 3	11/15/06	3,628.90	22.03	25.16	3.13	3,606.40
MW - 3	11/28/06	3,628.90	21.49	26.84	5.35	3,606.61
MW - 3	01/31/07	3,628.90	21.64	26.17	4.53	3,606.58
MW - 3	02/07/07	3,628.90	21.70	25.80	4.10	3,606.59
MW - 3	02/22/07	3,628.90	21.81	25.99	4.18	3,606.46
MW - 3	03/07/07	3,628.90	21.64	26.00	4.36	3,606.61
MW - 3	03/27/07	3,628.90	21.82	25.59	3.77	3,606.51
MW - 3	04/02/07	3,628.90	21.83	25.73	3.90	3,606.49
MW - 3	04/11/07	3,628.90	21.82	25.62	3.80	3,606.51
MW - 3	04/16/07	3,628.90	21.87	25.21	3.34	3,606.53
MW - 3	04/23/07	3,628.90	21.87	25.30	3.43	3,606.52
MW - 3	04/27/07	3,628.90	21.92	24.87	2.95	3,606.54
MW - 3	04/30/07	3,628.90	21.93	24.51	2.58	3,606.58
MW - 3	05/17/07	3,628.90	21.86	25.43	3.57	3,606.50
MW - 3	05/18/07	3,628.90	21.82	24.45	2.63	3,606.69
MW - 3	06/07/07	3,628.90	21.83	25.66	3.83	3,606.50
MW - 3	06/12/07	3,628.90	21.88	25.16	3.28	3,606.53
MW - 3	06/20/07	3,628.90	21.89	25.21	3.32	3,606.51
MW - 3	06/29/07	3,628.90	21.86	25.34	3.48	3,606.52
MW - 3	07/02/07	3,628.90	21.94	24.77	2.83	3,606.54
MW - 3	07/11/07	3,628.90	21.89	25.25	3.36	3,606.51
MW - 3	07/18/07	3,628.90	21.94	25.08	3.14	3,606.49
MW - 3	07/24/07	3,628.90	21.96	24.96	3.00	3,606.49
MW - 3	08/01/07	3,628.90	21.96	25.02	3.06	3,606.48
MW - 3	08/09/07	3,628.90	21.96	25.05	3.09	3,606.48
MW - 3	08/14/07	3,628.90	22.00	24.74	2.74	3,606.49
MW - 3	08/21/07	3,628.90	21.96	24.83	2.87	3,606.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	08/25/07	3,628.90	21.96	25.14	3.18	3,606.46
MW - 3	08/29/07	3,628.90	22.02	24.63	2.61	3,606.49
MW - 3	09/05/07	3,628.90	21.98	24.76	2.78	3,606.50
MW - 3	09/18/07	3,628.90	21.93	25.18	3.25	3,606.48
MW - 3	09/26/07	3,628.90	21.96	25.06	3.10	3,606.48
MW - 3	10/03/07	3,628.90	21.93	25.12	3.19	3,606.49
MW - 3	10/10/07	3,628.90	21.91	25.09	3.18	3,606.51
MW - 3	10/17/07	3,628.90	21.90	25.14	3.24	3,606.51
MW - 3	11/07/07	3,628.90	21.90	25.26	3.36	3,606.50
MW - 3	11/16/07	3,628.90	21.90	25.21	3.31	3,606.50
MW - 3	11/26/07	3,628.90	21.93	25.19	3.26	3,606.48
MW - 3	11/30/07	3,628.90	21.90	25.36	3.46	3,606.48
MW - 3	12/07/07	3,628.90	21.93	25.11	3.18	3,606.49
MW - 3	12/18/07	3,628.90	21.92	25.92	4.00	3,606.38
MW - 3	01/18/08	3,628.90	21.87	25.71	3.84	3,606.45
MW - 3	01/23/08	3,628.90	21.95	25.35	3.40	3,606.44
MW - 3	02/13/08	3,628.90	21.89	25.70	3.81	3,606.44
MW - 3	02/21/08	3,628.90	21.89	25.63	3.74	3,606.45
MW - 3	02/26/08	3,628.90	21.96	25.53	3.57	3,606.40
MW - 3	03/14/08	3,628.90	21.91	25.76	3.85	3,606.41
MW - 3	03/20/08	3,628.90	21.93	25.43	3.50	3,606.45
MW - 3	04/04/08	3,628.90	21.93	25.20	3.27	3,606.48
MW - 3	04/10/08	3,628.90	21.95	25.23	3.28	3,606.46
MW - 3	04/17/08	3,628.90	21.93	25.64	3.71	3,606.41
MW - 3	04/24/08	3,628.90	21.94	25.43	3.49	3,606.44
MW - 3	05/01/08	3,628.90	21.94	25.33	3.39	3,606.45
MW - 3	05/08/08	3,628.90	21.97	25.23	3.26	3,606.44
MW - 3	05/15/08	3,628.90	21.96	25.19	3.23	3,606.46
MW - 3	05/20/08	3,628.90	22.03	24.88	2.85	3,606.44
MW - 3	05/26/08	3,628.90	22.01	25.06	3.05	3,606.43
MW - 3	05/30/08	3,628.90	22.00	25.28	3.28	3,606.41
MW - 3	06/04/08	3,628.90	21.99	24.96	2.97	3,606.46
MW - 3	06/12/08	3,628.90	22.02	25.12	3.10	3,606.42
MW - 3	06/17/08	3,628.90	22.07	24.82	2.75	3,606.42
MW - 3	06/24/08	3,628.90	22.03	25.06	3.03	3,606.42
MW - 3	07/03/08	3,628.90	22.01	25.16	3.15	3,606.42
MW - 3	07/09/08	3,628.90	22.05	24.98	2.93	3,606.41
MW - 3	07/14/08	3,628.90	22.08	24.74	2.66	3,606.42
MW - 3	07/23/08	3,628.90	22.09	25.08	2.99	3,606.36
MW - 3	08/01/08	3,628.90	22.00	25.12	3.12	3,606.43
MW - 3	08/05/08	3,628.90	21.98	25.33	3.35	3,606.42
MW - 3	08/11/08	3,628.90	22.04	24.98	2.94	3,606.42
MW - 3	08/19/08	3,628.90	22.02	25.02	3.00	3,606.43
MW - 3	08/28/08	3,628.90	22.10	25.04	2.94	3,606.36
MW - 3	09/09/08	3,628.90	21.98	25.30	3.32	3,606.42
MW - 3	09/25/08	3,628.90	21.98	25.46	3.48	3,606.40
MW - 3	10/03/08	3,628.90	22.50	24.95	2.45	3,606.03
MW - 3	10/07/08	3,628.90	22.08	24.70	2.62	3,606.43
MW - 3	10/15/08	3,628.90	22.07	24.79	2.72	3,606.42
MW - 3	10/22/08	3,629.43	22.06	24.72	2.66	3,606.97
MW - 3	10/28/08	3,628.90	22.03	24.62	2.59	3,606.48
MW - 3	11/06/08	3,628.90	22.03	24.70	2.67	3,606.47
MW - 3	11/13/08	3,628.90	22.00	24.80	2.80	3,606.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	11/19/08	3,628.90	22.05	24.71	2.66	3,606.45
MW - 3	12/16/08	3,628.90	21.98	25.26	3.28	3,606.43
MW - 3	01/07/09	3,628.90	21.93	25.52	3.59	3,606.43
MW - 3	01/16/09	3,628.90	21.91	25.15	3.24	3,606.50
MW - 3	01/29/09	3,628.90	22.08	24.79	2.71	3,606.41
MW - 3	02/09/09	3,628.90	22.01	24.99	2.98	3,606.44
MW - 3	02/13/09	3,628.90	22.13	24.23	2.10	3,606.46
MW - 3	02/26/09	3,628.90	22.08	25.25	3.17	3,606.34
MW - 3	03/02/09	3,628.90	22.12	25.38	3.26	3,606.29
MW - 3	03/04/09	3,628.90	22.17	23.87	1.70	3,606.48
MW - 3	03/09/09	3,628.90	22.10	24.38	2.28	3,606.46
MW - 3	03/17/09	3,628.90	22.15	25.40	3.25	3,606.26
MW - 3	03/19/09	3,628.90	22.17	25.42	3.25	3,606.24
MW - 3	03/25/09	3,628.90	22.05	24.82	2.77	3,606.43
MW - 3	03/27/09	3,628.90	22.23	25.35	3.12	3,606.20
MW - 3	03/30/09	3,628.90	22.24	25.29	3.05	3,606.20
MW - 3	04/06/09	3,628.90	22.22	25.21	2.99	3,606.23
MW - 3	04/08/09	3,628.90	22.00	25.21	3.21	3,606.42
MW - 3	04/13/09	3,628.90	22.17	24.22	2.05	3,606.42
MW - 3	04/15/09	3,628.90	22.20	25.19	2.99	3,606.25
MW - 3	04/21/09	3,628.90	22.21	25.16	2.95	3,606.25
MW - 3	04/27/09	3,628.90	22.04	25.05	3.01	3,606.41
MW - 3	05/07/09	3,628.90	22.24	25.16	2.92	3,606.22
MW - 3	05/20/09	3,628.90	21.99	25.28	3.29	3,606.42
MW - 3	05/21/09	3,628.90	22.00	25.33	3.33	3,606.40
MW - 3	05/27/09	3,628.90	22.08	24.85	2.77	3,606.40
MW - 3	06/02/09	3,628.90	22.06	24.88	2.82	3,606.42
MW - 3	06/04/09	3,628.90	sheen	31.72	0.00	3,597.18
MW - 3	06/10/09	3,628.90	22.27	25.14	2.87	3,606.20
MW - 3	06/15/09	3,628.90	22.25	25.12	2.87	3,606.22
MW - 3	07/01/09	3,628.90	21.93	25.45	3.52	3,606.44
MW - 3	07/10/09	3,628.90	22.02	25.00	2.98	3,606.43
MW - 3	07/15/09	3,628.90	21.94	25.36	3.42	3,606.45
MW - 3	07/21/09	3,628.90	22.16	24.38	2.22	3,606.41
MW - 3	07/23/09	3,628.90	22.26	23.31	1.05	3,606.48
MW - 3	07/28/09	3,628.90	22.25	23.33	1.08	3,606.49
MW - 3	07/30/09	3,628.90	22.16	24.21	2.05	3,606.43
MW - 3	08/05/09	3,628.90	22.15	23.98	1.83	3,606.48
MW - 3	08/07/09	3,628.90	22.42	23.36	0.94	3,606.34
MW - 3	08/10/09	3,628.90	22.16	24.05	1.89	3,606.46
MW - 3	08/15/09	3,628.90	22.21	24.24	2.03	3,606.39
MW - 3	08/17/09	3,628.90	22.17	24.24	2.07	3,606.42
MW - 3	08/27/09	3,628.90	22.10	24.53	2.43	3,606.44
MW - 3	08/31/09	3,628.90	22.09	24.47	2.38	3,606.45
MW - 3	09/11/09	3,628.90	22.24	24.85	2.61	3,606.27
MW - 3	09/17/09	3,628.90	22.19	24.42	2.23	3,606.38
MW - 3	09/24/09	3,628.90	22.03	24.08	2.05	3,606.56
MW - 3	09/29/09	3,628.90	22.19	24.01	1.82	3,606.44
MW - 3	09/30/09	3,628.90	22.20	23.53	1.33	3,606.50
MW - 3	10/06/09	3,628.90	22.21	23.99	1.78	3,606.42
MW - 3	10/20/09	3,628.90	22.15	24.17	2.02	3,606.45
MW - 3	10/27/09	3,628.90	22.18	24.09	1.91	3,606.43
MW - 3	11/05/09	3,628.90	22.13	24.20	2.07	3,606.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	11/06/09	3,628.90	22.13	24.20	2.07	3,606.46
MW - 3	11/09/09	3,628.90	22.19	24.04	1.85	3,606.43
MW - 3	11/20/09	3,628.90	22.07	24.68	2.61	3,606.44
MW - 3	11/25/09	3,628.90	22.20	23.78	1.58	3,606.46
MW - 3	12/04/09	3,628.90	22.07	24.64	2.57	3,606.44
MW - 3	12/08/09	3,628.90	22.08	24.60	2.52	3,606.44
MW - 3	12/18/09	3,628.90	22.10	24.46	2.36	3,606.45
MW - 3	12/23/09	3,628.90	22.18	23.90	1.72	3,606.46
MW - 3	12/31/09	3,628.90	22.21	24.21	2.00	3,606.39
MW - 3	01/12/10	3,628.90	21.12	24.65	3.53	3,607.25
MW - 3	01/21/10	3,628.90	22.03	25.00	2.97	3,606.42
MW - 3	02/05/10	3,628.90	22.09	24.92	2.83	3,606.39
MW - 3	02/18/10	3,628.90	21.97	25.22	3.25	3,606.44
MW - 3	02/25/10	3,628.90	22.23	24.08	1.85	3,606.39
MW - 3	03/01/10	3,628.90	22.11	25.16	3.05	3,606.33
MW - 3	03/04/10	3,628.90	22.17	23.97	1.80	3,606.46
MW - 3	03/09/10	3,628.90	22.13	25.11	2.98	3,606.32
MW - 3	03/11/10	3,628.90	22.15	24.89	2.74	3,606.34
MW - 3	03/15/10	3,628.90	22.22	23.95	1.73	3,606.42
MW - 3	03/16/10	3,628.90	22.26	23.90	1.64	3,606.39
MW - 3	03/22/10	3,628.90	22.21	23.97	1.76	3,606.43
MW - 3	03/30/10	3,628.90	22.09	24.99	2.90	3,606.38
MW - 3	04/05/10	3,628.90	22.19	24.41	2.22	3,606.38
MW - 3	04/08/10	3,628.90	22.25	23.92	1.67	3,606.40
MW - 3	04/12/10	3,628.90	22.13	23.40	1.27	3,606.58
MW - 3	04/15/10	3,628.90	22.15	23.39	1.24	3,606.56
MW - 3	04/28/10	3,628.90	22.09	24.88	2.79	3,606.39
MW - 3	05/03/10	3,628.90	22.25	23.89	1.64	3,606.40
MW - 3	05/05/10	3,628.90	22.05	24.05	2.00	3,606.55
MW - 3	05/12/10	3,628.90	22.07	24.00	1.93	3,606.54
MW - 3	05/14/10	3,628.90	22.05	23.97	1.92	3,606.56
MW - 3	05/21/10	3,628.90	22.03	23.96	1.93	3,606.58
MW - 3	05/28/10	3,628.90	22.00	25.07	3.07	3,606.44
MW - 3	06/04/10	3,628.90	22.02	23.97	1.95	3,606.59
MW - 3	06/07/10	3,628.90	22.12	24.94	2.82	3,606.36
MW - 3	06/09/10	3,628.90	22.17	23.95	1.78	3,606.46
MW - 3	06/16/10	3,628.90	22.11	24.55	2.44	3,606.42
MW - 3	06/29/10	3,628.90	22.13	24.53	2.40	3,606.41
MW - 3	07/09/10	3,628.90	21.34	23.39	2.05	3,607.25
MW - 3	07/16/10	3,628.90	21.44	23.64	2.20	3,607.13
MW - 3	07/23/10	3,628.90	21.52	24.03	2.51	3,607.00
MW - 3	07/30/10	3,628.90	21.57	24.20	2.63	3,606.94
MW - 3	08/02/10	3,628.90	22.13	24.54	2.41	3,606.41
MW - 3	08/04/10	3,628.90	21.66	24.08	2.42	3,606.88
MW - 3	08/20/10	3,628.90	20.77	24.65	3.88	3,607.55
MW - 3	08/27/10	3,628.90	21.86	24.37	2.51	3,606.66
MW - 3	09/03/10	3,628.90	21.83	24.86	3.03	3,606.62
MW - 3	09/10/10	3,628.90	21.88	24.46	2.58	3,606.63
MW - 3	09/17/10	3,628.90	21.85	24.52	2.67	3,606.65
MW - 3	09/23/10	3,628.90	22.06	23.85	1.79	3,606.57
MW - 3	10/01/10	3,628.90	22.08	23.83	1.75	3,606.56
MW - 3	10/08/10	3,628.90	21.85	25.15	3.30	3,606.56
MW - 3	10/13/10	3,628.90	21.92	24.68	2.76	3,606.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	11/01/10	3,628.90	21.92	25.14	3.22	3,606.50
MW - 3	11/05/10	3,628.90	21.86	24.53	2.67	3,606.64
MW - 3	11/12/10	3,628.90	21.28	24.61	3.33	3,607.12
MW - 3	11/19/10	3,628.90	21.82	25.40	3.58	3,606.54
MW - 3	12/03/10	3,628.90	21.82	25.53	3.71	3,606.52
MW - 3	12/10/10	3,628.90	21.93	23.87	1.94	3,606.68
MW - 3	12/17/10	3,628.90	21.90	24.42	2.52	3,606.62
MW - 3	01/20/11	3,628.90	21.71	24.02	2.31	3,606.84
MW - 3	02/07/11	3,628.90	21.91	25.16	3.25	3,606.50
MW - 3	05/02/11	3,628.90	21.88	26.02	4.14	3,606.40
MW - 3	05/09/11	3,628.90	22.35	22.75	0.40	3,606.49
MW - 3	05/10/11	3,628.90	22.37	22.74	0.37	3,606.47
MW - 3	05/19/11	3,628.90	22.22	24.18	1.96	3,606.39
MW - 3	05/27/11	3,628.90	22.09	24.46	2.37	3,606.45
MW - 3	06/10/11	3,628.90	22.13	24.38	2.25	3,606.43
MW - 3	06/24/11	3,628.90	22.20	24.46	2.26	3,606.36
MW - 3	07/01/11	3,628.90	22.18	24.75	2.57	3,606.33
MW - 3	07/12/11	3,628.90	22.03	25.15	3.12	3,606.40
MW - 3	07/22/11	3,628.90	22.05	25.05	3.00	3,606.40
MW - 3	08/04/11	3,628.90	22.01	25.41	3.40	3,606.38
MW - 3	08/08/11	3,628.90	22.37	22.78	0.41	3,606.47
MW - 3	08/11/11	3,628.90	22.08	24.91	2.83	3,606.40
MW - 3	08/24/11	3,628.90	22.10	24.79	2.69	3,606.40
MW - 3	09/02/11	3,628.90	22.07	25.16	3.09	3,606.37
MW - 3	09/07/11	3,628.90	22.11	24.56	2.45	3,606.42
MW - 3	09/09/11	3,628.90	22.08	24.73	2.65	3,606.42
MW - 3	09/14/11	3,628.90	22.52	22.71	0.19	3,606.35
MW - 3	09/22/11	3,628.90	22.27	23.54	1.27	3,606.44
MW - 3	10/26/11	3,628.90	22.04	25.10	3.06	3,606.40
MW - 3	10/14/11	3,628.90	22.08	24.70	2.62	3,606.43
MW - 3	11/10/11	3,628.90	22.02	25.14	3.12	3,606.41
MW - 3	11/14/11	3,628.90	22.02	25.14	3.12	3,606.41
MW - 3	12/02/11	3,628.90	21.96	25.40	3.44	3,606.42
MW - 3	12/09/11	3,628.90	22.01	24.86	2.85	3,606.46
MW - 3	12/13/11	3,628.90	22.02	24.89	2.87	3,606.45
MW - 3	12/23/11	3,628.90	22.04	24.87	2.83	3,606.44
MW - 3	12/29/11	3,628.90	22.11	24.41	2.30	3,606.45
MW - 3	01/04/12	3,628.90	22.11	24.26	2.15	3,606.47
MW - 3	01/13/12	3,628.90	22.17	24.28	2.11	3,606.41
MW - 3	01/30/12	3,628.90	22.13	24.20	2.07	3,606.46
MW - 3	02/06/12	3,628.90	22.07	24.80	2.73	3,606.42
MW - 3	02/13/12	3,628.90	22.34	23.04	0.70	3,606.46
MW - 3	02/14/12	3,628.90	22.34	23.04	0.70	3,606.46
MW - 3	03/13/12	3,628.90	22.62	22.79	0.17	3,606.25
MW - 3	03/15/12	3,628.90	22.66	22.97	0.31	3,606.19
MW - 3	03/20/12	3,628.90	22.43	23.29	0.86	3,606.34
MW - 3	03/22/12	3,628.90	21.55	22.52	0.97	3,607.20
MW - 3	03/27/12	3,628.90	22.30	23.60	1.30	3,606.41
MW - 3	03/29/12	3,628.90	22.69	24.08	1.39	3,606.00
MW - 3	04/02/12	3,628.90	22.45	24.09	1.64	3,606.20
MW - 3	04/09/12	3,628.90	22.81	22.88	0.07	3,606.08
MW - 3	04/12/12	3,628.90	22.78	22.86	0.08	3,606.11
MW - 3	04/17/12	3,628.90	22.81	22.90	0.09	3,606.08

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	04/19/12	3,628.90	22.65	22.66	0.01	3,606.25
MW - 3	04/23/12	3,628.90	22.48	22.51	0.03	3,606.42
MW - 3	04/26/12	3,628.90	22.64	23.02	0.38	3,606.20
MW - 3	05/21/12	3,628.90	22.54	23.98	1.44	3,606.14
MW - 3	06/06/12	3,628.90	22.55	24.95	2.40	3,605.99
MW - 3	06/11/12	3,628.90	23.34	25.03	1.69	3,605.31
MW - 3	06/18/12	3,628.90	22.39	24.03	1.64	3,606.26
MW - 3	06/25/12	3,628.90	22.36	25.16	2.80	3,606.12
MW - 3	07/02/12	3,628.90	22.40	24.05	1.65	3,606.25
MW - 3	07/09/12	3,628.90	22.08	24.70	2.62	3,606.43
MW - 3	07/16/12	3,628.90	22.06	25.05	2.99	3,606.39
MW - 3	08/01/12	3,628.90	22.33	25.27	2.94	3,606.13
MW - 3	08/14/12	3,628.90	22.46	24.00	1.54	3,606.21
MW - 3	08/21/12	3,628.90	21.99	24.46	2.47	3,606.54
MW - 3	09/04/12	3,628.90	22.51	23.74	1.23	3,606.21
MW - 3	09/10/12	3,628.90	22.08	25.17	3.09	3,606.36
MW - 3	09/19/12	3,628.90	22.31	25.81	3.50	3,606.07
MW - 3	09/24/12	3,628.90	22.20	24.27	2.07	3,606.39
MW - 3	10/01/12	3,628.90	22.20	24.30	2.10	3,606.39
MW - 3	10/08/12	3,628.90	22.20	24.25	2.05	3,606.39
MW - 3	10/10/12	3,628.90	21.31	23.60	2.29	3,607.25
MW - 3	10/15/12	3,628.90	22.23	24.03	1.80	3,606.40
MW - 3	10/22/12	3,628.90	22.21	24.11	1.90	3,606.41
MW - 3	10/24/12	3,628.90	22.25	23.68	1.43	3,606.44
MW - 3	10/29/12	3,628.90	22.49	23.38	0.89	3,606.28
MW - 3	11/06/12	3,628.90	22.59	23.40	0.81	3,606.19
MW - 3	12/04/12	3,628.90	22.41	23.71	1.30	3,606.30
MW - 3	12/10/12	3,628.90	22.36	23.31	0.95	3,606.40
MW - 3	12/17/12	3,628.90	22.55	22.78	0.23	3,606.32
MW - 3	12/27/12	3,628.90	22.31	23.77	1.46	3,606.37
MW - 3	01/14/13	3,628.90	22.41	22.44	0.03	3,606.49
MW - 3	02/04/13	3,628.90	22.11	24.94	2.83	3,606.37
MW - 3	02/05/13	3,628.90	22.11	24.97	2.86	3,606.36
MW - 3	02/20/13	3,628.90	22.01	25.14	3.13	3,606.42
MW - 3	03/04/13	3,628.90	23.43	24.21	0.78	3,605.35
MW - 3	03/26/13	3,628.90	22.71	24.60	1.89	3,605.91
MW - 3	04/10/13	3,628.90	22.33	24.52	2.19	3,606.24
MW - 3	04/17/13	3,628.90	22.41	24.39	1.98	3,606.19
MW - 3	04/24/13	3,628.90	22.72	25.47	2.75	3,605.77
MW - 3	05/02/13	3,628.90	22.37	23.46	1.09	3,606.37
MW - 3	05/09/13	3,628.90	22.56	22.82	0.26	3,606.30
MW - 3	05/17/13	3,628.90	22.42	22.97	0.55	3,606.40
MW - 3	05/22/13	3,628.90	22.52	22.65	0.13	3,606.36
MW - 3	05/29/13	3,628.90	22.62	23.15	0.53	3,606.20
MW - 3	06/03/13	3,628.90	22.42	22.89	0.47	3,606.41
MW - 3	06/20/13	3,628.90	22.51	22.78	0.27	3,606.35
MW - 3	06/25/13	3,628.90	22.67	23.19	0.52	3,606.15
MW - 3	07/02/13	3,628.90	22.42	23.09	0.67	3,606.38
MW - 3	07/09/13	3,628.90	22.57	23.51	0.94	3,606.19
MW - 3	07/16/13	3,628.90	22.54	23.99	1.45	3,606.14
MW - 3	07/24/13	3,628.90	22.56	23.97	1.41	3,606.13
MW - 3	07/31/13	3,628.90	22.55	23.96	1.41	3,606.14
MW - 3	08/01/13	3,628.90	22.48	24.11	1.63	3,606.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	08/06/13	3,628.90	22.14	24.29	2.15	3,606.44
MW - 3	08/07/13	3,628.90	22.43	23.37	0.94	3,606.33
MW - 3	08/16/13	3,628.90	22.33	23.93	1.60	3,606.33
MW - 3	09/12/13	3,628.90	22.45	22.47	0.02	3,606.45
MW - 3	09/25/13	3,628.90	22.43	22.46	0.03	3,606.47
MW - 3	09/30/13	3,628.90	22.40	22.75	0.35	3,606.45
MW - 3	10/09/13	3,628.90	22.45	22.51	0.06	3,606.44
MW - 3	10/14/13	3,628.90	22.46	22.48	0.02	3,606.44
MW - 3	10/22/13	3,628.90	22.42	22.77	0.35	3,606.43
MW - 3	10/30/13	3,628.90	22.32	23.33	1.01	3,606.43
MW - 3	11/07/13	3,628.90	22.43	22.51	0.08	3,606.46
MW - 3	11/27/13	3,628.90	22.25	23.68	1.43	3,606.44
MW - 3	12/04/13	3,628.90	22.41	22.42	0.01	3,606.49
MW - 3	12/10/13	3,628.90	22.36	23.05	0.69	3,606.44
MW - 3	12/16/13	3,628.90	22.33	23.43	1.10	3,606.41
MW - 3	12/24/13	3,628.90	22.45	22.48	0.03	3,606.45
MW - 3	01/06/14	3,628.90	22.52	22.62	0.10	3,606.37
MW - 3	01/16/14	3,628.90	22.35	23.26	0.91	3,606.41
MW - 3	01/21/14	3,628.90	22.96	23.50	0.54	3,605.86
MW - 3	02/11/14	3,628.90	22.33	23.62	1.29	3,606.38
MW - 3	02/17/14	3,628.90	22.31	23.84	1.53	3,606.36
MW - 3	02/27/14	3,628.90	22.39	23.04	0.65	3,606.41
MW - 3	03/25/14	3,628.90	22.53	22.56	0.03	3,606.37
MW - 3	04/01/14	3,628.90	22.71	22.78	0.07	3,606.18
MW - 3	04/08/14	3,628.90	22.41	22.42	0.01	3,606.49
MW - 3	04/15/14	3,628.90	22.60	23.10	0.50	3,606.23
MW - 3	04/29/14	3,628.90	22.49	22.62	0.13	3,606.39
MW - 3	05/06/14	3,628.90	22.45	22.55	0.10	3,606.44
MW - 3	05/07/14	3,628.90	22.62	22.67	0.05	3,606.27
MW - 3	05/12/14	3,628.90	22.61	22.75	0.14	3,606.27
MW - 3	05/19/14	3,628.90	22.65	22.75	0.10	3,606.24
MW - 3	05/27/14	3,628.90	22.39	22.91	0.52	3,606.43
MW - 3	06/03/14	3,628.90	22.64	23.34	0.70	3,606.16
MW - 3	06/09/14	3,628.90	22.56	23.63	1.07	3,606.18
MW - 3	06/23/14	3,628.90	22.46	24.15	1.69	3,606.19
MW - 3	06/30/14	3,628.90	23.32	24.34	1.02	3,605.43
MW - 3	07/07/14	3,628.90	22.37	24.35	1.98	3,606.23
MW - 3	07/23/14	3,628.90	22.37	24.85	2.48	3,606.16
MW - 3	07/28/14	3,628.90	22.38	24.90	2.52	3,606.14
MW - 3	08/06/14	3,628.90	22.34	24.82	2.48	3,606.19
MW - 3	08/21/14	3,628.90	22.32	24.98	2.66	3,606.18
MW - 3	08/26/14	3,628.90	22.23	25.02	2.79	3,606.25
MW - 3	09/06/14	3,628.90	22.23	25.08	2.85	3,606.24
MW - 3	10/10/14	3,628.90	21.46	21.53	0.07	3,607.43
MW - 3	10/15/14	3,628.90	-	-	-	-
MW - 3	10/31/14	3,628.90	21.06	21.08	0.02	3,607.84
MW - 3	11/05/14	3,628.90	22.01	22.28	0.27	3,606.85
MW - 3	11/12/14	3,628.90	22.03	22.10	0.07	3,606.86
MW - 3	11/18/14	3,628.90	22.11	22.27	0.16	3,606.77
MW - 3	12/01/14	3,628.90	22.17	23.24	1.07	3,606.57
MW - 3	12/23/14	3,628.90	21.95	22.09	0.14	3,606.93
MW - 3	01/16/15	3,628.90	22.33	24.95	2.62	3,606.18
MW - 3	01/26/15	3,628.90	22.25	24.01	1.76	3,606.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	02/13/15	3,628.90	22.20	24.78	2.58	3,606.31
MW - 3	02/25/15	3,628.90	22.40	24.56	2.16	3,606.18
MW - 3	03/05/15	3,628.90	22.12	24.54	2.42	3,606.42
MW - 3	03/10/15	3,628.90	22.44	23.94	1.50	3,606.24
MW - 3	03/12/15	3,628.90	22.34	23.95	1.61	3,606.32
MW - 3	03/17/15	3,628.90	22.42	23.60	1.18	3,606.30
MW - 3	04/01/15	3,628.90	22.35	24.18	1.83	3,606.28
MW - 3	04/08/15	3,628.90	22.39	23.62	1.23	3,606.33
MW - 3	04/15/15	3,628.90	22.42	23.71	1.29	3,606.29
MW - 3	04/23/15	3,628.90	21.94	22.07	0.13	3,606.94
MW - 3	04/30/15	3,628.90	22.22	23.76	1.54	3,606.45
MW - 3	05/19/15	3,628.90	22.10	23.82	1.72	3,606.54
MW - 3	05/29/15	3,628.90	22.42	24.58	2.16	3,606.16
MW - 3	06/05/15	3,628.90	22.31	23.61	1.30	3,606.40
MW - 3	06/10/15	3,628.90	22.34	23.50	1.16	3,606.39
MW - 3	06/17/15	3,628.90	22.52	23.78	1.26	3,606.19
MW - 3	06/26/15	3,628.90	22.34	23.75	1.41	3,606.35
MW - 3	07/01/15	3,628.90	22.68	23.69	1.01	3,606.07
MW - 3	07/06/15	3,628.90	22.29	23.36	1.07	3,606.45
MW - 3	07/10/15	3,628.90	22.43	23.37	0.94	3,606.33
MW - 3	07/15/15	3,628.90	22.38	23.62	1.24	3,606.33
MW - 3	07/21/15	3,628.90	22.29	23.47	1.18	3,606.43
MW - 3	07/29/15	3,628.90	22.50	23.81	1.31	3,606.20
MW - 3	08/06/15	3,628.90	22.26	23.50	1.24	3,606.45
MW - 3	08/14/15	3,628.90	22.27	23.93	1.66	3,606.38
MW - 3	08/19/15	3,628.90	22.20	23.33	1.13	3,606.53
MW - 3	08/26/15	3,628.90	22.19	23.31	1.12	3,606.54
MW - 3	09/02/15	3,628.90	22.19	23.39	1.20	3,606.53
MW - 3	09/08/15	3,628.90	22.21	23.24	1.03	3,606.54
MW - 3	09/17/15	3,628.90	22.21	23.43	1.22	3,606.51
MW - 3	09/23/15	3,628.90	22.21	23.30	1.09	3,606.53
MW - 3	09/29/15	3,628.90	22.20	23.30	1.10	3,606.54
MW - 3	10/01/15	3,628.90	22.18	23.40	1.22	3,606.54
MW - 3	10/07/15	3,628.90	22.21	23.28	1.07	3,606.53
MW - 3	10/14/15	3,628.90	22.21	23.34	1.13	3,606.52
MW - 3	11/04/15	3,628.90	22.06	24.02	1.96	3,606.55
MW - 3	11/12/15	3,628.90	22.13	23.70	1.57	3,606.53
MW - 3	12/02/15	3,628.90	22.04	24.49	2.45	3,606.49
MW - 3	12/08/15	3,628.90	22.13	23.71	1.58	3,606.53
MW - 3	12/10/15	3,628.90	22.20	23.25	1.05	3,606.54
MW - 3	12/14/15	3,628.90	22.17	23.57	1.40	3,606.52
MW - 3	12/21/15	3,628.90	22.13	23.91	1.78	3,606.50
MW - 3	01/11/16	3,628.90	22.08	24.32	2.24	3,606.48
MW - 3	01/13/16	3,628.90	22.21	23.24	1.03	3,606.54
MW - 3	01/22/16	3,628.90	22.17	23.80	1.63	3,606.49
MW - 3	01/25/16	3,628.90	22.23	23.30	1.07	3,606.51
MW - 3	02/05/16	3,628.90	22.20	23.61	1.41	3,606.49
MW - 3	02/08/16	3,628.90	22.24	23.25	1.01	3,606.51
MW - 3	02/10/16	3,628.90	22.21	23.38	1.17	3,606.51
MW - 3	02/17/16	3,628.90	22.20	23.43	1.23	3,606.52
MW - 3	02/24/16	3,628.90	22.21	23.42	1.21	3,606.51
MW - 3	03/01/16	3,628.90	22.28	23.35	1.07	3,606.46
MW - 3	03/08/16	3,628.90	22.24	23.35	1.11	3,606.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	03/11/16	3,628.90	22.25	23.13	0.88	3,606.52
MW - 3	03/15/16	3,628.90	22.23	23.40	1.17	3,606.49
MW - 3	03/24/16	3,628.90	22.22	23.49	1.27	3,606.49
MW - 3	03/30/16	3,628.90	22.16	23.78	1.62	3,606.50
MW - 3	04/07/16	3,628.90	22.20	23.59	1.39	3,606.49
MW - 3	04/12/16	3,628.90	22.22	23.28	1.06	3,606.52
MW - 3	04/18/16	3,628.90	22.25	23.31	1.06	3,606.49
MW - 3	04/25/16	3,628.90	22.23	23.28	1.05	3,606.51
MW - 3	05/03/16	3,628.90	22.23	23.33	1.10	3,606.51
MW - 3	05/12/16	3,628.90	22.25	23.43	1.18	3,606.47
MW - 3	05/16/16	3,628.90	22.19	23.60	1.41	3,606.50
MW - 3	05/26/16	3,628.90	22.20	23.52	1.32	3,606.50
MW - 3	06/08/16	3,628.90	22.20	23.70	1.50	3,606.48
MW - 3	06/15/16	3,628.90	22.24	23.43	1.19	3,606.48
MW - 3	06/20/16	3,628.90	22.28	23.29	1.01	3,606.47
MW - 3	06/29/16	3,628.90	22.24	23.43	1.19	3,606.48
MW - 3	07/07/16	3,628.90	22.26	23.39	1.13	3,606.47
MW - 3	07/11/16	3,628.90	22.29	23.16	0.87	3,606.48
MW - 3	07/19/16	3,628.90	22.27	23.30	1.03	3,606.48
MW - 3	07/25/16	3,628.90	22.29	23.22	0.93	3,606.47
MW - 3	08/01/16	3,628.90	22.29	23.25	0.96	3,606.47
MW - 3	08/11/16	3,628.90	22.24	23.40	1.16	3,606.49
MW - 3	08/15/16	3,628.90	22.29	23.10	0.81	3,606.49
MW - 3	08/29/16	3,628.90	22.15	23.44	1.29	3,606.56
MW - 3	09/07/16	3,628.90	21.95	23.20	1.25	3,606.76
MW - 3	09/13/16	3,628.90	22.01	23.13	1.12	3,606.72
MW - 3	09/21/16	3,628.90	21.99	23.18	1.19	3,606.73
MW - 3	09/28/16	3,628.90	22.03	23.18	1.15	3,606.70
MW - 3	10/04/16	3,628.90	22.07	23.12	1.05	3,606.67
MW - 3	10/18/16	3,628.90	22.10	23.22	1.12	3,606.63
MW - 3	10/25/16	3,628.90	22.06	23.70	1.64	3,606.59
MW - 3	11/01/16	3,628.90	22.11	23.51	1.40	3,606.58
MW - 3	11/10/16	3,628.90	22.12	23.54	1.42	3,606.57
MW - 3	11/18/16	3,628.90	22.19	23.45	1.26	3,606.52
MW - 3	11/23/16	3,628.90	22.18	23.26	1.08	3,606.56
MW - 3	12/07/16	3,628.90	22.13	23.75	1.62	3,606.53
MW - 3	12/15/16	3,628.90	22.13	23.58	1.45	3,606.55
MW - 3	12/21/16	3,628.90	22.18	23.33	1.15	3,606.55
MW - 3	12/27/16	3,628.90	22.18	23.21	1.03	3,606.57
MW - 3	01/04/17	3,628.90	22.18	23.38	1.20	3,606.54
MW - 3	01/09/17	3,628.90	22.20	23.18	0.98	3,606.55
MW - 3	01/17/17	3,628.90	22.17	23.22	1.05	3,606.57
MW - 3	01/23/17	3,628.90	22.19	23.31	1.12	3,606.54
MW - 3	02/01/17	3,628.90	22.21	23.31	1.10	3,606.53
MW - 3	02/06/17	3,628.90	-	-	-	-
MW - 3	02/15/17	3,628.90	22.21	23.33	1.12	3,606.52
MW - 3	02/20/17	3,628.90	22.24	23.21	0.97	3,606.51
MW - 3	02/28/17	3,628.90	22.20	23.26	1.06	3,606.54
MW - 3	03/08/17	3,628.90	22.21	23.34	1.13	3,606.52
MW - 3	03/13/17	3,628.90	22.27	23.16	0.89	3,606.50
MW - 3	03/20/17	3,628.90	22.24	23.26	1.02	3,606.51
MW - 3	03/27/17	3,628.90	22.25	23.28	1.03	3,606.50
MW - 3	04/05/17	3,628.90	22.24	23.38	1.14	3,606.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	04/10/17	3,628.90	22.26	23.23	0.97	3,606.49
MW - 3	04/17/17	3,628.90	-	-	-	-
MW - 3	04/24/17	3,628.90	22.21	23.24	1.03	3,606.54
MW - 3	05/01/17	3,628.90	22.24	23.30	1.06	3,606.50
MW - 3	05/08/17	3,628.90	22.26	23.26	1.00	3,606.49
MW - 3	05/15/17	3,628.90	22.25	23.27	1.02	3,606.50
MW - 3	05/26/17	3,628.90	22.24	23.51	1.27	3,606.47
MW - 3	06/02/17	3,628.90	22.25	23.26	1.01	3,606.50
MW - 3	06/09/17	3,628.90	22.26	23.23	0.97	3,606.49
MW - 3	06/13/17	3,628.90	22.28	23.06	0.78	3,606.50
MW - 3	06/19/17	3,628.90	22.28	23.15	0.87	3,606.49
MW - 3	06/28/17	3,628.90	22.26	23.22	0.96	3,606.50
MW - 3	07/03/17	3,628.90	22.26	23.12	0.86	3,606.51
MW - 3	07/11/17	3,628.90	22.28	23.25	0.97	3,606.47
MW - 3	07/17/17	3,628.90	22.28	23.17	0.89	3,606.49
MW - 3	07/24/17	3,628.90	22.30	23.12	0.82	3,606.48
MW - 3	08/03/17	3,628.90	22.32	23.32	1.00	3,606.43
MW - 3	08/10/17	3,628.90	22.20	23.12	0.92	3,606.56
MW - 3	08/16/17	3,628.90	22.19	23.10	0.91	3,606.57
MW - 3	08/28/17	3,628.90	21.96	23.26	1.30	3,606.75
MW - 3	09/06/17	3,628.90	22.26	23.22	0.96	3,606.50
MW - 3	09/12/17	3,628.90	22.10	23.04	0.94	3,606.66
MW - 3	09/19/17	3,628.90	22.12	23.12	1.00	3,606.63
MW - 3	10/04/17	3,628.90	22.17	23.22	1.05	3,606.57
MW - 3	10/09/17	3,628.90	22.20	22.97	0.77	3,606.58
MW - 3	10/16/17	3,628.90	22.21	22.99	0.78	3,606.57
MW - 3	10/24/17	3,628.90	22.21	23.09	0.88	3,606.56
MW - 3	11/01/17	3,628.90	22.20	23.23	1.03	3,606.55
MW - 3	11/06/17	3,628.90	22.22	23.05	0.83	3,606.56
MW - 3	11/17/17	3,628.90	22.15	23.38	1.23	3,606.57
MW - 3	11/22/17	3,628.90	22.24	22.98	0.74	3,606.55
MW - 3	11/30/17	3,628.90	22.22	23.25	1.03	3,606.53
MW - 3	12/06/17	3,628.90	22.22	23.21	0.99	3,606.53
MW - 3	12/14/17	3,628.90	22.23	23.22	0.99	3,606.52
MW - 3	12/22/17	3,628.90	22.21	23.44	1.23	3,606.51
MW - 3	12/28/17	3,628.90	22.22	23.17	0.95	3,606.54
MW - 3	01/08/18	3,628.90	22.27	23.01	0.74	3,606.52
MW - 3	01/17/18	3,628.90	22.23	23.28	1.05	3,606.51
MW - 3	01/23/18	3,628.90	22.27	23.11	0.84	3,606.50
MW - 3	01/30/18	3,628.90	22.25	23.09	0.84	3,606.52
MW - 3	02/05/18	3,628.90	22.27	23.20	0.93	3,606.49
MW - 3	02/12/18	3,628.90	22.28	23.08	0.80	3,606.50
MW - 3	02/19/18	3,628.90	22.25	23.11	0.86	3,606.52
MW - 3	03/01/18	3,628.90	22.26	23.34	1.08	3,606.48
MW - 3	03/06/18	3,628.90	22.31	23.05	0.74	3,606.48
MW - 3	03/12/18	3,628.90	22.31	23.01	0.70	3,606.49
MW - 3	03/20/18	3,628.90	22.29	23.10	0.81	3,606.49
MW - 3	03/26/18	3,628.90	22.30	23.10	0.80	3,606.48
MW - 3	04/02/18	3,628.90	22.29	23.08	0.79	3,606.49
MW - 3	04/10/18	3,628.90	22.31	23.13	0.82	3,606.47
MW - 3	04/17/18	3,628.90	22.30	23.02	0.72	3,606.49
MW - 3	04/23/18	3,628.90	22.32	23.00	0.68	3,606.48
MW - 3	05/02/18	3,628.90	22.31	23.15	0.84	3,606.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	05/09/18	3,628.90	22.30	23.09	0.79	3,606.48
MW - 3	05/15/18	3,628.90	22.33	23.05	0.72	3,606.46
MW - 3	05/23/18	3,628.90	22.32	23.04	0.72	3,606.47
MW - 3	05/29/18	3,628.90	22.32	23.05	0.73	3,606.47
MW - 3	06/07/18	3,628.90	22.30	23.27	0.97	3,606.45
MW - 3	06/15/18	3,628.90	22.31	23.17	0.86	3,606.46
MW - 3	06/20/18	3,628.90	22.34	23.35	1.01	3,606.41
MW - 3	06/29/18	3,628.90	22.32	23.15	0.83	3,606.46
MW - 3	07/03/18	3,628.90	22.35	22.98	0.63	3,606.46
MW - 3	07/13/18	3,628.90	22.31	23.25	0.94	3,606.45
MW - 3	07/17/18	3,628.90	22.35	23.00	0.65	3,606.45
MW - 3	07/27/18	3,628.90	22.32	23.20	0.88	3,606.45
MW - 3	08/01/18	3,628.90	22.32	23.15	0.83	3,606.46
MW - 3	08/08/18	3,628.90	22.34	23.04	0.70	3,606.46
MW - 3	08/14/18	3,628.90	22.34	23.06	0.72	3,606.45
MW - 3	08/24/18	3,628.90	22.31	23.14	0.83	3,606.47
MW - 3	08/28/18	3,628.90	22.33	22.99	0.66	3,606.47
MW - 3	09/05/18	3,628.90	22.34	23.15	0.81	3,606.44
MW - 3	09/12/18	3,628.90	22.30	22.98	0.68	3,606.50
MW - 3	09/17/18	3,628.90	22.33	22.89	0.56	3,606.49
MW - 3	09/26/18	3,628.90	22.31	23.04	0.73	3,606.48
MW - 3	10/02/18	3,628.90	22.29	23.08	0.79	3,606.49
MW - 3	10/12/18	3,628.90	22.27	23.16	0.89	3,606.50
MW - 3	10/16/18	3,628.90	22.31	22.97	0.66	3,606.49
MW - 3	10/23/18	3,628.90	22.30	22.96	0.66	3,606.50
MW - 3	11/14/18	3,628.90	22.18	23.36	1.18	3,606.54
MW - 3	12/10/18	3,628.90	22.17	23.81	1.64	3,606.48
MW - 3	12/26/18	3,628.90	22.18	23.60	1.42	3,606.51
MW - 3	01/10/19	3,628.90	22.19	23.60	1.41	3,606.50
MW - 3	01/23/19	3,628.90	22.20	23.72	1.52	3,606.47
MW - 3	02/11/19	3,628.90	22.20	23.68	1.48	3,606.48
MW - 3	02/28/19	3,628.90	-	-	-	-
MW - 3	03/14/19	3,628.90	22.23	23.59	1.36	3,606.47
MW - 3	03/28/19	3,628.90	22.23	23.63	1.40	3,606.46
MW - 3	04/10/19	3,628.90	22.23	23.35	1.12	3,606.50
MW - 3	04/25/19	3,628.90	22.27	23.45	1.18	3,606.45
MW - 3	05/07/19	3,628.90	22.26	23.49	1.23	3,606.46
MW - 3	05/24/19	3,628.90	22.27	23.53	1.26	3,606.44
MW - 3	06/14/19	3,628.90	22.23	23.71	1.48	3,606.45
MW - 3	06/26/19	3,628.90	22.29	23.44	1.15	3,606.44
MW - 3	07/10/19	3,628.90	22.30	23.31	1.01	3,606.45
MW - 3	07/30/19	3,628.90	22.26	23.67	1.41	3,606.43
MW - 3	08/15/19	3,628.90	22.30	23.45	1.15	3,606.43
MW - 3	08/19/19	3,628.90	22.34	23.07	0.73	3,606.45
MW - 3	09/03/19	3,628.90	22.28	23.50	1.22	3,606.44
MW - 3	09/16/19	3,628.90	22.29	23.56	1.27	3,606.42
MW - 3	10/23/19	3,628.90	22.16	24.21	2.05	3,606.43
MW - 3	11/12/19	3,628.90	22.22	23.79	1.57	3,606.44
MW - 3	11/18/19	3,628.90	22.28	23.10	0.82	3,606.50
MW - 3	12/11/19	3,628.90	22.19	24.21	2.02	3,606.41
MW - 3	12/27/19	3,628.90	22.23	23.60	1.37	3,606.46
MW - 3	01/08/20	3,628.90	22.22	23.58	1.36	3,606.48
MW - 3	01/20/20	3,628.90	22.27	23.38	1.11	3,606.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	02/12/20	3,628.90	22.25	23.83	1.58	3,606.41
MW - 3	02/26/20	3,628.90	22.25	23.60	1.35	3,606.45
MW - 3	03/03/20	3,628.90	22.28	23.40	1.12	3,606.45
MW - 3	03/19/20	3,628.90	22.25	23.60	1.35	3,606.45
MW - 3	05/12/20	3,628.90	22.11	24.62	2.51	3,606.41
MW - 3	06/04/20	3,628.90	22.22	24.02	1.80	3,606.41
MW - 3	07/31/20	3,628.90	22.16	24.76	2.60	3,606.35
MW - 3	08/11/20	3,628.90	22.30	23.90	1.60	3,606.36
MW - 3	08/17/20	3,628.90	22.37	23.27	0.90	3,606.40
MW-3	09/02/20	P&A	-	-	-	-
MW-3A	9/2/2020	-	-	-	-	-
MW-3A	09/08/20	-	-	23.31	0.00	-
MW-3A	10/07/20	-	-	23.28	0.00	-
MW-3A	10/28/20	-	-	23.27	0.00	-
MW-3A	11/18/20	-	-	23.25	0.00	-
MW-3A	12/22/20	-	23.20	23.44	0.24	-
MW-3A	01/18/21	-	23.22	23.45	0.23	-
MW-3A	02/03/21	-	23.22	23.50	0.28	-
MW-3A	02/08/21	-	23.25	23.35	0.10	-
MW-3A	03/03/21	-	23.24	23.52	0.28	-
MW-3A	04/14/21	-	23.25	23.55	0.30	-
MW-3A	04/26/21	-	23.25	23.36	0.11	-
MW-3A	05/06/21	-	23.25	23.40	0.15	-
MW-3A	05/18/21	-	23.24	23.33	0.09	-
MW-3A	06/08/21	-	23.26	23.45	0.19	-
MW-3A	07/08/21	-	23.19	23.40	0.21	-
MW-3A	07/14/21	-	23.20	23.31	0.11	-
MW-3A	08/09/21	-	23.20	23.91	0.71	-
MW-3A	08/16/21	-	23.24	23.62	0.38	-
MW-3A	09/08/21	-	23.14	23.80	0.66	-
MW-3A	10/05/21	-	23.12	24.05	0.93	-
MW-3A	10/11/21	-	23.14	23.95	0.81	-
MW-3A	11/01/21	-	23.14	24.29	1.15	-
MW-3A	11/29/21	-	23.15	24.08	0.93	-
MW-3A	01/04/22	-	23.20	23.90	0.70	-
MW-3A	01/10/22	-	23.25	24.50	1.25	-
MW-3A	02/01/22	-	23.21	23.95	0.74	-
MW-3A	02/28/22	-	23.26	23.64	0.38	-
MW-3A	03/22/22	-	23.29	23.75	0.46	-
MW-3A	04/04/22	-	23.25	23.55	0.30	-
MW-3A	04/15/22	-	23.25	23.55	0.30	-
MW-3A	05/05/22	-	23.23	23.72	0.49	-
MW-3A	06/07/22	-	23.27	23.80	0.53	-
MW-3A	06/09/22	-	23.32	23.43	0.11	-
MW-3A	07/15/22	-	23.43	24.00	0.57	-
MW-3A	08/15/22	-	23.48	23.95	0.47	-
MW-3A	08/31/22	-	23.25	23.45	0.20	-
MW-3A	10/04/22	-	23.26	23.66	0.40	-
MW-3A	11/03/22	-	23.34	23.93	0.59	-
MW-3A	11/17/22	-	23.19	24.00	0.81	-
MW-3A	12/07/22	-	23.39	23.90	0.51	-
MW-3A	01/03/23	-	23.18	24.17	0.99	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW-3A	01/30/23	-	23.31	24.17	0.86	-
MW-3A	02/22/23	-	23.36	24.30	0.94	-
MW-3A	03/10/23	-	23.19	24.20	1.01	-
MW-3A	03/20/23	-	23.23	24.10	0.87	-
MW-3A	04/03/23	-	23.38	23.92	0.54	-
MW-3A	04/18/22	-	23.40	23.78	0.38	-
MW-3A	05/17/23	-	23.40	23.72	0.32	-
MW-3A	05/18/23	-	23.40	23.72	0.32	-
MW-3A	05/26/23	-	23.32	23.44	0.12	-
MW-3A	06/02/23	-	23.43	23.55	0.12	-
MW-3A	06/21/23	-	23.42	23.52	0.10	-
MW-3A	07/10/23	-	23.47	23.74	0.27	-
MW-3A	07/21/23	-	23.46	23.54	0.08	-
MW-3A	08/01/23	-	23.45	23.65	0.20	-
MW-3A	08/25/23	-	23.40	23.90	0.50	-
MW-3A	10/17/23	-	23.25	24.00	0.75	-
MW-3A	11/02/23	-	23.38	24.09	0.71	-
MW-3A	11/14/23	-	23.58	24.05	0.47	-
MW-3A	11/22/23	-	23.30	23.80	0.50	-
MW-3A	01/05/24	-	23.58	24.50	0.92	-
MW-3A	01/18/24	-	23.22	24.02	0.80	-
MW-3A	02/07/24	-	23.21	23.81	0.60	-
MW-3A	02/13/24	-	23.26	23.59	0.33	-
MW-3A	03/08/24	-	23.37	23.92	0.55	-
MW-3A	03/20/24	-	23.22	23.62	0.40	-
MW-3A	04/03/24	-	23.42	23.70	0.28	-
MW-3A	04/19/24	-	23.60	23.98	0.38	-
MW-3A	05/06/24	-	23.37	23.72	0.35	-
MW-3A	05/07/24	-	23.37	23.72	0.35	-
MW-3A	05/21/24	-	23.25	23.77	0.52	-
MW-3A	06/07/24	-	23.30	23.56	0.26	-
MW-3A	06/28/24	-	23.28	23.48	0.20	-
MW-3A	07/09/24	3,628.90	23.30	23.66	0.36	3,605.55
MW-3A	07/24/24	-	23.42	23.70	0.28	-
MW-3A	08/16/24	-	23.42	23.69	0.27	-
MW-3A	08/23/24	-	23.49	23.59	0.10	-
MW-3A	08/27/24	-	23.31	23.34	0.03	-
MW-3A	09/20/24	-	23.26	23.41	0.03	-
MW-3A	10/18/24	-	23.30	23.49	0.03	-
MW-3A	10/25/24	-	23.31	23.50	0.03	-
MW-3A	11/11/24	-	23.29	23.44	0.15	-
MW-3A	11/11/24	-	23.28	23.78	0.50	-
MW-3A	12/04/24	-	23.28	23.78	0.50	-
MW - 4	03/06/00	3,629.97	-	20.48	0.00	3,609.49
MW - 4	05/16/00	3,629.97	-	20.51	0.00	3,609.46
MW - 4	08/31/00	3,629.97	-	20.51	0.00	3,609.46
MW - 4	11/17/00	3,629.97	-	20.48	0.00	3,609.49
MW - 4	03/07/01	3,629.97	-	20.44	0.00	3,609.53
MW - 4	05/30/01	3,629.97	-	20.47	0.00	3,609.50
MW - 4	08/27/01	3,629.97	-	20.51	0.00	3,609.46
MW - 4	10/12/01	3,629.97	-	20.48	0.00	3,609.49
MW - 4	02/28/02	3,629.97	-	20.45	0.00	3,609.52

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4	05/13/02	3,629.97	-	20.50	0.00	3,609.47
MW - 4	09/10/02	3,629.97	-	20.56	0.00	3,609.41
MW - 4	11/15/02	3,629.97	-	20.48	0.00	3,609.49
MW - 4	05/13/03	3,629.97	-	20.49	0.00	3,609.48
MW - 4	08/22/03	3,629.97	-	20.59	0.00	3,609.38
MW - 4	12/15/03	3,629.97	-	20.50	0.00	3,609.47
MW - 4	03/04/04	3,629.97	-	20.51	0.00	3,609.46
MW - 4	05/25/04	3,629.97	-	20.45	0.00	3,609.52
MW - 4	08/31/04	3,629.97	-	20.55	0.00	3,609.42
MW - 4	12/10/04	3,629.97	-	19.68	0.00	3,610.29
MW - 4	03/14/05	3,629.97	-	20.14	0.00	3,609.83
MW - 4	06/13/05	3,629.97	-	20.22	0.00	3,609.75
MW - 4	09/12/05	3,629.97	-	20.28	0.00	3,609.69
MW - 4	12/06/05	3,629.97	-	20.29	0.00	3,609.68
MW - 4	03/10/06	3,629.97	-	20.34	0.00	3,609.63
MW - 4	06/09/06	3,629.97	-	20.41	0.00	3,609.56
MW - 4	07/05/06	3,629.97	-	21.13	0.00	3,608.84
MW - 4	09/12/06	3,629.97	-	19.51	0.00	3,610.46
MW - 4	11/28/06	3,629.97	-	20.03	0.00	3,609.94
MW - 4	02/22/07	3,629.97	-	20.26	0.00	3,609.71
MW - 4	05/17/07	3,629.97	-	20.29	0.00	3,609.68
MW - 4	08/21/07	3,629.97	-	20.36	0.00	3,609.61
MW - 4	11/26/07	3,629.97	-	20.35	0.00	3,609.62
MW - 4	02/26/08	3,629.97	-	20.38	0.00	3,609.59
MW - 4	05/26/08	3,629.97	-	20.41	0.00	3,609.56
MW - 4	08/28/08	3,629.97	-	20.41	0.00	3,609.56
MW - 4	11/19/08	3,629.97	-	21.45	0.00	3,608.52
MW - 4	02/13/09	3,629.97	-	20.39	0.00	3,609.58
MW - 4	05/20/09	3,629.97	-	20.43	0.00	3,609.54
MW - 4	06/04/09	3,629.97	-	31.27	0.00	3,598.70
MW - 4	08/15/09	3,629.97	-	20.39	0.00	3,609.58
MW - 4	11/06/09	3,629.97	-	20.38	0.00	3,609.59
MW - 4	01/12/10	3,629.97	-	20.39	0.00	3,609.58
MW - 4	02/05/10	3,629.97	-	20.39	0.00	3,609.58
MW - 4	05/03/10	3,629.97	-	20.38	0.00	3,609.59
MW - 4	08/02/10	3,629.97	-	20.40	0.00	3,609.57
MW - 4	11/01/10	3,629.97	-	20.27	0.00	3,609.70
MW - 4	02/07/11	3,629.97	-	20.29	0.00	3,609.68
MW - 4	05/02/11	3,629.97	-	20.38	0.00	3,609.59
MW - 4	05/09/11	3,629.97	-	20.37	0.00	3,609.60
MW - 4	05/10/11	3,629.97	-	20.37	0.00	3,609.60
MW - 4	08/08/11	3,629.97	-	20.31	0.00	3,609.66
MW - 4	09/14/11	3,629.97	-	20.43	0.00	3,609.54
MW - 4	11/10/11	3,629.97	-	20.39	0.00	3,609.58
MW - 4	02/06/12	3,629.97	-	20.41	0.00	3,609.56
MW - 4	05/21/12	3,629.97	-	20.44	0.00	3,609.53
MW - 4	08/01/12	3,629.97	-	20.45	0.00	3,609.52
MW - 4	11/06/12	3,629.97	-	20.44	0.00	3,609.53
MW - 4	02/05/13	3,629.97	-	20.44	0.00	3,609.53
MW - 4	05/09/13	3,629.97	-	20.46	0.00	3,609.51
MW - 4	08/01/13	3,629.97	-	20.39	0.00	3,609.58
MW - 4	11/07/13	3,629.97	-	20.41	0.00	3,609.56
MW - 4	02/17/14	3,629.97	-	20.46	0.00	3,609.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4	05/07/14	3,629.97	-	20.45	0.00	3,609.52
MW - 4	07/23/14	3,629.97	-	20.48	0.00	3,609.49
MW - 4	07/28/14	3,629.97	-	20.49	0.00	3,609.48
MW - 4	08/26/14	3,629.97	-	20.48	0.00	3,609.49
MW - 4	09/06/14	3,629.97	-	20.47	0.00	3,609.50
MW - 4	11/12/14	3,629.97	-	19.79	0.00	3,610.18
MW - 4	01/26/15	3,629.97	-	20.19	0.00	3,609.78
MW - 4	02/25/15	3,629.97	-	20.23	0.00	3,609.74
MW - 4	03/10/15	3,629.97	-	20.25	0.00	3,609.72
MW - 4	05/19/15	3,629.97	-	20.24	0.00	3,609.73
MW - 4	07/10/15	3,629.97	-	20.29	0.00	3,609.68
MW - 4	08/06/15	3,629.97	-	20.29	0.00	3,609.68
MW - 4	09/29/15	3,629.97	-	20.31	0.00	3,609.66
MW - 4	11/12/15	3,629.97	-	20.29	0.00	3,609.68
MW - 4	12/10/15	3,629.97	-	20.31	0.00	3,609.66
MW - 4	01/13/16	3,629.97	-	20.31	0.00	3,609.66
MW - 4	02/08/16	3,629.97	-	20.34	0.00	3,609.63
MW - 4	03/11/16	3,629.97	-	20.34	0.00	3,609.63
MW - 4	04/12/16	3,629.97	-	20.36	0.00	3,609.61
MW - 4	04/25/16	3,629.97	-	20.35	0.00	3,609.62
MW - 4	05/12/16	3,629.97	-	20.37	0.00	3,609.60
MW - 4	06/20/16	3,629.97	-	20.38	0.00	3,609.59
MW - 4	07/19/16	3,629.97	-	20.38	0.00	3,609.59
MW - 4	08/11/16	3,629.97	-	20.36	0.00	3,609.61
MW - 4	09/21/16	3,629.97	-	20.15	0.00	3,609.82
MW - 4	11/10/16	3,629.97	-	20.26	0.00	3,609.71
MW - 4	12/21/16	3,629.97	-	20.29	0.00	3,609.68
MW - 4	01/17/17	3,629.97	-	21.31	0.00	3,608.66
MW - 4	02/15/17	3,629.97	-	20.34	0.00	3,609.63
MW - 4	03/13/17	3,629.97	-	20.36	0.00	3,609.61
MW - 4	04/05/17	3,629.97	-	20.37	0.00	3,609.60
MW - 4	05/08/17	3,629.97	-	20.35	0.00	3,609.62
MW - 4	06/19/17	3,629.97	-	20.37	0.00	3,609.60
MW - 4	07/03/17	3,629.97	-	20.37	0.00	3,609.60
MW - 4	08/16/17	3,629.97	-	20.33	0.00	3,609.64
MW - 4	09/12/17	3,629.97	-	20.24	0.00	3,609.73
MW - 4	10/04/17	3,629.97	-	20.28	0.00	3,609.69
MW - 4	11/01/17	3,629.97	-	20.29	0.00	3,609.68
MW - 4	12/06/17	3,629.97	-	20.34	0.00	3,609.63
MW - 4	01/30/18	3,629.97	-	20.37	0.00	3,609.60
MW - 4	02/19/18	3,629.97	-	20.36	0.00	3,609.61
MW - 4	03/06/18	3,629.97	-	20.39	0.00	3,609.58
MW - 4	04/10/18	3,629.97	-	20.38	0.00	3,609.59
MW - 4	05/02/18	3,629.97	-	20.39	0.00	3,609.58
MW - 4	06/07/18	3,629.97	-	20.40	0.00	3,609.57
MW - 4	08/01/18	3,629.97	-	20.40	0.00	3,609.57
MW - 4	08/14/18	3,629.97	-	20.40	0.00	3,609.57
MW - 4	11/14/18	3,629.97	-	20.32	0.00	3,609.65
MW - 4	12/10/18	3,629.97	-	20.34	0.00	3,609.63
MW - 4	01/10/19	3,629.97	-	20.35	0.00	3,609.62
MW - 4	02/11/19	3,629.97	-	20.37	0.00	3,609.60
MW - 4	03/14/19	3,629.97	-	20.39	0.00	3,609.58
MW - 4	04/10/19	3,629.97	-	20.39	0.00	3,609.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4	05/07/19	3,629.97	-	20.40	0.00	3,609.57
MW - 4	07/30/19	3,629.97	-	20.43	0.00	3,609.54
MW - 4	08/19/19	3,629.97	-	20.42	0.00	3,609.55
MW - 4	09/16/19	3,629.97	-	20.41	0.00	3,609.56
MW - 4	11/18/19	3,629.97	-	20.38	0.00	3,609.59
MW - 4	12/27/19	3,629.97	-	20.39	0.00	3,609.58
MW - 4	01/20/20	3,629.97	-	20.40	0.00	3,609.57
MW - 4	02/12/20	3,629.97	-	20.43	0.00	3,609.54
MW - 4	05/12/20	3,629.97	-	20.41	0.00	3,609.56
MW - 4	06/04/20	3,629.97	-	20.44	0.00	3,609.53
MW - 4	07/31/20	3,629.97	-	20.47	0.00	3,609.50
MW - 4	08/17/20	3,629.97	-	20.45	0.00	3,609.52
MW - 4	09/08/20	3,629.97	-	20.46	0.00	3,609.51
MW - 4	10/28/20	3,629.97	-	20.44	0.00	3,609.53
MW - 4	11/18/20	3,629.97	-	20.43	0.00	3,609.54
MW - 4	12/22/20	3,629.97	-	20.43	0.00	3,609.54
MW - 4	01/18/21	3,629.97	-	20.44	0.00	3,609.53
MW - 4	02/08/21	3,629.97	-	20.45	0.00	3,609.52
MW - 4	03/03/21	3,629.97	-	20.45	0.00	3,609.52
MW - 4	04/26/21	3,629.97	-	20.46	0.00	3,609.51
MW - 4	05/18/21	3,629.97	-	20.46	0.00	3,609.51
MW - 4	06/08/21	3,629.97	-	20.47	0.00	3,609.50
MW - 4	07/14/21	3,629.97	-	20.39	0.00	3,609.58
MW - 4	08/16/21	3,629.97	-	20.44	0.00	3,609.53
MW - 4	10/11/21	3,629.97	-	20.38	0.00	3,609.59
MW - 4	11/29/21	3,629.97	-	20.41	0.00	3,609.56
MW - 4	01/10/22	3,629.97	-	20.44	0.00	3,609.53
MW - 4	02/28/22	3,629.97	-	20.47	0.00	3,609.50
MW - 4	04/15/22	3,629.97	-	20.45	0.00	3,609.52
MW - 4	06/07/22	3,629.97	-	20.50	0.00	3,609.47
MW - 4	08/31/22	3,629.97	-	20.49	0.00	3,609.48
MW - 4	11/03/22	3,629.97	-	20.54	0.00	3,609.43
MW - 4	02/22/23	3,629.97	-	20.55	0.00	3,609.42
MW - 4	05/18/23	3,629.97	-	20.52	0.00	3,609.45
MW - 4	08/01/23	3,629.97	-	20.54	0.00	3,609.43
MW - 4	11/02/23	3,629.97	-	20.50	0.00	3,609.47
MW - 4	02/13/24	3,629.97	-	20.52	0.00	3,609.45
MW - 4	05/07/24	3,629.97	-	20.52	0.00	3,609.45
MW - 4	08/27/24	3,629.97	-	20.62	0.00	3,609.35
MW - 4	11/11/24	3,629.97	-	20.52	0.00	3,609.45
MW - 5	03/06/00	3,629.36	-	21.61	0.00	3,607.75
MW - 5	05/16/00	3,629.36	-	21.70	0.00	3,607.66
MW - 5	08/31/00	3,629.36	-	21.70	0.00	3,607.66
MW - 5	11/17/00	3,629.36	-	21.69	0.00	3,607.67
MW - 5	03/07/01	3,629.36	-	21.63	0.00	3,607.73
MW - 5	05/30/01	3,629.36	-	21.65	0.00	3,607.71
MW - 5	08/27/01	3,629.36	-	21.70	0.00	3,607.66
MW - 5	10/12/01	3,629.36	-	21.65	0.00	3,607.71
MW - 5	02/25/02	3,629.36	-	21.65	0.00	3,607.71
MW - 5	05/13/02	3,629.36	-	21.66	0.00	3,607.70
MW - 5	09/10/02	3,629.36	-	21.74	0.00	3,607.62
MW - 5	11/15/02	3,629.36	-	21.66	0.00	3,607.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5	05/13/03	3,629.36	-	21.67	0.00	3,607.69
MW - 5	08/22/03	3,629.36	-	21.74	0.00	3,607.62
MW - 5	12/15/03	3,629.36	-	21.67	0.00	3,607.69
MW - 5	03/04/04	3,629.36	-	21.68	0.00	3,607.68
MW - 5	05/25/04	3,629.36	-	21.64	0.00	3,607.72
MW - 5	08/31/04	3,629.36	-	21.75	0.00	3,607.61
MW - 5	12/10/04	3,629.36	-	20.90	0.00	3,608.46
MW - 5	03/14/05	3,629.36	-	21.35	0.00	3,608.01
MW - 5	06/13/05	3,629.36	-	21.45	0.00	3,607.91
MW - 5	09/12/05	3,629.36	-	21.50	0.00	3,607.86
MW - 5	12/06/05	3,629.36	-	21.52	0.00	3,607.84
MW - 5	03/10/06	3,629.36	-	21.58	0.00	3,607.78
MW - 5	06/09/06	3,629.36	-	21.63	0.00	3,607.73
MW - 5	07/05/06	3,629.36	-	21.66	0.00	3,607.70
MW - 5	09/12/06	3,629.36	-	20.74	0.00	3,608.62
MW - 5	11/28/06	3,629.36	-	21.29	0.00	3,608.07
MW - 5	02/22/07	3,629.36	-	21.52	0.00	3,607.84
MW - 5	05/17/07	3,629.36	-	21.52	0.00	3,607.84
MW - 5	08/21/07	3,629.36	-	21.58	0.00	3,607.78
MW - 5	11/26/07	3,629.36	-	21.58	0.00	3,607.78
MW - 5	02/26/08	3,629.36	-	21.60	0.00	3,607.76
MW - 5	05/26/08	3,629.36	-	21.62	0.00	3,607.74
MW - 5	08/28/08	3,629.36	-	21.61	0.00	3,607.75
MW - 5	11/19/08	3,629.36	-	21.54	0.00	3,607.82
MW - 5	02/13/09	3,629.36	-	21.62	0.00	3,607.74
MW - 5	05/20/09	3,629.36	-	21.62	0.00	3,607.74
MW - 5	08/15/09	3,629.36	-	21.63	0.00	3,607.73
MW - 5	01/12/10	3,629.36	-	21.62	0.00	3,607.74
MW - 5	02/05/10	3,629.36	-	21.62	0.00	3,607.74
MW - 5	05/03/10	3,629.36	-	21.62	0.00	3,607.74
MW - 5	08/02/10	3,629.36	-	21.63	0.00	3,607.73
MW - 5	11/01/10	3,629.36	-	21.53	0.00	3,607.83
MW - 5	02/07/11	3,629.36	-	21.53	0.00	3,607.83
MW - 5	05/02/11	3,629.36	-	21.58	0.00	3,607.78
MW - 5	05/09/11	3,629.36	-	21.62	0.00	3,607.74
MW - 5	05/10/11	3,629.36	-	21.62	0.00	3,607.74
MW - 5	08/08/11	3,629.36	-	21.58	0.00	3,607.78
MW - 5	09/14/11	3,629.36	-	21.71	0.00	3,607.65
MW - 5	11/10/11	3,629.36	-	21.60	0.00	3,607.76
MW - 5	02/06/12	3,629.36	-	21.62	0.00	3,607.74
MW - 5	05/21/12	3,629.36	-	21.65	0.00	3,607.71
MW - 5	08/01/12	3,629.36	-	21.66	0.00	3,607.70
MW - 5	11/06/12	3,629.36	-	21.65	0.00	3,607.71
MW - 5	02/05/13	3,629.36	-	21.64	0.00	3,607.72
MW - 5	05/09/13	3,629.36	-	21.67	0.00	3,607.69
MW - 5	08/01/13	3,629.36	-	21.58	0.00	3,607.78
MW - 5	11/07/13	3,629.36	-	21.63	0.00	3,607.73
MW - 5	02/17/14	3,629.36	-	21.65	0.00	3,607.71
MW - 5	05/07/14	3,629.36	-	21.68	0.00	3,607.68
MW - 5	07/23/14	3,629.36	-	21.65	0.00	3,607.71
MW - 5	07/28/14	3,629.36	-	21.70	0.00	3,607.66
MW - 5	08/26/14	3,629.36	-	21.68	0.00	3,607.68
MW - 5	09/06/14	3,629.36	-	21.69	0.00	3,607.67

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5	11/12/14	3,629.36	-	21.00	0.00	3,608.36
MW - 5	01/26/15	3,629.36	-	21.42	0.00	3,607.94
MW - 5	02/25/15	3,629.36	-	21.46	0.00	3,607.90
MW - 5	03/10/15	3,629.36	-	21.49	0.00	3,607.87
MW - 5	05/19/15	3,629.36	-	21.48	0.00	3,607.88
MW - 5	07/10/15	3,629.36	-	21.52	0.00	3,607.84
MW - 5	08/06/15	3,629.36	-	21.54	0.00	3,607.82
MW - 5	09/29/15	3,629.36	-	21.56	0.00	3,607.80
MW - 5	11/12/15	3,629.36	-	21.52	0.00	3,607.84
MW - 5	12/10/15	3,629.36	-	21.54	0.00	3,607.82
MW - 5	01/13/16	3,629.36	-	21.56	0.00	3,607.80
MW - 5	02/08/16	3,629.36	-	21.59	0.00	3,607.77
MW - 5	03/11/16	3,629.36	-	21.59	0.00	3,607.77
MW - 5	04/12/16	3,629.36	-	21.54	0.00	3,607.82
MW - 5	04/25/16	3,629.36	-	21.59	0.00	3,607.77
MW - 5	05/12/16	3,629.36	-	21.61	0.00	3,607.75
MW - 5	06/20/16	3,629.36	-	21.62	0.00	3,607.74
MW - 5	07/19/16	3,629.36	-	21.63	0.00	3,607.73
MW - 5	08/11/16	3,629.36	-	21.60	0.00	3,607.76
MW - 5	09/21/16	3,629.36	-	21.35	0.00	3,608.01
MW - 5	11/10/16	3,629.36	-	21.49	0.00	3,607.87
MW - 5	12/21/16	3,629.36	-	21.53	0.00	3,607.83
MW - 5	01/17/17	3,629.36	-	21.55	0.00	3,607.81
MW - 5	02/15/17	3,629.36	-	21.57	0.00	3,607.79
MW - 5	03/13/17	3,629.36	-	21.59	0.00	3,607.77
MW - 5	04/05/17	3,629.36	-	21.60	0.00	3,607.76
MW - 5	05/08/17	3,629.36	-	21.59	0.00	3,607.77
MW - 5	06/19/17	3,629.36	-	21.60	0.00	3,607.76
MW - 5	07/03/17	3,629.36	-	21.60	0.00	3,607.76
MW - 5	08/16/17	3,629.36	-	21.58	0.00	3,607.78
MW - 5	09/12/17	3,629.36	-	21.46	0.00	3,607.90
MW - 5	10/04/17	3,629.36	-	21.52	0.00	3,607.84
MW - 5	11/01/17	3,629.36	-	21.53	0.00	3,607.83
MW - 5	12/06/17	3,629.36	-	21.58	0.00	3,607.78
MW - 5	01/30/18	3,629.36	-	21.60	0.00	3,607.76
MW - 5	02/19/18	3,629.36	-	21.59	0.00	3,607.77
MW - 5	03/06/18	3,629.36	-	21.62	0.00	3,607.74
MW - 5	04/10/18	3,629.36	-	21.61	0.00	3,607.75
MW - 5	05/02/18	3,629.36	-	21.62	0.00	3,607.74
MW - 5	06/07/18	3,629.36	-	21.62	0.00	3,607.74
MW - 5	08/01/18	3,629.36	-	21.64	0.00	3,607.72
MW - 5	08/14/18	3,629.36	-	21.64	0.00	3,607.72
MW - 5	09/26/18	3,629.36	-	21.65	0.00	3,607.71
MW - 5	11/14/18	3,629.36	-	21.53	0.00	3,607.83
MW - 5	12/10/18	3,629.36	-	21.56	0.00	3,607.80
MW - 5	01/10/19	3,629.36	-	21.58	0.00	3,607.78
MW - 5	02/11/19	3,629.36	-	21.59	0.00	3,607.77
MW - 5	03/14/19	3,629.36	-	21.61	0.00	3,607.75
MW - 5	04/10/19	3,629.36	-	21.62	0.00	3,607.74
MW - 5	05/07/19	3,629.36	-	21.62	0.00	3,607.74
MW - 5	07/30/19	3,629.36	-	21.65	0.00	3,607.71
MW - 5	08/19/19	3,629.36	-	21.64	0.00	3,607.72
MW - 5	09/16/19	3,629.36	-	21.63	0.00	3,607.73

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5	11/18/19	3,629.36	-	21.61	0.00	3,607.75
MW - 5	12/27/19	3,629.36	-	21.60	0.00	3,607.76
MW - 5	01/20/20	3,629.36	-	21.62	0.00	3,607.74
MW - 5	02/12/20	3,629.36	-	21.65	0.00	3,607.71
MW - 5	05/12/20	3,629.36	-	21.64	0.00	3,607.72
MW - 5	06/04/20	3,629.36	-	21.65	0.00	3,607.71
MW - 5	07/31/20	3,629.36	-	21.69	0.00	3,607.67
MW - 5	08/17/20	3,629.36	-	21.68	0.00	3,607.68
MW - 5	09/08/20	3,629.36	-	21.67	0.00	3,607.69
MW - 5	10/28/20	3,629.36	-	21.66	0.00	3,607.70
MW - 5	11/18/20	3,629.36	-	21.65	0.00	3,607.71
MW - 5	12/22/20	3,629.36	-	21.65	0.00	3,607.71
MW - 5	01/18/21	3,629.36	-	21.66	0.00	3,607.70
MW - 5	02/08/21	3,629.36	-	21.67	0.00	3,607.69
MW - 5	03/03/21	3,629.36	-	21.68	0.00	3,607.68
MW - 5	04/26/21	3,629.36	-	21.67	0.00	3,607.69
MW - 5	05/18/21	3,629.36	-	21.67	0.00	3,607.69
MW - 5	06/08/21	3,629.36	-	21.69	0.00	3,607.67
MW - 5	07/14/21	3,629.36	-	21.58	0.00	3,607.78
MW - 5	08/16/21	3,629.36	-	21.65	0.00	3,607.71
MW - 5	10/11/21	3,629.36	-	21.60	0.00	3,607.76
MW - 5	11/29/21	3,629.36	-	21.63	0.00	3,607.73
MW - 5	01/10/22	3,629.36	-	21.68	0.00	3,607.68
MW - 5	02/15/22	3,629.36	-	21.64	0.00	3,607.72
MW - 5	04/15/22	3,629.36	-	21.67	0.00	3,607.69
MW - 5	06/07/22	3,629.36	-	21.74	0.00	3,607.62
MW - 5	08/31/22	3,629.36	-	21.69	0.00	3,607.67
MW - 5	11/03/22	3,629.36	-	21.74	0.00	3,607.62
MW - 5	02/22/23	3,629.36	-	21.76	0.00	3,607.60
MW - 5	05/18/23	3,629.36	-	21.71	0.00	3,607.65
MW - 5	08/01/23	3,629.36	-	21.73	0.00	3,607.63
MW - 5	11/02/23	3,629.36	-	21.65	0.00	3,607.71
MW - 5	02/13/24	3,629.36	-	21.70	0.00	3,607.66
MW - 5	05/07/24	3,629.36	-	21.70	0.00	3,607.66
MW - 5	08/27/24	3,629.36	-	21.72	0.00	3,607.64
MW - 5	11/11/24	3,629.36	-	21.69	0.00	3,607.67
MW - 6	03/06/00	3,629.87	-	23.45	0.00	3,606.42
MW - 6	05/16/00	3,629.87	-	23.45	0.00	3,606.42
MW - 6	08/31/00	3,629.87	-	23.47	0.00	3,606.40
MW - 6	11/17/00	3,629.87	-	23.46	0.00	3,606.41
MW - 6	03/07/01	3,629.87	-	23.42	0.00	3,606.45
MW - 6	05/30/01	3,629.87	-	23.38	0.00	3,606.49
MW - 6	08/27/01	3,629.87	-	-	-	-
MW - 6	10/12/01	3,629.17	-	23.40	0.00	3,605.77
MW - 6	02/25/02	3,629.17	-	24.10	0.00	3,605.07
MW - 6	05/13/02	3,629.17	-	24.12	0.00	3,605.05
MW - 6	09/10/02	3,629.17	-	24.16	0.00	3,605.01
MW - 6	11/15/02	3,629.17	-	24.12	0.00	3,605.05
MW - 6	05/13/03	3,629.17	-	24.13	0.00	3,605.04
MW - 6	08/22/03	3,629.17	-	24.19	0.00	3,604.98
MW - 6	12/15/03	3,629.17	-	24.14	0.00	3,605.03
MW - 6	03/04/04	3,629.17	-	24.14	0.00	3,605.03

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	05/25/04	3,629.17	-	24.12	0.00	3,605.05
MW - 6	08/31/04	3,629.17	-	24.16	0.00	3,605.01
MW - 6	12/10/04	3,629.17	-	23.42	0.00	3,605.75
MW - 6	03/14/05	3,629.17	-	23.93	0.00	3,605.24
MW - 6	06/13/05	3,629.17	-	23.98	0.00	3,605.19
MW - 6	09/12/05	3,629.17	-	24.03	0.00	3,605.14
MW - 6	12/06/05	3,629.17	-	24.23	0.00	3,604.94
MW - 6	03/10/06	3,629.17	-	24.07	0.00	3,605.10
MW - 6	06/09/06	3,629.17	-	24.09	0.00	3,605.08
MW - 6	07/05/06	3,629.17	-	25.36	0.00	3,603.81
MW - 6	09/12/06	3,629.17	-	23.25	0.00	3,605.92
MW - 6	11/28/06	3,629.17	-	23.85	0.00	3,605.32
MW - 6	02/22/07	3,629.17	-	24.02	0.00	3,605.15
MW - 6	05/17/07	3,629.17	-	24.03	0.00	3,605.14
MW - 6	08/21/07	3,629.17	-	24.07	0.00	3,605.10
MW - 6	11/26/07	3,629.17	-	24.07	0.00	3,605.10
MW - 6	02/26/08	3,629.17	-	24.10	0.00	3,605.07
MW - 6	05/26/08	3,629.17	-	24.11	0.00	3,605.06
MW - 6	08/28/08	3,629.17	-	24.12	0.00	3,605.05
MW - 6	11/19/08	3,629.17	-	24.11	0.00	3,605.06
MW - 6	02/13/09	3,629.17	-	24.11	0.00	3,605.06
MW - 6	05/20/09	3,629.17	-	24.14	0.00	3,605.03
MW - 6	08/15/09	3,629.17	-	24.13	0.00	3,605.04
MW - 6	11/06/09	3,629.17	-	24.13	0.00	3,605.04
MW - 6	01/12/10	3,629.17	-	24.00	0.00	3,605.17
MW - 6	02/05/10	3,629.17	-	24.13	0.00	3,605.04
MW - 6	05/03/10	3,629.17	-	24.14	0.00	3,605.03
MW - 6	08/02/10	3,629.17	-	24.14	0.00	3,605.03
MW - 6	11/01/10	3,629.17	-	24.04	0.00	3,605.13
MW - 6	02/07/11	3,629.17	-	24.06	0.00	3,605.11
MW - 6	05/02/11	3,629.17	-	24.12	0.00	3,605.05
MW - 6	05/09/11	3,629.17	-	24.15	0.00	3,605.02
MW - 6	05/10/11	3,629.17	-	24.15	0.00	3,605.02
MW - 6	08/08/11	3,629.17	-	24.13	0.00	3,605.04
MW - 6	09/14/11	3,629.17	-	24.24	0.00	3,604.93
MW - 6	11/10/11	3,629.17	-	24.11	0.00	3,605.06
MW - 6	02/06/12	3,629.17	-	24.12	0.00	3,605.05
MW - 6	05/21/12	3,629.17	-	24.15	0.00	3,605.02
MW - 6	08/01/12	3,629.17	-	24.14	0.00	3,605.03
MW - 6	11/06/12	3,629.17	-	24.13	0.00	3,605.04
MW - 6	02/05/13	3,629.17	-	24.13	0.00	3,605.04
MW - 6	05/09/13	3,629.17	-	24.14	0.00	3,605.03
MW - 6	08/01/13	3,629.17	-	24.11	0.00	3,605.06
MW - 6	11/07/13	3,629.17	-	24.13	0.00	3,605.04
MW - 6	02/17/14	3,629.17	-	24.14	0.00	3,605.03
MW - 6	05/07/14	3,629.17	-	24.14	0.00	3,605.03
MW - 6	07/23/14	3,629.17	-	24.16	0.00	3,605.01
MW - 6	07/28/14	3,629.17	-	24.19	0.00	3,604.98
MW - 6	08/26/14	3,629.17	-	24.18	0.00	3,604.99
MW - 6	09/06/14	3,629.17	-	24.16	0.00	3,605.01
MW - 6	11/12/14	3,629.17	-	23.65	0.00	3,605.52
MW - 6	01/26/15	3,629.17	-	23.96	0.00	3,605.21
MW - 6	02/25/15	3,629.17	-	23.99	0.00	3,605.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	03/10/15	3,629.17	-	24.02	0.00	3,605.15
MW - 6	05/19/15	3,629.17	-	24.01	0.00	3,605.16
MW - 6	07/10/15	3,629.17	-	24.05	0.00	3,605.12
MW - 6	08/06/15	3,629.17	-	24.05	0.00	3,605.12
MW - 6	09/29/15	3,629.17	-	24.07	0.00	3,605.10
MW - 6	11/12/15	3,629.17	-	24.07	0.00	3,605.10
MW - 6	12/10/15	3,629.17	-	24.06	0.00	3,605.11
MW - 6	01/13/16	3,629.17	-	24.09	0.00	3,605.08
MW - 6	02/08/16	3,629.17	-	24.10	0.00	3,605.07
MW - 6	03/11/16	3,629.17	-	24.10	0.00	3,605.07
MW - 6	04/12/16	3,629.17	-	24.09	0.00	3,605.08
MW - 6	04/25/16	3,629.17	-	24.10	0.00	3,605.07
MW - 6	05/12/16	3,629.17	-	24.11	0.00	3,605.06
MW - 6	06/20/16	3,629.17	-	24.13	0.00	3,605.04
MW - 6	07/19/16	3,629.17	-	24.12	0.00	3,605.05
MW - 6	08/11/16	3,629.17	-	24.10	0.00	3,605.07
MW - 6	09/21/16	3,629.17	-	23.95	0.00	3,605.22
MW - 6	11/10/16	3,629.17	-	24.04	0.00	3,605.13
MW - 6	12/21/16	3,629.17	-	24.05	0.00	3,605.12
MW - 6	01/17/17	3,629.17	-	24.08	0.00	3,605.09
MW - 6	02/15/17	3,629.17	-	24.08	0.00	3,605.09
MW - 6	03/13/17	3,629.17	-	24.09	0.00	3,605.08
MW - 6	04/05/17	3,629.17	-	24.10	0.00	3,605.07
MW - 6	05/08/17	3,629.17	-	24.09	0.00	3,605.08
MW - 6	06/19/17	3,629.17	-	24.12	0.00	3,605.05
MW - 6	07/03/17	3,629.17	-	24.12	0.00	3,605.05
MW - 6	08/16/17	3,629.17	-	24.05	0.00	3,605.12
MW - 6	09/12/17	3,629.17	-	24.00	0.00	3,605.17
MW - 6	09/26/18	3,629.17	-	24.15	0.00	3,605.02
MW - 6	10/04/17	3,629.17	-	24.07	0.00	3,605.10
MW - 6	11/01/17	3,629.17	-	24.05	0.00	3,605.12
MW - 6	12/06/17	3,629.17	-	24.09	0.00	3,605.08
MW - 6	01/30/18	3,629.17	-	24.10	0.00	3,605.07
MW - 6	02/19/18	3,629.17	-	24.10	0.00	3,605.07
MW - 6	03/06/18	3,629.17	-	24.12	0.00	3,605.05
MW - 6	04/10/18	3,629.17	-	24.13	0.00	3,605.04
MW - 6	05/02/18	3,629.17	-	24.12	0.00	3,605.05
MW - 6	06/07/18	3,629.17	-	24.14	0.00	3,605.03
MW - 6	08/01/18	3,629.17	-	24.14	0.00	3,605.03
MW - 6	08/14/18	3,629.17	-	24.14	0.00	3,605.03
MW - 6	09/24/18	3,629.17	-	24.15	0.00	3,605.02
MW - 6	11/14/18	3,629.17	-	24.09	0.00	3,605.08
MW - 6	12/10/18	3,629.17	-	24.10	0.00	3,605.07
MW - 6	01/10/19	3,629.17	-	24.10	0.00	3,605.07
MW - 6	02/11/19	3,629.17	-	24.11	0.00	3,605.06
MW - 6	03/14/19	3,629.17	-	24.12	0.00	3,605.05
MW - 6	04/10/19	3,629.17	-	24.13	0.00	3,605.04
MW - 6	05/07/19	3,629.17	-	24.13	0.00	3,605.04
MW - 6	07/30/19	3,629.17	-	24.15	0.00	3,605.02
MW - 6	08/19/19	3,629.17	-	24.15	0.00	3,605.02
MW - 6	09/16/19	3,629.17	-	24.15	0.00	3,605.02
MW - 6	11/18/19	3,629.17	-	24.12	0.00	3,605.05
MW - 6	12/27/19	3,629.17	-	24.13	0.00	3,605.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	01/20/20	3,629.17	-	24.14	0.00	3,605.03
MW - 6	02/12/20	3,629.17	-	24.15	0.00	3,605.02
MW - 6	05/12/20	3,629.17	-	24.14	0.00	3,605.03
MW - 6	06/04/20	3,629.17	-	24.15	0.00	3,605.02
MW - 6	07/31/20	3,629.17	-	24.18	0.00	3,604.99
MW - 6	08/17/20	3,629.17	-	24.17	0.00	3,605.00
MW - 6	09/08/20	3,629.17	-	24.16	0.00	3,605.01
MW - 6	10/28/20	3,629.17	-	24.17	0.00	3,605.00
MW - 6	11/18/20	3,629.17	-	24.16	0.00	3,605.01
MW - 6	12/22/20	3,629.17	-	24.16	0.00	3,605.01
MW - 6	01/18/21	3,629.17	-	24.17	0.00	3,605.00
MW - 6	02/08/21	3,629.17	-	24.18	0.00	3,604.99
MW - 6	03/03/21	3,629.17	-	24.18	0.00	3,604.99
MW - 6	04/26/21	3,629.17	-	24.17	0.00	3,605.00
MW - 6	05/18/21	3,629.17	-	24.17	0.00	3,605.00
MW - 6	06/08/21	3,629.17	-	24.18	0.00	3,604.99
MW - 6	07/14/21	3,629.17	-	24.13	0.00	3,605.04
MW - 6	08/16/21	3,629.17	-	24.16	0.00	3,605.01
MW - 6	10/11/21	3,629.17	-	24.13	0.00	3,605.04
MW - 6	11/29/21	3,629.17	-	24.06	0.00	3,605.11
MW - 6	01/10/22	3,629.17	-	24.17	0.00	3,605.00
MW - 6	02/28/22	3,629.17	-	24.16	0.00	3,605.01
MW - 6	04/15/22	3,629.17	-	24.17	0.00	3,605.00
MW - 6	06/07/22	3,629.17	-	24.19	0.00	3,604.98
MW - 6	08/31/22	3,629.17	-	24.20	0.00	3,604.97
MW - 6	11/03/22	3,629.17	-	24.26	0.00	3,604.91
MW - 6	02/22/23	3,629.17	-	24.27	0.00	3,604.90
MW - 6	05/18/23	3,629.17	-	24.25	0.00	3,604.92
MW - 6	08/01/23	3,629.17	-	24.32	0.00	3,604.85
MW - 6	11/02/23	3,629.17	-	24.12	0.00	3,605.05
MW - 6	02/13/24	3,629.17	-	24.21	0.00	3,604.96
MW - 6	05/07/24	3,629.17	-	24.16	0.00	3,605.01
MW - 6	08/27/24	3,629.17	-	24.32	0.00	3,604.85
MW - 6	11/11/24	3,629.17	-	24.18	0.00	3,604.99
MW - 7	08/31/00	3,628.07	-	22.86	0.00	3,605.21
MW - 7	11/17/00	3,628.07	-	22.85	0.00	3,605.22
MW - 7	03/07/01	3,628.07	-	22.80	0.00	3,605.27
MW - 7	05/30/01	3,628.07	-	22.80	0.00	3,605.27
MW - 7	08/27/01	3,628.07	-	22.84	0.00	3,605.23
MW - 7	10/12/01	3,628.07	-	22.80	0.00	3,605.27
MW - 7	02/25/02	3,628.07	-	22.83	0.00	3,605.24
MW - 7	05/13/02	3,628.07	-	22.83	0.00	3,605.24
MW - 7	09/10/02	3,628.07	-	22.88	0.00	3,605.19
MW - 7	11/15/02	3,628.07	-	22.83	0.00	3,605.24
MW - 7	05/13/03	3,628.07	-	22.85	0.00	3,605.22
MW - 7	08/22/03	3,628.07	-	22.88	0.00	3,605.19
MW - 7	12/15/03	3,628.07	-	22.86	0.00	3,605.21
MW - 7	03/04/04	3,628.07	-	22.85	0.00	3,605.22
MW - 7	05/25/04	3,628.07	-	22.80	0.00	3,605.27
MW - 7	08/31/04	3,628.07	-	22.90	0.00	3,605.17
MW - 7	12/10/04	3,628.07	-	21.91	0.00	3606.16
MW - 7	03/14/05	3,628.07	-	22.60	0.00	3,605.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	06/13/05	3,628.07	-	22.69	0.00	3,605.38
MW - 7	09/12/05	3,628.07	-	22.73	0.00	3,605.34
MW - 7	12/06/05	3,628.07	-	22.74	0.00	3,605.33
MW - 7	03/10/06	3,628.07	-	22.77	0.00	3,605.30
MW - 7	06/09/06	3,628.07	-	22.81	0.00	3,605.26
MW - 7	07/05/06	3,628.07	-	22.82	0.00	3,605.25
MW - 7	09/12/06	3,628.07	-	21.81	0.00	3,606.26
MW - 7	11/28/06	3,628.07	-	22.55	0.00	3,605.52
MW - 7	02/22/07	3,628.07	-	22.74	0.00	3,605.33
MW - 7	05/17/07	3,628.07	-	22.72	0.00	3,605.35
MW - 7	08/21/07	3,628.07	-	22.77	0.00	3,605.30
MW - 7	11/26/07	3,628.07	-	22.78	0.00	3,605.29
MW - 7	02/26/08	3,628.07	-	22.79	0.00	3,605.28
MW - 7	05/26/08	3,628.07	-	22.82	0.00	3,605.25
MW - 7	11/19/08	3,628.07	-	22.82	0.00	3,605.25
MW - 7	02/13/09	3,628.07	-	22.83	0.00	3,605.24
MW - 7	05/20/09	3,628.07	-	22.84	0.00	3,605.23
MW - 7	08/15/09	3,628.07	-	22.82	0.00	3,605.25
MW - 7	11/06/09	3,628.07	-	22.83	0.00	3,605.24
MW - 7	01/12/10	3,628.07	-	22.81	0.00	3,605.26
MW - 7	02/05/10	3,628.07	-	22.81	0.00	3,605.26
MW - 7	05/03/10	3,628.07	-	23.82	0.00	3,604.25
MW - 7	08/02/10	3,628.07	-	23.84	0.00	3,604.23
MW - 7	11/01/10	3,628.07	-	22.76	0.00	3,605.31
MW - 7	12/17/10	3,628.07	-	19.22	0.00	3,608.85
MW - 7	02/07/11	3,628.07	-	22.76	0.00	3,605.31
MW - 7	05/02/11	3,628.07	-	22.81	0.00	3,605.26
MW - 7	05/09/11	3,628.07	-	22.83	0.00	3,605.24
MW - 7	05/10/11	3,628.07	-	22.83	0.00	3,605.24
MW - 7	08/08/11	3,628.07	-	22.87	0.00	3,605.20
MW - 7	09/14/11	3,628.07	-	22.90	0.00	3,605.17
MW - 7	11/10/11	3,628.07	-	22.83	0.00	3,605.24
MW - 7	02/06/12	3,628.07	-	22.81	0.00	3,605.26
MW - 7	05/21/12	3,628.07	-	22.83	0.00	3,605.24
MW - 7	08/01/12	3,628.07	-	22.84	0.00	3,605.23
MW - 7	11/06/12	3,628.07	-	22.83	0.00	3,605.24
MW - 7	02/05/13	3,628.07	-	22.83	0.00	3,605.24
MW - 7	05/09/13	3,628.07	-	22.85	0.00	3,605.22
MW - 7	08/01/13	3,628.07	-	22.83	0.00	3,605.24
MW - 7	11/07/13	3,628.07	-	22.82	0.00	3,605.25
MW - 7	02/17/14	3,628.07	-	22.81	0.00	3,605.26
MW - 7	05/07/14	3,628.07	-	22.83	0.00	3,605.24
MW - 7	07/23/14	3,628.07	-	22.87	0.00	3,605.20
MW - 7	07/28/14	3,628.07	-	22.87	0.00	3,605.20
MW - 7	08/26/14	3,628.07	-	22.86	0.00	3,605.21
MW - 7	09/06/14	3,628.07	-	22.86	0.00	3,605.21
MW - 7	11/12/14	3,628.07	-	22.38	0.00	3,605.69
MW - 7	01/26/15	3,628.07	-	22.67	0.00	3,605.40
MW - 7	02/25/15	3,628.07	-	22.69	0.00	3,605.38
MW - 7	03/10/15	3,628.07	-	22.71	0.00	3,605.36
MW - 7	05/19/15	3,628.07	-	22.71	0.00	3,605.36
MW - 7	07/10/15	3,628.07	-	22.74	0.00	3,605.33
MW - 7	08/06/15	3,628.07	-	22.76	0.00	3,605.31

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	09/29/15	3,628.07	-	22.77	0.00	3,605.30
MW - 7	11/12/15	3,628.07	-	22.77	0.00	3,605.30
MW - 7	12/10/15	3,628.07	-	22.76	0.00	3,605.31
MW - 7	01/13/16	3,628.07	-	22.75	0.00	3,605.32
MW - 7	02/08/16	3,628.07	-	22.78	0.00	3,605.29
MW - 7	03/11/16	3,628.07	-	22.78	0.00	3,605.29
MW - 7	04/12/16	3,628.07	-	22.28	0.00	3,605.79
MW - 7	04/25/16	3,628.07	-	22.78	0.00	3,605.29
MW - 7	05/12/16	3,628.07	-	22.80	0.00	3,605.27
MW - 7	06/20/16	3,628.07	-	22.81	0.00	3,605.26
MW - 7	07/19/16	3,628.07	-	22.81	0.00	3,605.26
MW - 7	08/11/16	3,628.07	-	22.79	0.00	3,605.28
MW - 7	09/21/16	3,628.07	-	22.65	0.00	3,605.42
MW - 7	11/10/16	3,628.07	-	22.73	0.00	3,605.34
MW - 7	12/21/16	3,628.07	-	22.75	0.00	3,605.32
MW - 7	01/17/17	3,628.07	-	22.76	0.00	3,605.31
MW - 7	02/15/17	3,628.07	-	22.77	0.00	3,605.30
MW - 7	03/13/17	3,628.07	-	22.78	0.00	3,605.29
MW - 7	04/05/17	3,628.07	-	22.79	0.00	3,605.28
MW - 7	05/08/17	3,628.07	-	22.79	0.00	3,605.28
MW - 7	06/19/17	3,628.07	-	22.80	0.00	3,605.27
MW - 7	07/03/17	3,628.07	-	22.81	0.00	3,605.26
MW - 7	08/16/17	3,628.07	-	22.76	0.00	3,605.31
MW - 7	09/12/17	3,628.07	-	22.70	0.00	3,605.37
MW - 7	10/04/17	3,628.07	-	22.74	0.00	3,605.33
MW - 7	11/01/17	3,628.07	-	22.75	0.00	3,605.32
MW - 7	12/06/17	3,628.07	-	22.78	0.00	3,605.29
MW - 7	01/30/18	3,628.07	-	22.78	0.00	3,605.29
MW - 7	02/19/18	3,628.07	-	22.79	0.00	3,605.28
MW - 7	03/06/18	3,628.07	-	22.82	0.00	3,605.25
MW - 7	04/10/18	3,628.07	-	22.80	0.00	3,605.27
MW - 7	05/02/18	3,628.07	-	22.82	0.00	3,605.25
MW - 7	06/07/18	3,628.07	-	22.83	0.00	3,605.24
MW - 7	08/01/18	3,628.07	-	22.82	0.00	3,605.25
MW - 7	08/14/18	3,628.07	-	22.82	0.00	3,605.25
MW - 7	09/26/18	3,628.07	-	22.84	0.00	3,605.23
MW - 7	11/14/18	3,628.07	-	22.78	0.00	3,605.29
MW - 7	12/10/18	3,628.07	-	22.78	0.00	3,605.29
MW - 7	01/10/19	3,628.07	-	22.77	0.00	3,605.30
MW - 7	02/11/19	3,628.07	-	22.79	0.00	3,605.28
MW - 7	03/14/19	3,628.07	-	22.80	0.00	3,605.27
MW - 7	04/10/19	3,628.07	-	22.81	0.00	3,605.26
MW - 7	05/07/19	3,628.07	-	22.82	0.00	3,605.25
MW - 7	07/30/19	3,628.07	-	22.84	0.00	3,605.23
MW - 7	08/19/19	3,628.07	-	22.83	0.00	3,605.24
MW - 7	09/16/19	3,628.07	-	22.82	0.00	3,605.25
MW - 7	11/18/19	3,628.07	-	22.81	0.00	3,605.26
MW - 7	12/27/19	3,628.07	-	22.80	0.00	3,605.27
MW - 7	01/20/20	3,628.07	-	22.82	0.00	3,605.25
MW - 7	02/12/20	3,628.07	-	22.83	0.00	3,605.24
MW - 7	05/12/20	3,628.07	-	22.83	0.00	3,605.24
MW - 7	06/04/20	3,628.07	-	22.84	0.00	3,605.23
MW - 7	07/31/20	3,628.07	-	22.86	0.00	3,605.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAIN MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

Well ID	Measurement Date	Top-of-Casing Elevation (Feet)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	08/17/20	3,628.07	-	22.85	0.00	3,605.22
MW - 7	09/08/20	3,628.07	-	22.85	0.00	3,605.22
MW - 7	10/28/20	3,628.07	-	22.85	0.00	3,605.22
MW - 7	11/18/20	3,628.07	-	22.84	0.00	3,605.23
MW - 7	12/22/20	3,628.07	-	22.84	0.00	3,605.23
MW - 7	01/18/21	3,628.07	-	22.84	0.00	3,605.23
MW - 7	02/08/21	3,628.07	-	22.85	0.00	3,605.22
MW - 7	03/03/21	3,628.07	-	22.85	0.00	3,605.22
MW - 7	04/26/21	3,628.07	-	22.85	0.00	3,605.22
MW - 7	05/18/21	3,628.07	-	22.85	0.00	3,605.22
MW - 7	06/08/21	3,628.07	-	22.86	0.00	3,605.21
MW - 7	07/14/21	3,628.07	-	22.83	0.00	3,605.24
MW - 7	08/16/21	3,628.07	-	22.84	0.00	3,605.23
MW - 7	10/11/21	3,628.07	-	22.83	0.00	3,605.24
MW - 7	11/29/21	3,628.07	-	22.82	0.00	3,605.25
MW - 7	01/10/22	3,628.07	-	22.84	0.00	3,605.23
MW - 7	02/28/22	3,628.07	-	22.84	0.00	3,605.23
MW - 7	04/15/22	3,628.07	-	22.87	0.00	3,605.20
MW - 7	06/07/22	3,628.07	-	22.86	0.00	3,605.21
MW - 7	08/31/22	3,628.07	-	22.86	0.00	3,605.21
MW - 7	11/03/22	3,628.07	-	23.00	0.00	3,605.07
MW - 7	02/22/23	3,628.07	-	22.96	0.00	3,605.11
MW - 7	05/18/23	3,628.07	-	23.02	0.00	3,605.05
MW - 7	08/01/23	3,628.07	-	23.05	0.00	3,605.02
MW - 7	11/02/23	3,628.07	-	23.00	0.00	3,605.07
MW - 7	02/13/24	3,628.07	-	22.85	0.00	3,605.22
MW - 7	05/07/24	3,628.07	-	22.98	0.00	3,605.09
MW - 7	08/27/24	3,628.07	-	23.00	0.00	3,605.07
MW - 7	11/11/24	3,628.07	-	22.85	0.00	3,605.22

Notes:
1. BTOC = Below Top-of-Casing.
2. '- = No gauging data collected on corresponding date.
3. P&A = Plugged and Abandoned.
4. Elevations of the potentiometric surface were calculated using a PSH specific gravity of 0.85 gram/cubic centimenter (g/cc).

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 1	5/2/1997	ND	ND	ND	ND
MW - 1	8/15/1997	0.0020	ND	ND	ND
MW - 1	11/1/1997	0.0080	ND	0.002	0.0070
MW - 1	2/19/1998	0.0090	ND	ND	0.0030
MW - 1	01/23/99	0.0100	<0.001	<0.001	<0.002
MW - 1	05/20/99	0.0080	<0.001	<0.001	<0.002
MW - 1	09/07/99	0.0030	0.0020	<0.001	0.0030
MW - 1	12/10/99	0.0020	0.0010	<0.001	0.0010
MW - 1	03/06/00	<0.001	0.0020	<0.001	0.0010
MW - 1	05/16/00	<0.001	0.0020	0.001	<0.001
MW - 1	08/31/00	<0.001	<0.001	<0.001	<0.001
MW - 1	11/17/00	<0.001	<0.001	<0.001	<0.001
MW - 1	03/07/01	<0.001	<0.001	<0.001	<0.001
MW - 1	05/30/01	0.0080	<0.005	0.015	<0.005
MW - 1	08/27/01	<0.001	<0.001	<0.001	<0.001
MW - 1	10/12/01	<0.001	<0.001	<0.001	<0.001
MW - 1	02/25/02	<0.001	<0.001	<0.001	<0.001
MW - 1	05/13/02	<0.001	<0.001	<0.001	<0.001
MW - 1	09/10/02	<0.001	<0.001	<0.001	<0.001
MW - 1	11/15/02	<0.001	<0.001	<0.001	<0.001
MW - 1	02/11/03	<0.001	<0.001	<0.001	<0.001
MW - 1	05/13/03	<0.001	<0.001	<0.001	<0.001
MW - 1	08/22/03	<0.001	<0.001	<0.001	<0.001
MW - 1	12/15/03	<0.001	<0.001	<0.001	<0.002
MW - 1	03/04/04	<0.001	<0.001	<0.001	<0.002
MW - 1	08/31/04	<0.001	<0.001	<0.001	<0.002
MW - 1	12/10/04	**0.0126**	<0.005	0.008	0.032
MW - 1	03/14/05	NS	-	-	-
MW - 1	06/13/05	NS	-	-	-
MW - 1	09/12/05	NS	-	-	-
MW - 1	12/06/05	<0.005	<0.005	<0.005	<0.005
MW - 1	03/10/06	NS	-	-	-
MW - 1	06/09/06	NS	-	-	-
MW - 1	09/12/06	NS	-	-	-
MW - 1	11/28/06	<0.001	<0.001	0.0031	0.0341
MW - 1	02/22/07	NS	-	-	-
MW - 1	05/17/07	NS	-	-	-
MW - 1	08/21/07	<0.001	<0.001	<0.001	<0.001
MW - 1	11/26/07	<0.001	<0.001	<0.001	0.0052
MW - 1	02/26/08	NS	-	-	-
MW - 1	05/26/08	<0.005	<0.005	<0.005	<0.005
MW - 1	08/28/08	0.0022	0.0011	<0.00100	0.0041
MW - 1	11/19/08	<0.001	<0.001	<0.001	0.0061
MW - 1	02/13/09	<0.001	<0.001	<0.001	<0.001
MW - 1	05/20/09	NS	-	-	-
MW - 1	08/15/09	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 1	11/06/09	0.0035	<0.001	<0.001	<0.001
MW - 1	02/05/10	NS	-	-	-
MW - 1	05/03/10	NS	-	-	-
MW - 1	08/02/10	NS	-	-	-
MW - 1	11/01/10	PSH	-	-	-
MW - 1	02/07/11	PSH	-	-	-
MW - 1	05/10/11	PSH	-	-	-
MW - 1	08/08/11	PSH	-	-	-
MW - 1	11/10/11	PSH	-	-	-
MW - 1	02/16/12	NS	-	-	-
MW - 1	05/12/12	NS	-	-	-
MW - 1	08/01/12	NS	-	-	-
MW - 1	11/06/12	<0.005	<0.005	<0.005	<0.005
MW - 1	02/05/13	<0.005	<0.005	<0.005	<0.005
MW - 1	05/09/13	<0.001	<0.001	<0.001	<0.001
MW - 1	08/01/13	<0.001	<0.001	<0.001	0.0039
MW - 1	11/07/13	0.0031	<0.001	<0.001	<0.00300
MW - 1	02/17/14	0.00250	0.00250	<0.00100	0.0328
MW - 1	05/07/14	0.00260	<0.00100	<0.00100	<0.00300
MW - 1	08/26/14	<0.00500	<0.00500	<0.00500	<0.00500
MW - 1	11/12/14	**<0.0200**	<0.0200	<0.0200	<0.0200
MW - 1	02/25/15	**<0.0200**	<0.0200	<0.0200	<0.0200
MW - 1	05/19/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	08/06/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	02/08/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	05/12/16	0.00120	<0.00100	<0.00100	0.00170
MW - 1	08/11/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	11/10/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	02/15/17	<0.00200	<0.00200	0.00482	0.00414
MW - 1	05/08/17	<0.00200	<0.00200	0.00578	<0.00400
MW - 1	08/16/17	<0.00200	0.00216	<0.00200	0.01001
MW - 1	11/01/17	<0.00200	<0.00200	<0.00200	0.00308
MW - 1	02/19/18	<0.00200	<0.00200	<0.00200	0.00454
MW - 1	05/02/18	<0.00200	<0.00200	<0.00200	<0.00400
MW - 1	08/14/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 1	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 1	02/11/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	08/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	11/18/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	02/12/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	06/04/20	<0.00100	<0.00500	<0.00100	<0.00500
MW - 1	08/17/20	0.00353	0.00127	0.00158	<0.00200
MW - 1	11/18/20	<0.00100	0.00125	<0.00100	<0.00200
MW - 1	02/08/21	<0.00100	0.00234	0.00497	<0.00200

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 1	05/18/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	08/16/21	0.00306	0.0175	0.0108	0.0802
MW - 1	11/29/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	02/15/22	<0.00100	0.00597	0.00555	0.0402
MW - 1	03/01/22	<0.00100	0.00120	<0.00100	0.00241
MW - 1	06/07/22	<0.00100	<0.00100	<0.00100	0.00420
MW - 1	09/01/22	<0.00100	<0.00100	<0.00100	0.00111
MW - 1	11/03/22	<0.00100	<0.00100	0.00191	0.00828
MW - 1	02/14/24	<0.00100	0.00106	<0.00100	0.00169
MW - 1	05/07/24	<0.00100	0.00325	0.00213	0.00607
MW - 1	08/28/24	<0.00100	<0.00100	0.00170	0.00519
MW - 1	11/12/24	<0.00100	<0.00100	<0.00100	<0.00100
MW - 2	03/14/05	PSH	-	-	-
MW - 2	06/13/05	PSH	-	-	-
MW - 2	09/12/05	PSH	-	-	-
MW - 2	12/06/05	PSH	-	-	-
MW - 2	03/10/06	PSH	-	-	-
MW - 2	06/09/06	PSH	-	-	-
MW - 2	09/12/06	PSH	-	-	-
MW - 2	11/28/06	PSH	-	-	-
MW - 2	02/22/07	PSH	-	-	-
MW - 2	05/17/07	PSH	-	-	-
MW - 2	08/21/07	PSH	-	-	-
MW - 2	11/26/07	PSH	-	-	-
MW - 2	02/26/08	PSH	-	-	-
MW - 2	05/26/08	PSH	-	-	-
MW - 2	08/28/08	PSH	-	-	-
MW - 2	11/19/08	**0.5710**	0.4380	0.044	0.211
MW - 2	02/13/09	PSH	-	-	-
MW - 2	05/20/09	PSH	-	-	-
MW - 2	08/15/09	PSH	-	-	-
MW - 2	11/06/09	**0.0201**	<0.02	<0.02	0.0584
MW - 2	02/05/10	PSH	-	-	-
MW - 2	05/03/10	PSH	-	-	-
MW - 2	08/02/10	PSH	-	-	-
MW - 2	11/01/10	PSH	-	-	-
MW - 2	02/07/11	PSH	-	-	-
MW - 2	05/10/11	PSH	-	-	-
MW - 2	08/08/11	PSH	-	-	-
MW - 2	11/10/11	PSH	-	-	-
MW - 2	02/16/12	PSH	-	-	-
MW - 2	05/12/12	PSH	-	-	-
MW - 2	08/01/12	PSH	-	-	-
MW - 2	11/06/12	PSH	-	-	-
MW - 2	02/05/13	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 2	05/09/13	PSH	-	-	-
MW - 2	08/01/13	PSH	-	-	-
MW - 2	11/07/13	PSH	-	-	-
MW - 2	02/17/14	PSH	-	-	-
MW - 2	05/07/14	PSH	-	-	-
MW - 2	08/26/14	PSH	-	-	-
MW - 2	11/12/14	PSH	-	-	-
MW - 2	02/25/15	PSH	-	-	-
MW - 2	05/19/15	PSH	-	-	-
MW - 2	08/06/15	PSH	-	-	-
MW - 2	11/12/15	<0.00100	<0.00100	<0.00100	0.0128
MW - 2	02/08/16	<0.00100	<0.00100	<0.00100	0.00490
MW - 2	05/12/16	<0.00100	<0.00100	<0.00100	0.00260
MW - 2	08/11/16	<0.00100	<0.00100	<0.00100	0.00320
MW - 2	11/10/16	<0.00100	<0.00100	<0.00100	0.00170
MW - 2	02/15/17	0.00230	<0.00200	0.00490	0.00677
MW - 2	05/08/17	0.00308	<0.00200	0.00776	<0.00400
MW - 2	08/16/17	0.00365	0.00291	<0.00200	0.01192
MW - 2	11/01/17	0.00202	0.00289	<0.00200	0.00423
MW - 2	02/19/18	<0.00200	0.00352	<0.00200	<0.00400
MW - 2	05/02/18	**0.0450**	<0.0100	0.0146	<0.00400
MW - 2	08/14/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 2	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 2	02/11/19	<0.00100	0.00101	<0.00100	0.00208
MW - 2	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	08/19/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	11/18/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	02/12/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	06/04/20	0.00318	<0.00500	0.00208	0.00920
MW - 2	08/17/20	0.00309	0.00250	<0.00100	0.00377
MW - 2	11/18/20	0.00394	0.00710	0.0123	0.00713
MW - 2	02/08/21	<0.00100	0.00408	<0.00100	0.00320
MW - 2	05/18/21	<0.00100	0.00228	0.00115	0.00504
MW - 2	08/16/21	0.00249	0.00559	0.00286	0.01726
MW - 2	11/29/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	02/15/22	0.00249	0.00917	0.00664	0.0452
MW - 2	03/01/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	06/07/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	09/01/22	<0.00100	<0.00100	<0.00100	0.00229
MW - 2	11/03/22	<0.00100	<0.00100	<0.00100	0.00211
MW - 2	02/14/24	<0.00100	0.00181	<0.00100	0.00179
MW - 2	05/07/24	<0.00100	0.00112	<0.00100	<0.00200
MW - 2	08/28/24	<0.00100	<0.00100	0.00284	0.01010
MW - 2	11/12/24	<0.00100	0.00138	0.00174	0.00224
MW - 3	03/14/05	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 3	06/13/05	PSH	-	-	-
MW - 3	09/12/05	PSH	-	-	-
MW - 3	12/06/05	PSH	-	-	-
MW - 3	03/10/06	PSH	-	-	-
MW - 3	06/09/06	PSH	-	-	-
MW - 3	09/12/06	PSH	-	-	-
MW - 3	11/28/06	PSH	-	-	-
MW - 3	02/22/07	PSH	-	-	-
MW - 3	05/17/07	PSH	-	-	-
MW - 3	08/21/07	PSH	-	-	-
MW - 3	11/26/07	PSH	-	-	-
MW - 3	02/26/08	PSH	-	-	-
MW - 3	05/26/08	PSH	-	-	-
MW - 3	08/28/08	PSH	-	-	-
MW - 3	11/19/08	**2.4100**	**1.7400**	0.215	**0.694**
MW - 3	02/13/09	PSH	-	-	-
MW - 3	05/20/09	PSH	-	-	-
MW - 3	08/15/09	PSH	-	-	-
MW - 3	11/06/09	**0.0594**	<0.05	<0.05	0.0604
MW - 3	02/05/10	PSH	-	-	-
MW - 3	05/03/10	PSH	-	-	-
MW - 3	08/02/10	PSH	-	-	-
MW - 3	11/01/10	PSH	-	-	-
MW - 3	02/07/11	PSH	-	-	-
MW - 3	05/10/11	PSH	-	-	-
MW - 3	08/08/11	PSH	-	-	-
MW - 3	11/10/11	PSH	-	-	-
MW - 3	02/16/12	PSH	-	-	-
MW - 3	05/12/12	PSH	-	-	-
MW - 3	08/01/12	PSH	-	-	-
MW - 3	11/06/12	PSH	-	-	-
MW - 3	02/05/13	PSH	-	-	-
MW - 3	05/09/13	PSH	-	-	-
MW - 3	08/01/13	PSH	-	-	-
MW - 3	11/07/13	PSH	-	-	-
MW - 3	02/17/14	PSH	-	-	-
MW - 3	05/07/14	PSH	-	-	-
MW - 3	08/26/14	PSH	-	-	-
MW - 3	11/12/14	PSH	-	-	-
MW - 3	02/25/15	PSH	-	-	-
MW - 3	05/19/15	PSH	-	-	-
MW - 3	08/06/15	PSH	-	-	-
MW - 3	02/08/16	PSH	-	-	-
MW - 3	05/12/16	PSH	-	-	-
MW - 3	08/11/16	PSH	-	-	-
MW - 3	11/10/16	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 3	02/15/17	PSH	-	-	-
MW - 3	05/08/17	PSH	-	-	-
MW - 3	08/16/17	PSH	-	-	-
MW - 3	11/01/17	PSH	-	-	-
MW - 3	02/19/18	PSH	-	-	-
MW - 3	05/02/18	PSH	-	-	-
MW - 3	08/14/18	PSH	-	-	-
MW - 3	11/14/18	PSH	-	-	-
MW - 3	02/11/19	PSH	-	-	-
MW - 3	05/07/19	PSH	-	-	-
MW - 3	08/19/19	PSH	-	-	-
MW - 3	11/18/19	PSH	-	-	-
MW - 3	02/12/20	PSH	-	-	-
MW - 3	06/04/20	PSH	-	-	-
MW - 3	08/17/20	PSH	-	-	-
MW - 3A	11/18/20	0.00301	0.00151	<0.00100	<0.00200
MW - 3A	02/08/21	PSH	-	-	-
MW - 3A	05/18/21	PSH	-	-	-
MW - 3A	08/16/21	PSH	-	-	-
MW - 3A	11/29/21	0.00187	0.00220	0.00217	0.00908
MW - 3A	03/01/22	**0.0126**	0.0237	0.0278	0.1273
MW - 3A	06/07/22	0.00221	0.00404	0.00232	0.02642
MW - 3A	09/01/22	0.00226	0.00109	<0.00100	0.01064
MW - 3A	11/03/22	0.00338	0.00207	0.0014	0.01699
MW - 3A	02/14/24	0.00186	0.00302	0.00127	0.0137
MW - 3A	05/07/24	**0.0132**	0.0644	0.1340	0.1162
MW - 3A	08/28/24	0.00160	0.00502	0.0122	0.04865
MW - 3A	11/12/24	0.00171	0.00238	0.00192	0.00969
MW - 4	02/19/98	ND	ND	ND	ND
MW - 4	01/23/99	<0.001	<0.001	<0.001	<0.002
MW - 4	05/20/99	<0.001	<0.001	<0.002	<0.001
MW - 4	09/07/99	<0.001	<0.001	<0.001	<0.001
MW - 4	12/10/99	<0.001	<0.001	<0.001	<0.001
MW - 4	03/06/00	<0.001	<0.001	<0.001	0.0010
MW - 4	05/16/00	<0.001	0.0020	0.001	0.0010
MW - 4	08/31/00	<0.001	<0.001	<0.001	<0.001
MW - 4	11/17/00	<0.001	<0.001	<0.001	<0.001
MW - 4	03/07/01	<0.001	<0.001	<0.001	<0.001
MW - 4	05/30/01	0.0067	<0.005	<0.005	<0.005
MW - 4	08/27/01	<0.001	<0.001	<0.001	<0.001
MW - 4	10/12/01	<0.001	<0.001	<0.001	<0.001
MW - 4	02/25/02	<0.001	<0.001	<0.001	<0.001
MW - 4	05/13/02	<0.001	<0.001	<0.001	<0.001
MW - 4	09/10/02	<0.001	<0.001	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		0.01	0.75	0.75	0.62
MW - 4	11/15/02	<0.001	<0.001	<0.001	<0.001
MW - 4	02/11/03	<0.001	<0.001	<0.001	<0.001
MW - 4	05/13/03	<0.001	<0.001	<0.001	<0.001
MW - 4	08/22/03	<0.001	<0.001	<0.001	<0.001
MW - 4	12/15/03	<0.001	<0.001	<0.001	<0.002
MW - 4	03/04/04	<0.001	<0.001	<0.001	<0.002
MW - 4	12/10/04	<0.001	<0.001	<0.001	<0.001
MW - 4	03/14/05	NS	-	-	-
MW - 4	06/13/05	NS	-	-	-
MW - 4	09/12/05	NS	-	-	-
MW - 4	12/06/05	<0.001	<0.001	<0.001	
MW - 4	03/10/06	NS	-	-	-
MW - 4	06/09/06	NS	-	-	-
MW - 4	09/12/06	NS	-	-	-
MW - 4	11/28/06	<0.001	<0.001	<0.001	<0.001
MW - 4	02/22/07	NS	-	-	-
MW - 4	05/17/07	NS	-	-	-
MW - 4	08/21/07	NS	-	-	-
MW - 4	11/26/07	<0.001	<0.001	<0.001	<0.001
MW - 4	02/26/08	NS	-	-	-
MW - 4	05/26/08	NS	-	-	-
MW - 4	08/28/08	NS	-	-	-
MW - 4	11/19/08	<0.001	<0.001	<0.001	<0.001
MW - 4	02/13/09	NS	-	-	-
MW - 4	05/20/09	NS	-	-	-
MW - 4	08/15/09	NS	-	-	-
MW - 4	11/06/09	<0.001	<0.001	<0.001	<0.001
MW - 4	02/05/10	NS	-	-	-
MW - 4	05/03/10	NS	-	-	-
MW - 4	08/02/10	NS	-	-	-
MW - 4	11/01/10	<0.001	<0.001	<0.001	<0.001
MW - 4	02/07/11	NS	-	-	-
MW - 4	05/10/11	NS	-	-	-
MW - 4	08/08/11	NS	-	-	-
MW - 4	11/10/11	<0.001	<0.001	<0.001	<0.001
MW - 4	02/16/12	NS	-	-	-
MW - 4	05/12/12	NS	-	-	-
MW - 4	08/01/12	NS	-	-	-
MW - 4	11/06/12	<0.001	<0.001	<0.001	<0.001
MW - 4	02/05/13	NS	-	-	-
MW - 4	05/09/13	NS	-	-	-
MW - 4	08/01/13	NS	-	-	-
MW - 4	11/07/13	<0.001	<0.001	<0.001	<0.00300
MW - 4	02/17/14	NS	-	-	-
MW - 4	05/07/14	NS	-	-	-
MW - 4	08/26/14	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 4	11/12/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 4	02/25/15	NS	-	-	-
MW - 4	05/19/15	NS	-	-	-
MW - 4	08/06/15	NS	-	-	-
MW - 4	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 4	02/08/16	NS	-	-	-
MW - 4	05/12/16	NS	-	-	-
MW - 4	08/11/16	NS	-	-	-
MW - 4	11/10/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 4	02/15/17	NS	-	-	-
MW - 4	05/08/17	NS	-	-	-
MW - 4	08/16/17	NS	-	-	-
MW - 4	11/01/17	<0.00200	<0.00200	<0.00200	<0.002
MW - 4	02/19/18	NS	-	-	-
MW - 4	05/02/18	NS	-	-	-
MW - 4	08/14/18	NS	-	-	-
MW - 4	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 4	02/11/19	NS	-	-	-
MW - 4	05/07/19	NS	-	-	-
MW - 4	08/19/19	NS	-	-	-
MW - 4	11/18/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	02/12/20	NS	-	-	-
MW - 4	06/04/20	NS	-	-	-
MW - 4	08/17/20	NS	-	-	-
MW - 4	11/18/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	02/08/21	NS	-	-	-
MW - 4	05/18/21	NS	-	-	-
MW - 4	08/16/21	NS	-	-	-
MW - 4	11/29/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	03/01/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	06/07/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	09/01/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	11/03/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	02/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	05/07/24	<0.00100	0.00146	<0.00100	<0.00200
MW - 4	08/29/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	11/12/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 5	02/19/98	ND	ND	ND	ND
MW - 5	01/23/99	<0.001	<0.001	<0.001	<0.002
MW - 5	05/20/99	<0.001	<0.001	<0.001	<0.002
MW - 5	09/07/99	<0.001	<0.001	<0.001	<0.001
MW - 5	12/10/99	<0.001	<0.001	<0.001	<0.001
MW - 5	03/06/00	<0.001	<0.001	<0.001	0.0010
MW - 5	05/16/00	<0.001	<0.001	<0.001	<0.001
MW - 5	08/31/00	<0.001	<0.001	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 5	11/17/00	<0.001	<0.001	<0.001	<0.001
MW - 5	03/07/01	<0.001	<0.001	<0.001	<0.001
MW - 5	05/30/01	0.0067	<0.005	<0.005	<0.005
MW - 5	08/27/01	<0.001	<0.001	<0.001	<0.001
MW - 5	10/12/01	<0.001	<0.001	<0.001	<0.001
MW - 5	02/25/02	<0.001	<0.001	<0.001	<0.001
MW - 5	05/13/02	<0.001	<0.001	<0.001	<0.001
MW - 5	09/10/02	<0.001	<0.001	<0.001	<0.001
MW - 5	11/15/02	<0.001	<0.001	<0.001	<0.001
MW - 5	02/11/03	<0.001	<0.001	<0.001	<0.001
MW - 5	05/13/03	<0.001	<0.001	<0.001	<0.001
MW - 5	08/22/03	<0.001	<0.001	<0.001	<0.001
MW - 5	12/15/03	<0.001	<0.001	<0.001	<0.002
MW - 5	03/04/04	<0.001	<0.001	<0.001	<0.002
MW - 5	05/25/04	<0.001	<0.001	<0.001	<0.002
MW - 5	08/31/04	<0.001	<0.001	<0.001	<0.002
MW - 5	12/10/04	<0.001	<0.001	<0.001	<0.001
MW - 5	03/14/05	<0.001	<0.001	<0.001	<0.001
MW - 5	06/13/05	<0.001	<0.001	<0.001	<0.001
MW - 5	09/12/05	NS	-	-	-
MW - 5	12/06/05	<0.001	<0.001	<0.001	<0.001
MW - 5	03/10/06	NS	-	-	-
MW - 5	06/09/06	NS	-	-	-
MW - 5	09/12/06	NS	-	-	-
MW - 5	11/28/06	<0.001	<0.001	<0.001	<0.001
MW - 5	02/22/07	NS	-	-	-
MW - 5	05/17/07	NS	-	-	-
MW - 5	08/21/07	NS	-	-	-
MW - 5	11/26/07	<0.001	<0.001	<0.001	<0.001
MW - 5	02/26/08	NS	-	-	-
MW - 5	05/26/08	NS	-	-	-
MW - 5	08/28/08	NS	-	-	-
MW - 5	11/19/08	<0.001	<0.001	<0.001	<0.001
MW - 5	02/13/09	NS	-	-	-
MW - 5	05/20/09	NS	-	-	-
MW - 5	08/15/09	NS	-	-	-
MW - 5	11/06/09	<0.001	<0.001	<0.001	<0.001
MW - 5	02/05/10	NS	-	-	-
MW - 5	05/03/10	NS	-	-	-
MW - 5	08/02/10	NS	-	-	-
MW - 5	11/01/10	<0.001	<0.001	<0.001	<0.001
MW - 5	02/07/11	NS	-	-	-
MW - 5	05/10/11	NS	-	-	-
MW - 5	08/08/11	NS	-	-	-
MW - 5	11/10/11	<0.001	<0.001	<0.001	<0.001
MW - 5	02/16/12	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 5	05/12/12	NS	-	-	-
MW - 5	08/01/12	NS	-	-	-
MW - 5	11/06/12	<0.001	<0.001	<0.001	<0.001
MW - 5	02/05/13	NS	-	-	-
MW - 5	05/09/13	NS	-	-	-
MW - 5	08/01/13	NS	-	-	-
MW - 5	11/07/13	<0.001	<0.001	<0.001	<0.0030
MW - 5	02/17/14	NS	-	-	-
MW - 5	05/07/14	NS	-	-	-
MW - 5	08/26/14	NS	-	-	-
MW - 5	11/12/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 5	02/25/15	NS	-	-	-
MW - 5	05/19/15	NS	-	-	-
MW - 5	08/06/15	NS	-	-	-
MW - 5	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 5	02/08/16	NS	-	-	-
MW - 5	05/12/16	NS	-	-	-
MW - 5	08/11/16	NS	-	-	-
MW - 5	11/10/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 5	02/15/17	NS	-	-	-
MW - 5	05/08/17	NS	-	-	-
MW - 5	08/16/17	NS	-	-	-
MW - 5	11/01/17	<0.00200	<0.00200	<0.00200	<0.002
MW - 5	02/19/18	NS	-	-	-
MW - 5	05/02/18	NS	-	-	-
MW - 5	08/14/18	NS	-	-	-
MW - 5	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 5	02/11/19	NS	-	-	-
MW - 5	05/07/19	NS	-	-	-
MW - 5	08/19/19	NS	-	-	-
MW - 5	11/18/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 5	02/12/20	NS	-	-	-
MW - 5	06/04/20	NS	-	-	-
MW - 5	08/17/20	NS	-	-	-
MW - 5	11/18/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 5	02/08/21	NS	-	-	-
MW - 5	05/18/21	NS	-	-	-
MW - 5	08/16/21	NS	-	-	-
MW - 5	11/29/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 5	03/01/22	NS	-	-	-
MW - 5	06/07/22	NS	-	-	-
MW - 5	09/01/22	NS	-	-	-
MW - 5	11/03/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 5	02/14/24	NS	-	-	-
MW - 5	05/07/24	NS	-	-	-
MW - 5	08/29/24	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 5	11/12/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	02/19/98	ND	ND	ND	ND
MW - 6	01/23/99	<0.001	<0.001	<0.001	<0.002
MW - 6	05/20/99	<0.001	<0.001	<0.001	<0.002
MW - 6	09/07/99	<0.001	<0.001	<0.001	<0.001
MW - 6	12/10/99	<0.001	<0.001	<0.001	<0.001
MW - 6	03/06/00	<0.001	<0.001	<0.001	<0.001
MW - 6	05/16/00	<0.001	<0.001	<0.001	<0.001
MW - 6	08/31/00	<0.001	<0.001	<0.001	<0.001
MW - 6	11/17/00	<0.001	<0.001	<0.001	<0.001
MW - 6	03/07/01	<0.001	<0.001	<0.001	<0.001
MW - 6	05/30/01	<0.005	<0.005	<0.005	<0.005
MW - 6	02/25/02	<0.001	<0.001	<0.001	<0.001
MW - 6	05/13/02	<0.001	<0.001	<0.001	<0.001
MW - 6	09/10/02	<0.001	<0.001	<0.001	<0.001
MW - 6	11/15/02	<0.001	<0.001	<0.001	<0.001
MW - 6	02/11/03	<0.001	<0.001	<0.001	<0.001
MW - 6	05/13/03	<0.001	<0.001	<0.001	<0.001
MW - 6	08/22/03	<0.001	<0.001	<0.001	<0.001
MW - 6	12/15/03	<0.001	<0.001	<0.001	<0.002
MW - 6	03/04/04	<0.001	<0.001	<0.001	<0.002
MW - 6	12/10/04	0.0036	<0.001	<0.001	0.0032
MW - 6	03/14/05	NS	-	-	-
MW - 6	06/13/05	<0.001	<0.001	<0.001	<0.001
MW - 6	09/12/05	NS	-	-	-
MW - 6	12/06/05	<0.001	<0.001	<0.001	<0.001
MW - 6	03/10/06	NS	-	-	-
MW - 6	06/09/06	<0.001	<0.001	<0.001	<0.001
MW - 6	09/12/06	NS	-	-	-
MW - 6	11/28/06	<0.001	<0.001	<0.001	0.0013
MW - 6	02/22/07	NS	-	-	-
MW - 6	05/17/07	<0.001	<0.001	<0.001	<0.001
MW - 6	08/21/07	NS	-	-	-
MW - 6	11/26/07	<0.001	<0.001	<0.001	<0.001
MW - 6	02/26/08	NS	-	-	-
MW - 6	05/26/08	<0.001	<0.001	<0.001	0.0017
MW - 6	08/28/08	NS	-	-	-
MW - 6	11/19/08	<0.001	<0.001	<0.001	0.0017
MW - 6	02/13/09	NS	-	-	-
MW - 6	05/20/09	<0.001	<0.001	<0.001	<0.001
MW - 6	08/15/09	NS	-	-	-
MW - 6	11/06/09	<0.001	<0.001	<0.001	<0.001
MW - 6	02/05/10	NS	-	-	-
MW - 6	05/03/10	<0.001	<0.001	<0.001	<0.001
MW - 6	08/02/10	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 6	11/01/10	<0.001	<0.001	<0.001	<0.001
MW - 6	02/07/11	NS	-	-	-
MW - 6	05/10/11	<0.001	<0.001	<0.001	<0.001
MW - 6	08/08/11	NS	-	-	-
MW - 6	11/10/11	<0.001	<0.001	<0.001	<0.001
MW - 6	02/16/12	NS	-	-	-
MW - 6	05/12/12	<0.001	<0.001	<0.001	<0.001
MW - 6	08/01/12	NS	-	-	-
MW - 6	11/06/12	<0.001	<0.001	<0.001	<0.001
MW - 6	02/05/13	NS	-	-	-
MW - 6	05/09/13	<0.001	<0.001	<0.001	<0.001
MW - 6	08/01/13	NS	-	-	-
MW - 6	11/07/13	<0.001	<0.001	<0.001	<0.00300
MW - 6	02/17/14	NS	-	-	-
MW - 6	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300
MW - 6	08/26/14	NS	-	-	-
MW - 6	11/12/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	02/25/15	NS	-	-	-
MW - 6	05/19/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	08/06/15	NS	-	-	-
MW - 6	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	02/08/16	NS	-	-	-
MW - 6	05/12/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	08/11/16	NS	-	-	-
MW - 6	11/10/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	02/15/17	NS	-	-	-
MW - 6	05/08/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 6	08/16/17	NS	-	-	-
MW - 6	11/01/17	<0.00200	<0.00200	<0.00200	<0.002
MW - 6	02/19/18	NS	-	-	-
MW - 6	05/02/18	0.00353	0.00623	<0.00200	<0.00400
MW - 6	08/14/18	NS	-	-	-
MW - 6	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 6	02/11/19	NS	-	-	-
MW - 6	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	08/19/19	NS	-	-	-
MW - 6	11/18/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	02/12/20	NS	-	-	-
MW - 6	06/04/20	<0.00100	<0.00500	<0.00100	<0.00500
MW - 6	08/17/20	NS	-	-	-
MW - 6	11/18/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	02/08/21	NS	-	-	-
MW - 6	05/18/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	08/16/21	NS	-	-	-
MW - 6	11/29/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	03/01/22	<0.00100	<0.00100	<0.00100	<0.00200

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 6	06/07/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	09/01/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	11/03/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	02/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	05/07/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	08/29/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	11/12/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	02/19/98	ND	ND	ND	ND
MW - 7	01/23/99	<0.001	<0.001	<0.001	<0.002
MW - 7	05/20/99	<0.001	<0.001	<0.001	<0.002
MW - 7	09/07/99	<0.001	<0.001	<0.001	<0.001
MW - 7	12/10/99	<0.001	<0.001	<0.001	<0.001
MW - 7	03/06/00	<0.001	<0.001	<0.001	0.0010
MW - 7	05/16/00	0.0010	0.0040	0.001	0.0030
MW - 7	08/31/00	<0.001	<0.001	<0.001	<0.001
MW - 7	11/17/00	<0.001	<0.001	<0.001	<0.001
MW - 7	03/07/01	<0.001	<0.001	<0.001	<0.001
MW - 7	05/30/01	0.0065	<0.005	<0.005	<0.005
MW - 7	08/27/01	<0.001	<0.001	<0.001	<0.001
MW - 7	10/12/01	<0.001	<0.001	<0.001	<0.001
MW - 7	02/25/02	<0.001	<0.001	<0.001	<0.001
MW - 7	05/13/02	<0.001	<0.001	<0.001	<0.001
MW - 7	09/10/02	<0.001	<0.001	<0.001	<0.001
MW - 7	11/15/02	<0.001	<0.001	<0.001	<0.001
MW - 7	02/11/03	<0.001	<0.001	<0.001	<0.001
MW - 7	05/13/03	<0.001	<0.001	<0.001	<0.001
MW - 7	08/22/03	<0.001	<0.001	<0.001	<0.001
MW - 7	12/15/03	<0.001	<0.001	<0.001	<0.002
MW - 7	03/04/04	<0.001	<0.001	<0.001	<0.002
MW - 7	12/10/04	<0.001	<0.001	<0.001	<0.001
MW - 7	03/14/05	NS	-	-	-
MW - 7	06/13/05	<0.001	<0.001	<0.001	<0.001
MW - 7	09/12/05	NS	-	-	-
MW - 7	12/06/05	<0.001	<0.001	<0.001	<0.001
MW - 7	03/10/06	NS	-	-	-
MW - 7	06/09/06	<0.001	<0.001	<0.001	<0.001
MW - 7	09/12/06	NS	-	-	-
MW - 7	11/28/06	<0.001	<0.001	<0.001	<0.001
MW - 7	02/22/07	NS	-	-	-
MW - 7	05/17/07	<0.001	<0.001	<0.001	<0.001
MW - 7	08/21/07	NS	-	-	-
MW - 7	11/26/07	0.0031	<0.001	<0.001	<0.001
MW - 7	02/26/08	NS	-	-	-
MW - 7	05/26/08	<0.001	<0.001	<0.001	<0.001
MW - 7	08/28/08	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 7	11/19/08	<0.001	<0.001	<0.001	<0.001
MW - 7	02/13/09	NS	-	-	-
MW - 7	05/20/09	0.0071	<0.001	<0.001	<0.001
MW - 7	08/15/09	NS	-	-	-
MW - 7	11/06/09	0.0013	<0.001	<0.001	<0.001
MW - 7	02/05/10	NS	-	-	-
MW - 7	05/03/10	<0.001	<0.001	<0.001	<0.001
MW - 7	08/02/10	NS	-	-	-
MW - 7	11/01/10	<0.001	<0.001	<0.001	<0.001
MW - 7	02/07/11	NS	-	-	-
MW - 7	05/10/11	<0.001	<0.001	<0.001	<0.001
MW - 7	08/08/11	NS	-	-	-
MW - 7	11/10/11	<0.001	<0.001	<0.001	<0.001
MW - 7	02/16/12	NS	-	-	-
MW - 7	05/12/12	<0.001	<0.001	<0.001	<0.001
MW - 7	08/01/12	NS	-	-	-
MW - 7	11/06/12	<0.001	<0.001	<0.001	<0.001
MW - 7	02/05/13	NS	-	-	-
MW - 7	05/09/13	<0.001	<0.001	<0.001	<0.001
MW - 7	08/01/13	NS	-	-	-
MW - 7	11/07/13	<0.001	<0.001	<0.001	<0.00300
MW - 7	02/17/14	NS	-	-	-
MW - 7	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300
MW - 7	08/26/14	NS	-	-	-
MW - 7	11/12/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 7	02/25/15	NS	-	-	-
MW - 7	05/19/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 7	08/06/15	NS	-	-	-
MW - 7	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 7	02/08/16	NS	-	-	-
MW - 7	05/12/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 7	08/11/16	NS	-	-	-
MW - 7	11/10/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 7	02/15/17	NS	-	-	-
MW - 7	05/08/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 7	08/16/17	NS	-	-	-
MW - 7	11/01/17	<0.00200	<0.00200	<0.00200	<0.002
MW - 7	02/19/18	NS	-	-	-
MW - 7	05/02/18	<0.00200	<0.00200	<0.00200	<0.00400
MW - 7	08/14/18	NS	-	-	-
MW - 7	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 7	02/11/19	NS	-	-	-
MW - 7	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	08/19/19	NS	-	-	-
MW - 7	11/18/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	02/12/20	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 7	06/04/20	<0.00100	<0.00500	<0.00100	<0.00500
MW - 7	08/17/20	NS	-	-	-
MW - 7	11/18/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	02/08/21	NS	-	-	-
MW - 7	05/18/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	08/16/21	NS	-	-	-
MW - 7	11/29/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	03/01/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	06/07/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	09/01/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	11/03/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	02/14/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	05/07/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	08/29/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 7	11/12/24	<0.00100	<0.00100	<0.00100	<0.00200

Notes:
1. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis by Environmental Protection Agency (EPA) Method SW846-8021B.
2. All reported concentrations are reported as milligrams per liter (mg/L).
3. Bold font indicates laboratory results exceeding NMWQCC Human Health Standards.
4. ND - Non-detect above the Sample Detection Limit.
5. < - Not detected above the Sample Detection Limit.
6. NS - Not sampled.
7. '- - No data available for corresponding date.
8. PSH - Phase Separated Hydrocarbons.
9. P&A - Plugged and abandoned.

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-1	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000788	<0.000185	0.000887	<0.000185	0.000386	0.00226	0.000251	0.00143
MW-1	11/06/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922
MW-1	11/01/10	NS																		
MW-1	11/10/11	NS																		
MW-1	12/04/12	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	0.00347	<0.000948	<0.000948
MW-1	11/07/13	NS																		
MW-1	11/12/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-1	11/12/15	NS																		
MW-1	11/10/16	NS																		
MW-1	11/01/17	NS																		
MW-1	11/14/18	NS																		
MW-1	11/18/19	NS																		
MW-1	11/18/20	NS																		
MW-1	11/29/21	NS																		
MW-1	11/03/22	NS																		
MW-1	11/02/23	NS																		
MW-1	11/11/24	NS																		
MW-2	11/19/08	<0.0229	<0.0229	**0.115**	<0.0229	<0.0229	<0.0229	<0.0229	<0.0229	**0.0281**	<0.0229	<0.0229	**0.0786**	<0.0229	**0.114**	<0.0229	**0.0899**	**0.429**	**0.337**	0.0612
MW-2	11/06/09	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	**0.0152**	<0.00184	**0.0198**	<0.00184	**0.0190**	**0.112**	**0.0699**	0.0119
MW-2	11/01/10	NS																		
MW-2	11/10/11	PSH																		
MW-2	12/04/12	PSH																		
MW-2	11/07/13	PSH																		
MW-2	11/12/14	PSH																		
MW-2	11/12/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-2	11/10/16	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-2	11/01/17	NS																		
MW-2	11/14/18	NS																		
MW-2	11/18/19	NS																		
MW-2	11/18/20	NS																		
MW-2	11/29/21	NS																		
MW-2	11/03/22	NS																		
MW-2	11/02/23	NS																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-2	11/11/24	NS																		
MW-3	11/19/08	<0.0917	<0.0917	<0.0917	<0.0917	<0.0917	<0.0917	<0.0917	<0.0917	<0.0917	<0.0917	<0.0917	**0.373**	<0.0917	**0.473**	<0.0917	**0.468**	**1.85**	**1.79**	0.269
MW-3	11/06/09	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	**0.0134**	<0.000926	**0.0216**	<0.000926	**0.0178**	**0.105**	**0.0896**	0.0113
MW-3	11/01/10	NS																		
MW-3	11/10/11	PSH																		
MW-3	12/04/12	PSH																		
MW-3	11/07/13	PSH																		
MW-3	11/12/14	PSH																		
MW-3	11/12/15	PSH																		
MW-3	11/10/16	PSH																		
MW-3	11/01/17	PSH																		
MW-3	11/14/18	PSH																		
MW-3	11/18/19	PSH																		
MW-3	11/11/24	P&A																		
MW-3A	11/18/20	0.00016	0.00020	<0.00010	**0.00017**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0014**	<0.00010	**0.0024**	<0.00010	**0.0331**			0.0017
MW-3A	11/29/21	<0.00012	<0.00012	<0.00012	**<0.00012**	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	**0.0020**	<0.00012	**0.0015**	<0.00012	**0.0365**			0.0024
MW-3A	11/03/22	0.00067	0.0013	**<0.0011**	**<0.0011**	**<0.0011**	**<0.0011**	<0.0011	**<0.0011**	**<0.0011**	**<0.0011**	**0.0070**	**<0.0011**	**0.0093**	**<0.0011**	<0.00011	**0.089**			<0.0011
MW-3A	11/02/23	<0.0020	0.0035	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.021**	<0.0020	**0.032**	<0.0020	<0.0020	**0.286**			<0.0020
MW-3A	11/02/23	PSH																		
MW-3A	11/11/24	PSH																		
MW-4	11/19/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-4	11/06/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-4	11/01/10	NS																		
MW-4	11/10/11	NS																		
MW-4	12/04/12	NS																		
MW-4	11/07/13	NS																		
MW-4	11/12/14	NS																		
MW-4	11/12/15	NS																		
MW-4	11/10/16	NS																		
MW-4	11/01/17	NS																		
MW-4	11/14/18	NS																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-4	11/18/19	NS																		
MW-4	11/13/20	NS																		
MW-4	11/29/21	NS																		
MW-4	11/03/22	NS																		
MW-4	11/02/23	NS																		
MW-4	11/11/24	NS																		
MW-5	11/19/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-5	11/06/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-5	11/01/10	NS																		
MW-5	11/10/11	NS																		
MW-5	12/04/12	NS																		
MW-5	11/07/13	NS																		
MW-5	11/12/14	NS																		
MW-5	11/12/15	NS																		
MW-5	11/10/16	NS																		
MW-5	11/01/17	NS																		
MW-5	11/14/18	NS																		
MW-5	11/18/19	NS																		
MW-5	11/23/20	NS																		
MW-5	11/29/21	NS																		
MW-5	11/03/22	NS																		
MW-5	11/02/23	NS																		
MW-5	11/11/24	NS																		
MW-6	11/19/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-6	11/06/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-6	11/01/10	NS																		
MW-6	11/10/11	NS																		
MW-6	12/04/12	NS																		
MW-6	11/07/13	NS																		
MW-6	11/12/14	NS																		
MW-6	11/12/15	NS																		
MW-6	11/10/16	NS																		
MW-6	11/01/17	NS																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
SRS NO. TNM MONUMENT-10
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109536610

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-6	11/14/18	NS																	
MW-6	11/18/19	NS																	
MW-6	11/13/20	NS																	
MW-6	11/29/21	NS																	
MW-6	11/03/22	NS																	
MW-6	11/02/23	NS																	
MW-6	11/11/24	NS																	
MW-7	11/19/08	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.000237	<0.000186	<0.000186	0.00034	<0.000186	0.000338
MW-7	11/06/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-7	11/01/10	NS																	
MW-7	11/10/11	NS																	
MW-7	12/04/12	NS																	
MW-7	11/07/13	NS																	
MW-7	11/12/14	NS																	
MW-7	11/12/15	NS																	
MW-7	11/10/16	NS																	
MW-7	11/01/17	NS																	
MW-7	11/14/18	NS																	
MW-7	11/18/19	NS																	
MW-7	11/13/20	NS																	
MW-7	11/29/21	NS																	
MW-7	11/03/22	NS																	
MW-7	11/02/23	NS																	
MW-7	11/11/24	NS																	

Notes:

1. Polynuclear Aromatic Hydrocarbon (PAH) analysis by Environmental Protection Agency (EPA) Method SW846-8270C, 3510.
2. All reported concentrations are reported as milligrams per liter (mg/L).
3. Bold font indicates laboratory results exceeding NMWQCC Drinking Water Standards.
4. < - Not detected above the Sample Detection Limit.
5 NS - Not sampled.
6. PSH - Phase Separated Hydrocarbons.
7. P&A - Plugged and abandoned.

Table 7

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Benzene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)					
1	23-Feb-23	0.001	0.001	0.00861	0.001	0.001	0.001
2	18-May-23	0.001	0.001	0.00322	0.001	0.001	0.001
3	1-Aug-23	0.001	0.00169	0.00534	0.001	0.001	0.001
4	2-Nov-23	0.001	0.001	0.00136	0.001	0.001	0.001
5	14-Feb-24	0.001	0.001	0.00186	0.001	0.001	0.001
6	7-May-24	0.001	0.001	0.0132	0.001	0.001	0.001
7	29-Aug-24	0.001	0.001	0.0016	0.001	0.001	0.001
8	12-Nov-24	0.001	0.001	0.00171	0.001	0.001	0.001
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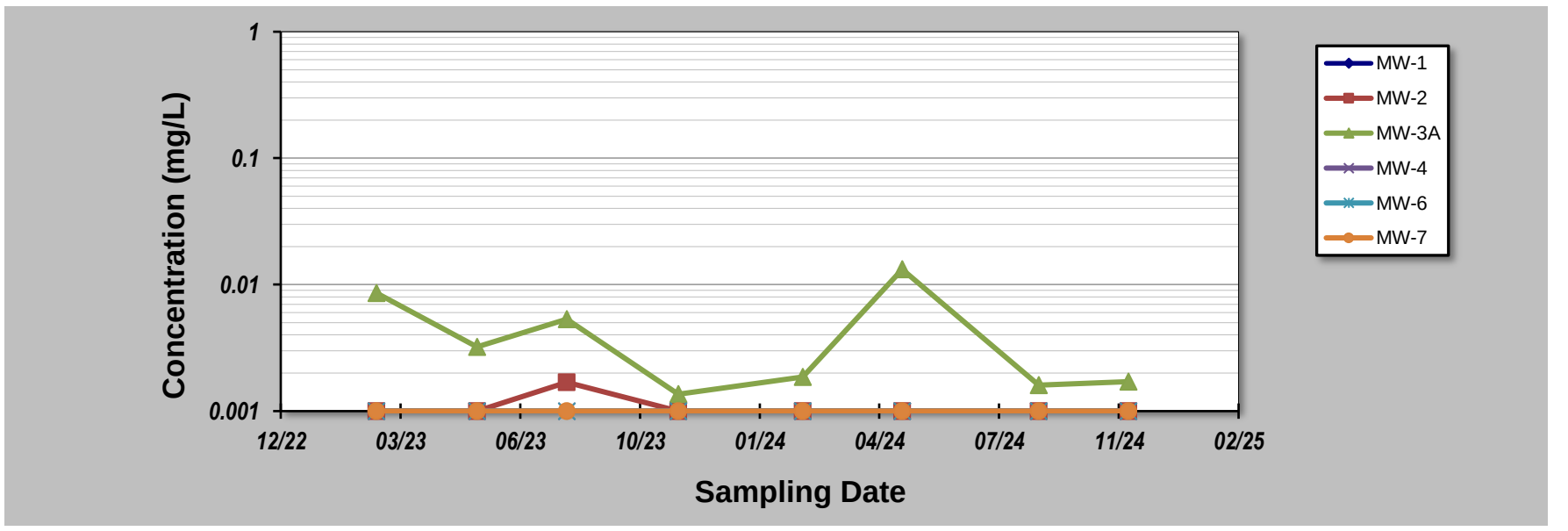
20							
Coefficient of Variation:		0.00	0.22	0.93	0.00	0.00	0.00
Mann-Kendall Statistic (S):		0	-3	-8	0	0	0
Confidence Factor:		45.2%	59.4%	80.1%	45.2%	45.2%	45.2%
Concentration Trend:		Stable	Stable	Stable	Stable	Stable	Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 8

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Toluene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7
Sampling Event	Sampling Date	TOLUENE CONCENTRATION (mg/L)					
1	23-Feb-23	0.00276	0.00178	0.0384	0.001	0.001	0.001
2	18-May-23	0.00249	0.00288	0.00777	0.001	0.001	0.001
3	1-Aug-23	0.0022	0.00492	0.0192	0.001	0.001	0.001
4	2-Nov-23	0.001	0.001	0.00135	0.001	0.001	0.001
5	14-Feb-24	0.00106	0.00181	0.00302	0.001	0.001	0.001
6	7-May-24	0.00325	0.00112	0.0644	0.00146	0.001	0.001
7	29-Aug-24	0.001	0.001	0.00502	0.001	0.001	0.001
8	12-Nov-24	0.001	0.00138	0.00238	0.001	0.001	0.001
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17							
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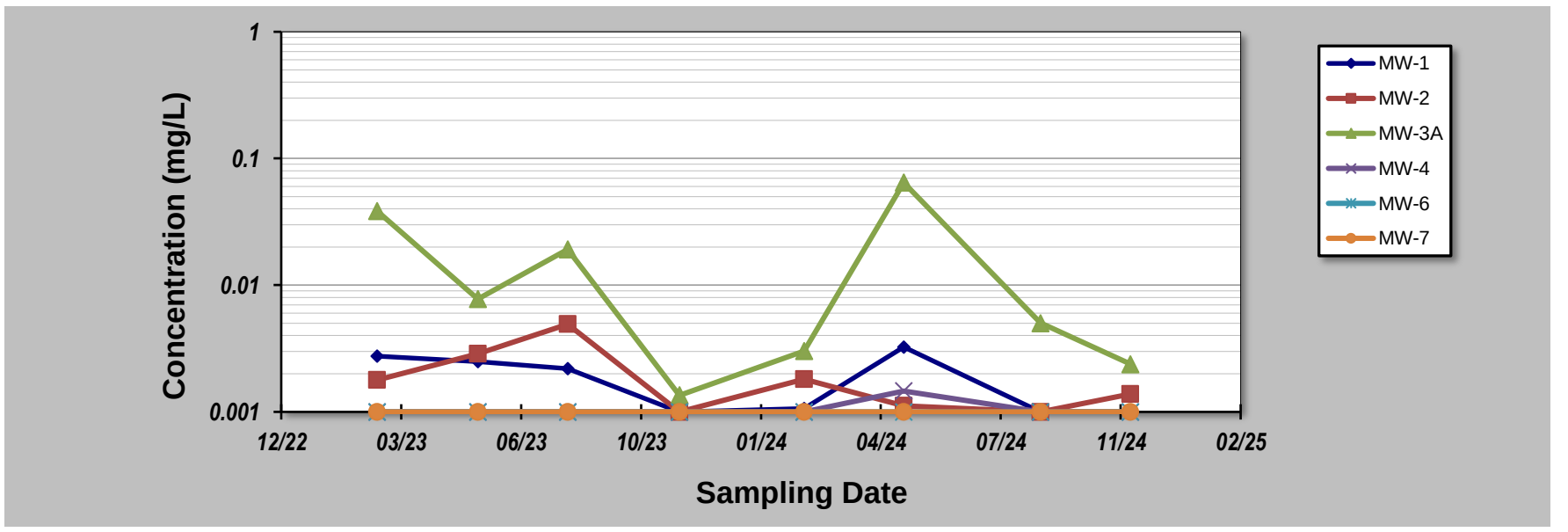
20							
Coefficient of Variation:		0.51	0.67	1.28	0.15	0.00	0.00
Mann-Kendall Statistic (S):		-13	-9	-8	3	0	0
Confidence Factor:		92.9%	83.2%	80.1%	59.4%	45.2%	45.2%
Concentration Trend:		Prob. Decreasing	Stable	No Trend	No Trend	Stable	Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 9

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Ethylbenzene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7
Sampling Event	Sampling Date	ETHYLBENZENE CONCENTRATION (mg/L)					
1	23-Feb-23	0.001	0.00115	0.046	0.001	0.001	0.001
2	18-May-23	0.00177	0.00246	0.00426	0.001	0.001	0.001
3	1-Aug-23	0.001	0.0038	0.0136	0.001	0.001	0.001
4	2-Nov-23	0.00182	0.00251	0.001	0.001	0.001	0.001
5	14-Feb-24	0.001	0.001	0.00127	0.001	0.001	0.001
6	7-May-24	0.00213	0.001	0.134	0.001	0.001	0.001
7	29-Aug-24	0.0017	0.00284	0.0122	0.001	0.001	0.001
8	12-Nov-24	0.001	0.00174	0.00192	0.001	0.001	0.001
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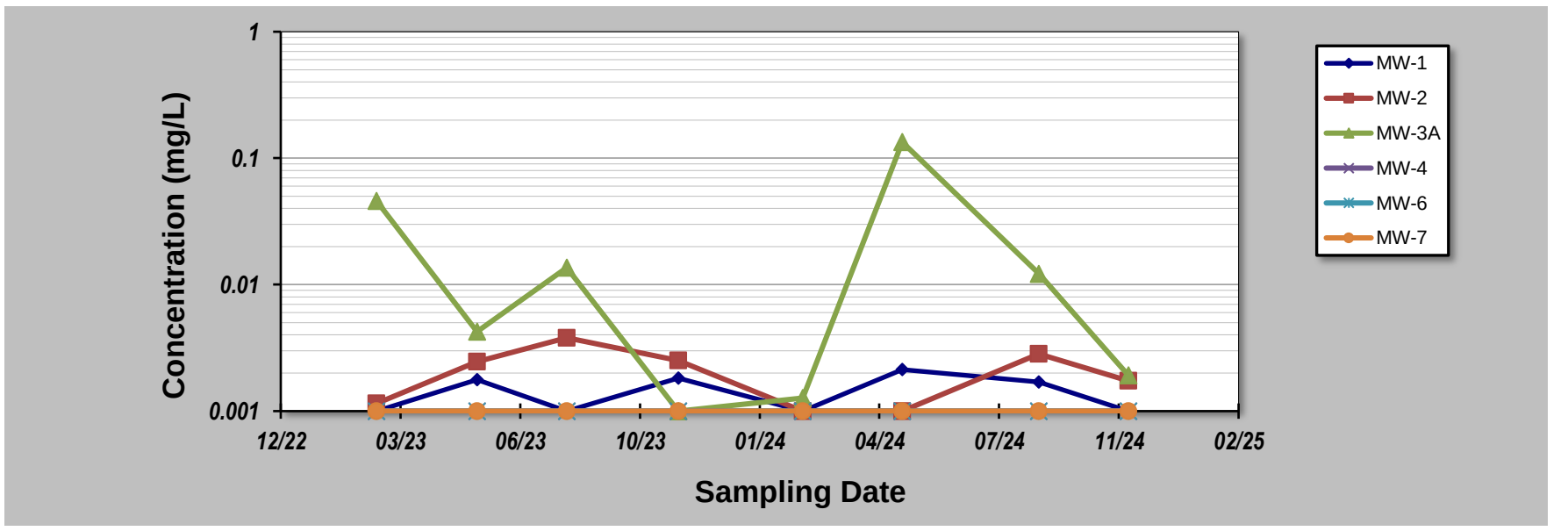
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		0.33	0.49	1.71	0.00	0.00	0.00
Mann-Kendall Statistic (S):		2	-1	-4	0	0	0
Confidence Factor:		54.8%	50.0%	64.0%	45.2%	45.2%	45.2%
Concentration Trend:		No Trend	Stable	No Trend	Stable	Stable	Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 10

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Xylenes
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7
Sampling Event	Sampling Date	XYLENES CONCENTRATION (mg/L)					
1	23-Feb-23	0.02591	0.00314	0.1151	0.002	0.002	0.002
2	18-May-23	0.00216	0.00233	0.0174	0.002	0.002	0.002
3	1-Aug-23	0.00243	0.01837	0.0377	0.002	0.002	0.002
4	2-Nov-23	0.0014	0.00206	0.0167	0.002	0.002	0.002
5	14-Feb-24	0.00169	0.00179	0.0137	0.002	0.002	0.002
6	7-May-24	0.00607	0.001	0.1162	0.001	0.001	0.001
7	29-Aug-24	0.00519	0.01081	0.04865	0.001	0.001	0.001
8	12-Nov-24	0.001	0.00224	0.00969	0.001	0.001	0.001
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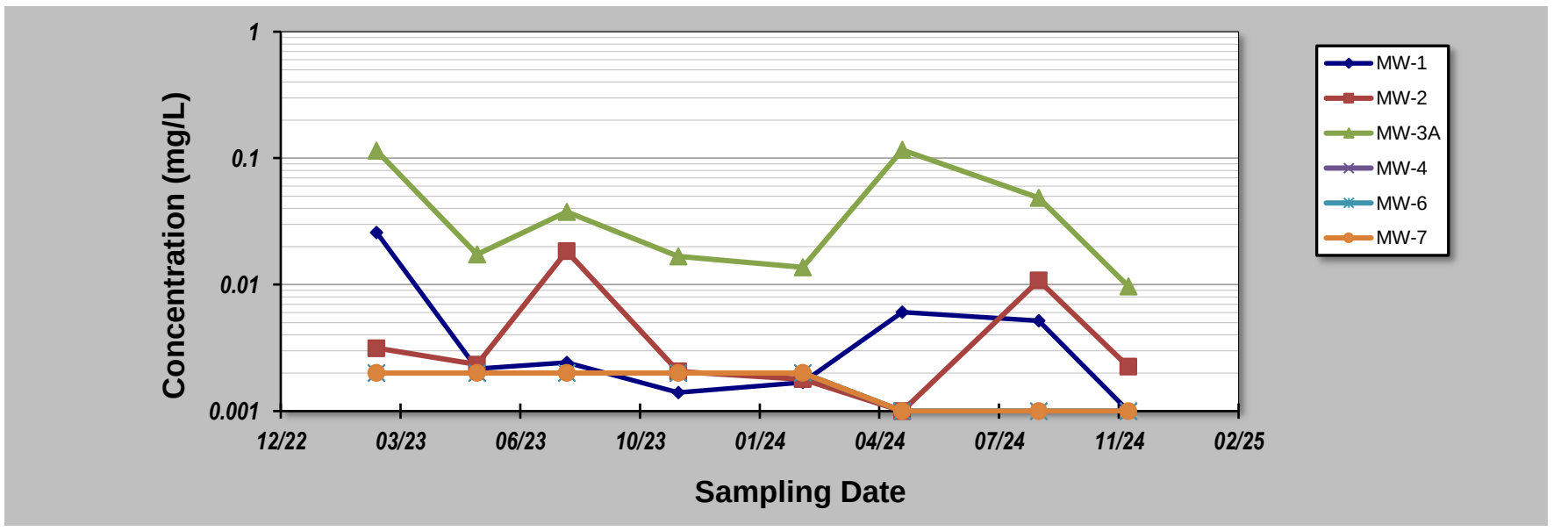
17							
18							
19							
20							
Coefficient of Variation:		1.46	1.18	0.95	0.32	0.32	0.32
Mann-Kendall Statistic (S):		-8	-8	-8	-15	-15	-15
Confidence Factor:		80.1%	80.1%	80.1%	95.8%	95.8%	95.8%
Concentration Trend:		No Trend	No Trend	Stable	Decreasing	Decreasing	Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 11

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Total Organic Carbon
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7
Sampling Event	Sampling Date	TOTAL ORGANIC CARBON CONCENTRATION (mg/L)					
1	23-Feb-23	17.2	1.99	8.55	4.27	5.74	4.27
2	18-May-23	18.8	3.38	1	4.12	6.19	4.75
3	1-Aug-23	16.3	3.4	6.7	4.32	6	4.84
4	2-Nov-23	1	1.66	979	3.8	5.42	4.38
5	14-Feb-24	18.7	5	10.8	3.39	20	4.93
6	7-May-24	19.3	2.82	85	6.88	12.6	6.04
7	29-Aug-24	1.79	4.76	1.97	5.14	7.01	8.69
8	12-Nov-24	18.2	6.35	26.6	3.58	5.42	6.1
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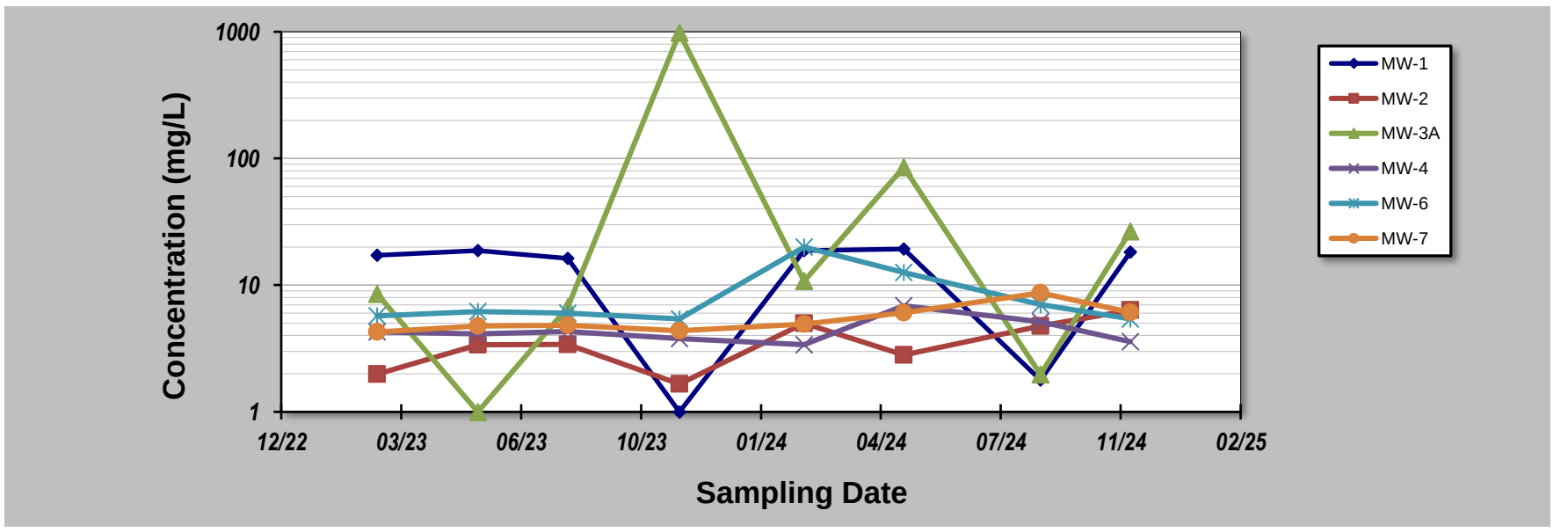
18							
19							
20							
Coefficient of Variation:		0.56	0.44	2.43	0.25	0.61	0.27
Mann-Kendall Statistic (S):		0	14	6	-2	1	22
Confidence Factor:		45.2%	94.6%	72.6%	54.8%	50.0%	99.8%
Concentration Trend:		Stable	Prob. Increasing	No Trend	Stable	No Trend	Increasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 12

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Dissolved Methane
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7
Sampling Event	Sampling Date	DISSOLVED METHANE CONCENTRATION (mg/L)					
1	23-Feb-23	0.242	0.289	1.55	0.000868	0.00553	0.00361
2	18-May-23	0.355	0.0568	0.56	0.00102	0.00136	0.00412
3	1-Aug-23	2.5	2.5	10	0.5	0.5	0.5
4	2-Nov-23	0.191	0.241	0.979	0.00113	0.0057	0.00129
5	14-Feb-24	0.172	0.252	1.8	0.229	0.0185	0.00518
6	7-May-24	0.254	0.183	1.37	0.0017	0.00422	0.00477
7	29-Aug-24	0.5	0.5	0.5	0.5	0.5	0.5
8	12-Nov-24	0.225	0.16	1.43	0.00089	0.006	0.0104
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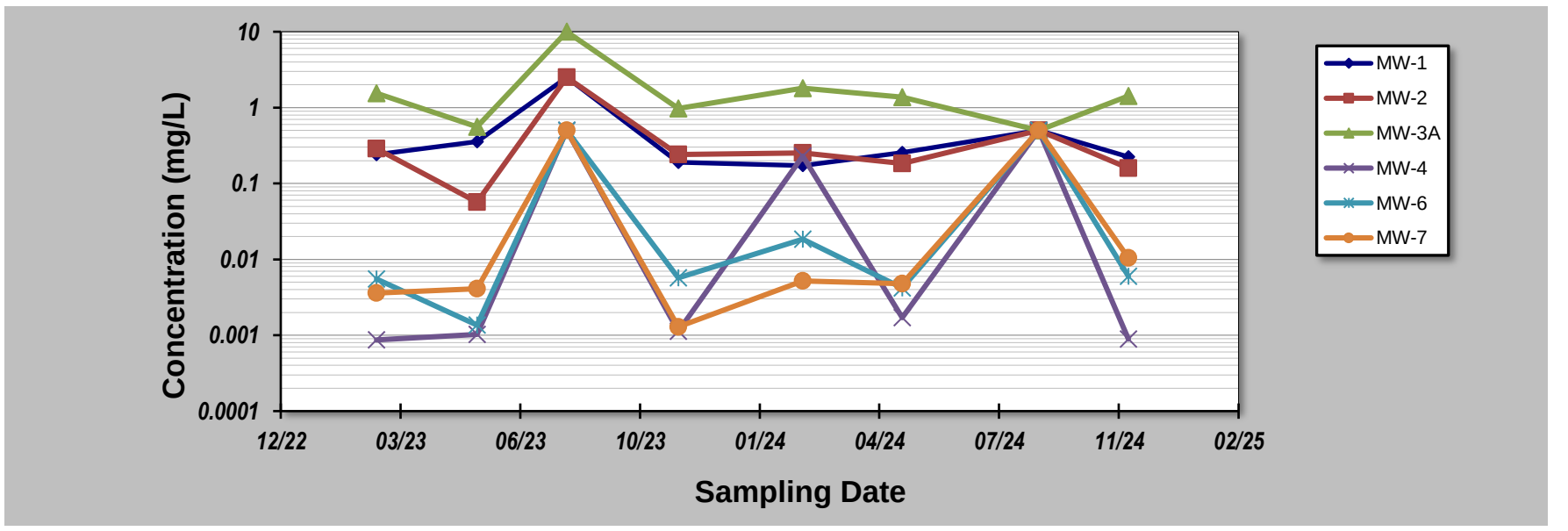
17							
18							
19							
20							
Coefficient of Variation:		1.43	1.55	1.39	1.47	1.75	1.78
Mann-Kendall Statistic (S):		-2	-4	-4	7	7	11
Confidence Factor:		54.8%	64.0%	64.0%	76.4%	76.4%	88.7%
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 13

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Dissolved Ethane
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7
Sampling Event	Sampling Date	DISSOLVED ETHANE CONCENTRATION (mg/L)					
1	23-Feb-23	0.001	0.001	0.00571	0.001	0.001	0.001
2	18-May-23	0.00175	0.001	0.00156	0.001	0.001	0.001
3	1-Aug-23	1	0.001	1	0.001	0.001	0.001
4	2-Nov-23	0.001	0.001	0.001	0.001	0.001	0.001
5	14-Feb-24	0.00304	0.00183	0.0113	0.00256	0.00127	0.00147
6	7-May-24	0.00198	0.001	0.001	0.001	0.005	0.001
7	29-Aug-24	1	1	1	1	1	1
8	12-Nov-24	0.001	0.001	0.00868	0.001	0.001	0.001
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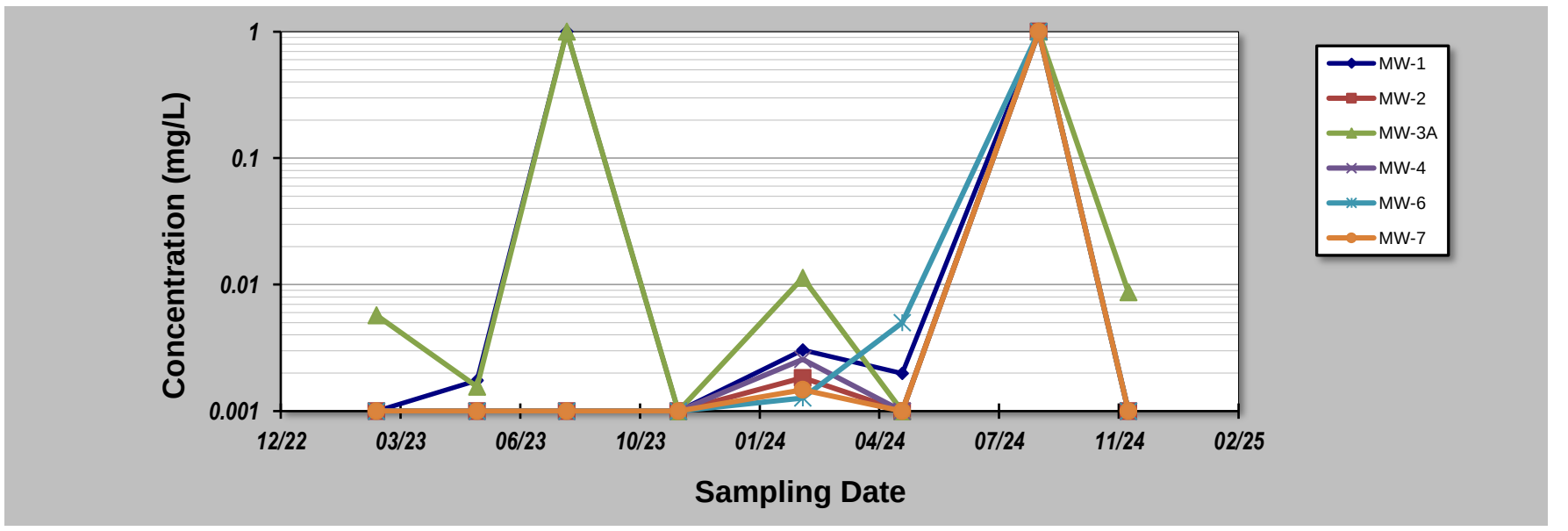
16							
17							
18							
19							
20							
Coefficient of Variation:		1.84	2.80	1.82	2.80	2.79	2.80
Mann-Kendall Statistic (S):		4	7	2	7	12	7
Confidence Factor:		64.0%	76.4%	54.8%	76.4%	91.1%	76.4%
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	Prob. Increasing	No Trend



Notes:

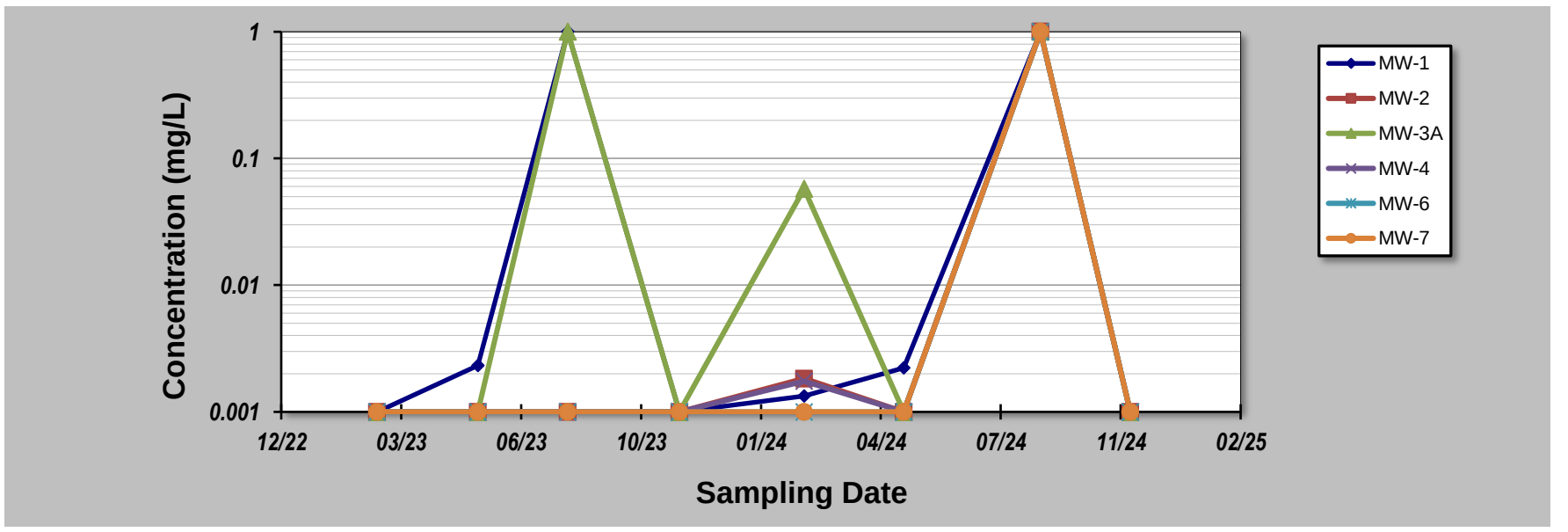
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 14

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Dissolved Ethene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7
Sampling Event	Sampling Date	DISSOLVED ETHENE CONCENTRATION (mg/L)					
1	23-Feb-23	0.001	0.001	0.001	0.001	0.001	0.001
2	18-May-23	0.00232	0.001	0.001	0.001	0.001	0.001
3	1-Aug-23	1	0.001	1	0.001	0.001	0.001
4	2-Nov-23	0.001	0.001	0.001	0.001	0.001	0.001
5	14-Feb-24	0.00133	0.00183	0.0578	0.00175	0.001	0.001
6	7-May-24	0.00223	0.001	0.001	0.001	0.001	0.001
7	29-Aug-24	1	1	1	1	1	1
8	12-Nov-24	0.001	0.001	0.001	0.001	0.001	0.001
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		1.84	2.80	1.78	2.80	2.81	2.81
Mann-Kendall Statistic (S):		2	7	3	7	5	5
Confidence Factor:		54.8%	76.4%	59.4%	76.4%	68.3%	68.3%
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 15

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Dissolved Iron
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7	
Sampling Event	Sampling Date	DISSOLVED IRON CONCENTRATION (mg/L)						
1	23-Feb-23	0.2	0.2	3.32	0.2	0.576	0.2	
2	18-May-23	0.2	0.2	0.313	0.2	0.2	0.2	
3	1-Aug-23	0.2	0.2	0.827	0.2	0.2	0.2	
4	2-Nov-23	0.361	0.2	2.58	0.2	0.2	0.2	
5	14-Feb-24	0.2	0.2	1.81	0.2	0.333	0.2	
6	7-May-24	0.26	0.2	2.37	0.2	0.2	0.2	
7	29-Aug-24	0.229	0.01	1.73	0.01	0.01	0.01	
8	12-Nov-24	0.239	0.2	1.46	0.2	0.2	0.2	
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13								
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15								
16								
17								
18								
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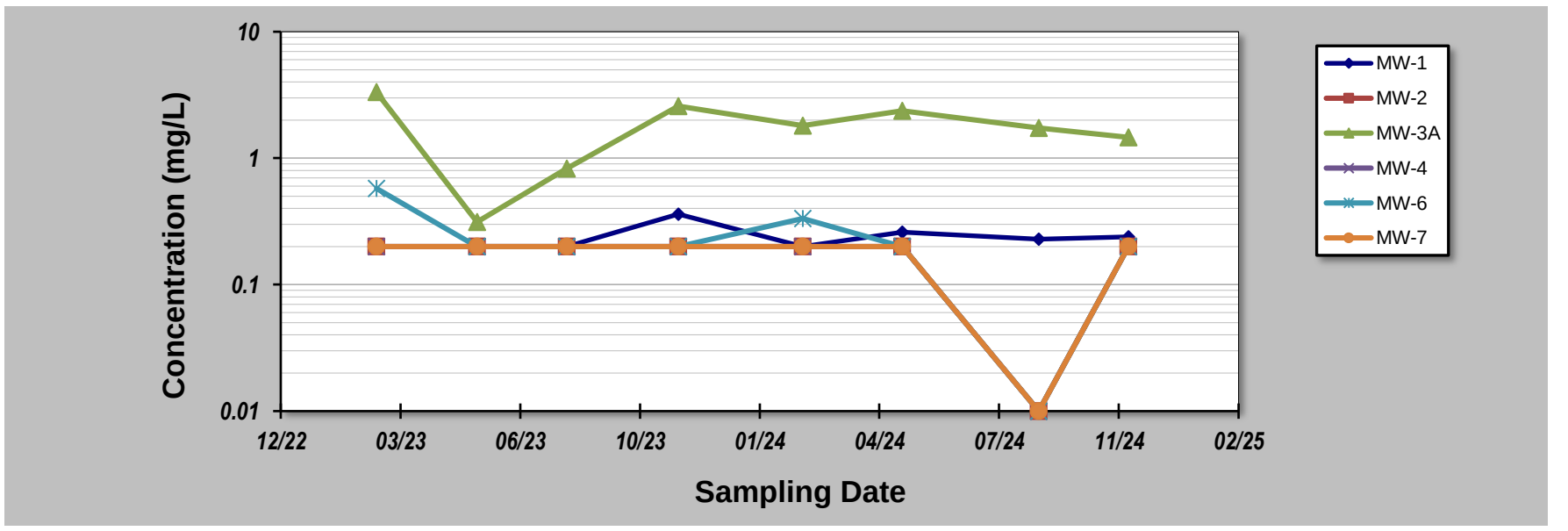
20								
Coefficient of Variation:		0.23	0.38	0.54	0.38	0.67	0.38	
Mann-Kendall Statistic (S):		10	-5	-4	-5	-10	-5	
Confidence Factor:		86.2%	68.3%	64.0%	68.3%	86.2%	68.3%	
Concentration Trend:		No Trend	Stable	Stable	Stable	Stable	Stable	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 16

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Dissolved Manganese
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7	
Sampling Event	Sampling Date	DISSOLVED MANGANESE CONCENTRATION (mg/L)						
1	23-Feb-23	1.4	0.0909	1.51	0.13	0.818	0.247	
2	18-May-23	0.136	0.041	1.21	0.269	0.209	0.0853	
3	1-Aug-23	1.4	0.283	1.07	0.022	0.287	0.0236	
4	2-Nov-23	1.35	0.202	1.05	0.332	0.773	0.112	
5	14-Feb-24	1.38	0.18	1.19	0.534	1.53	0.205	
6	7-May-24	1.37	0.155	1.05	0.19	1.15	0.113	
7	29-Aug-24	1.34	0.146	0.878	0.233	0.281	0.137	
8	12-Nov-24	1.28	0.139	0.794	0.195	0.46	0.142	
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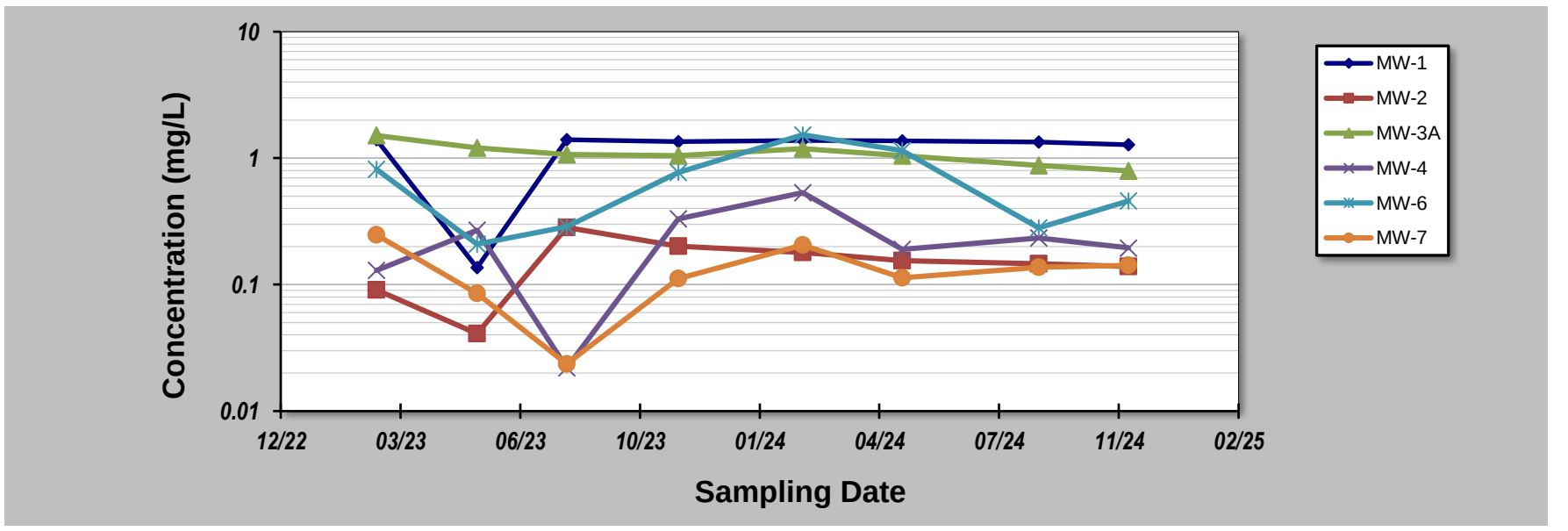
Coefficient of Variation:		0.36	0.47	0.20	0.63	0.68	0.52	
Mann-Kendall Statistic (S):		-11	-4	-23	4	2	6	
Confidence Factor:		88.7%	64.0%	99.9%	64.0%	54.8%	72.6%	
Concentration Trend:		Stable	Stable	Decreasing	No Trend	No Trend	No Trend	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 17

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Nitrate
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7

Sampling Event	Sampling Date	NITRATE CONCENTRATION (mg/L)					
1	23-Feb-23	0.2	0.633	0.2	2.16	0.206	0.759
2	18-May-23	0.2	1.08	0.871	2.12	0.331	0.57
3	1-Aug-23	0.226	0.832	0.229	2.39	0.501	0.791
4	2-Nov-23	0.238	0.998	0.206	2.53	0.29	1.04
5	14-Feb-24	0.2	1.25	0.912	1.99	0.2	0.2
6	7-May-24	0.2	0.2	0.2	0.453	0.2	0.2
7	29-Aug-24	0.2	1.04	0.2	2.27	0.218	0.689
8	12-Nov-24	0.2	0.211	0.2	2.08	0.521	0.591
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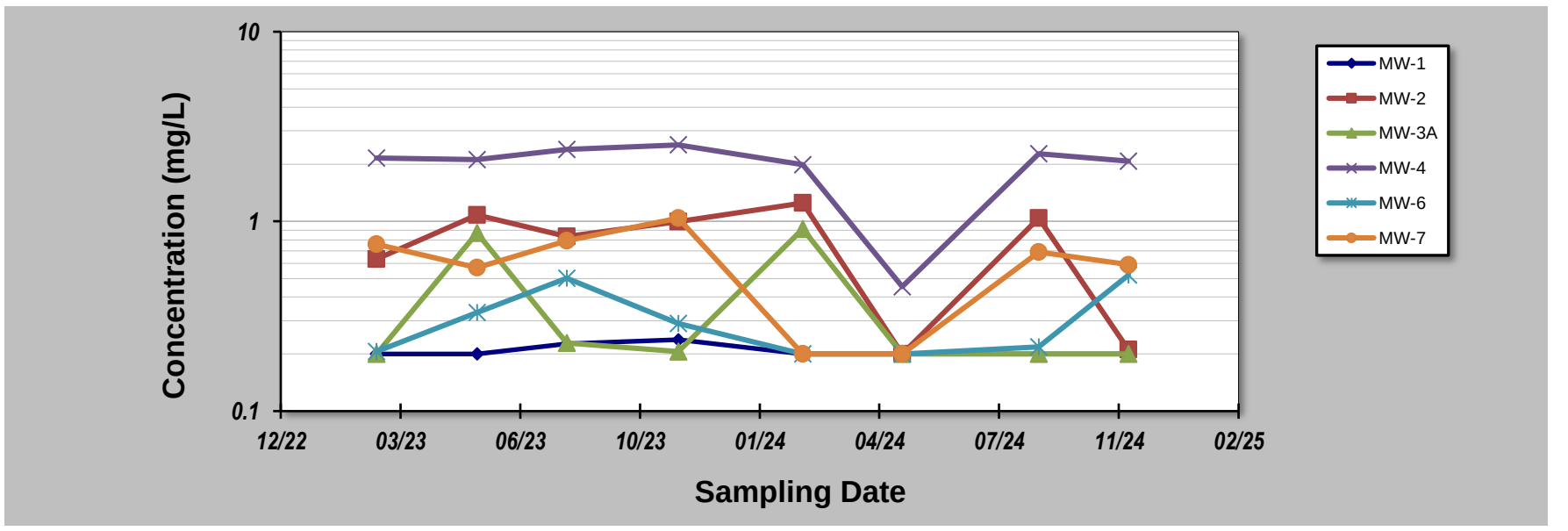
20							
Coefficient of Variation:		0.07	0.51	0.84	0.32	0.43	0.48
Mann-Kendall Statistic (S):		-3	-2	-8	-6	1	-5
Confidence Factor:		59.4%	54.8%	80.1%	72.6%	50.0%	68.3%
Concentration Trend:		Stable	Stable	Stable	Stable	No Trend	Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 18

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Sulfate
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7	
Sampling Event	Sampling Date	SULFATE CONCENTRATION (mg/L)						
1	23-Feb-23	12.2	38.4	1.33	79.4	22.8	48.4	
2	18-May-23	10	54.9	24.2	81.8	20.7	42.8	
3	1-Aug-23	11.1	39.9	2.2	81.5	25.2	52.3	
4	2-Nov-23	20.8	50.2	2.08	77.4	30.4	48.4	
5	14-Feb-24	12.4	36.9	5	66	15.4	35.9	
6	7-May-24	10.9	42.7	2.34	75.8	32	44.9	
7	29-Aug-24	14.8	44.5	2.91	76	25.3	46.9	
8	12-Nov-24	13.6	38.9	1	72.3	27.1	41.5	
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12								
13								
14								
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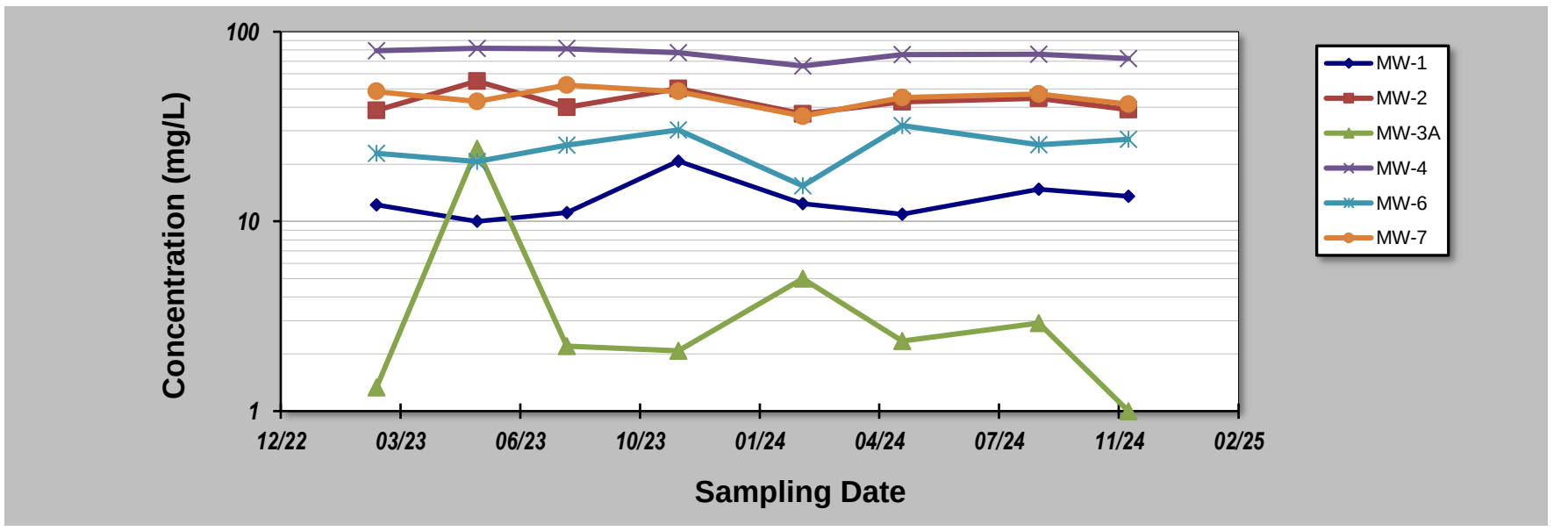
16								
17								
18								
19								
20								
Coefficient of Variation:		0.26	0.15	1.52	0.07	0.21	0.11	
Mann-Kendall Statistic (S):		8	-2	-2	-16	10	-9	
Confidence Factor:		80.1%	54.8%	54.8%	96.9%	86.2%	83.2%	
Concentration Trend:		No Trend	Stable	No Trend	Decreasing	No Trend	Stable	



Notes:

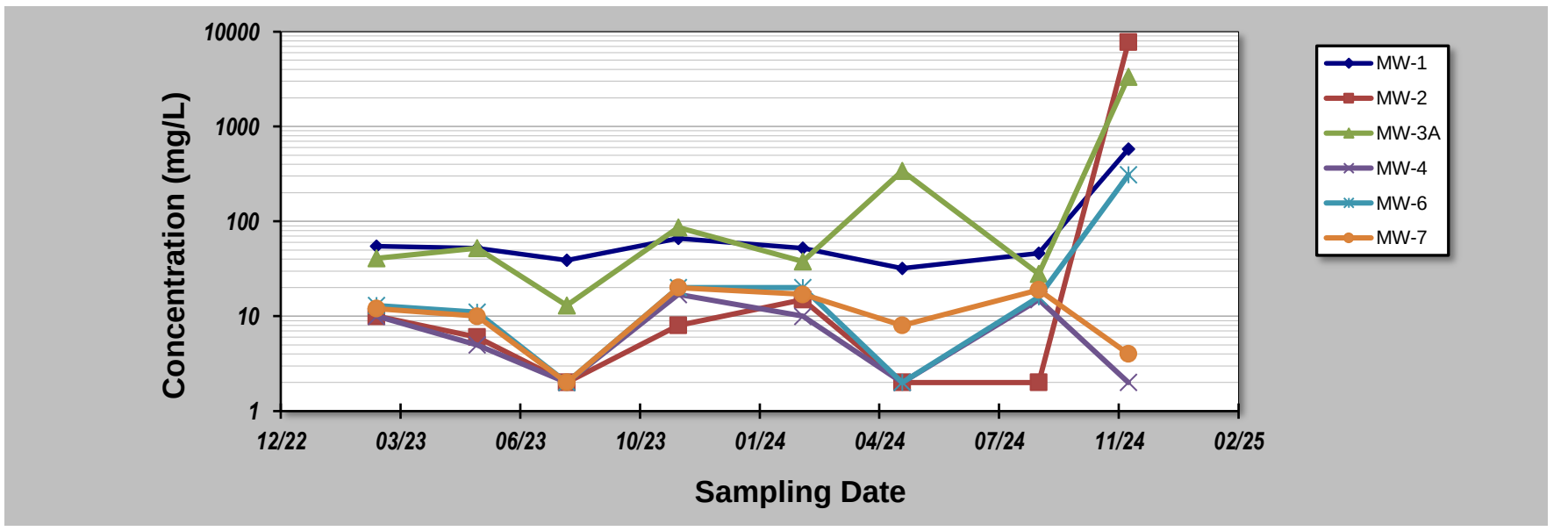
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

Table 19

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014170
Facility Name:	Monument 10	Constituent:	Chemical Oxygen Demand
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-2	MW-3A	MW-4	MW-6	MW-7
Sampling Event	Sampling Date	CHEMICAL OXYGEN DEMAND CONCENTRATION (mg/L)					
1	23-Feb-23	55	10	41	10	13	12
2	18-May-23	52	6	52	5	11	10
3	1-Aug-23	39	2	13	2	2	2
4	2-Nov-23	66	8	86	17	20	20
5	14-Feb-24	52	15	38	10	20	17
6	7-May-24	32	2	340	2	2	8
7	29-Aug-24	46	2	28	15	16	19
8	12-Nov-24	580	7760	3330	2	310	4
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		1.63	2.81	2.35	0.77	2.14	0.59
Mann-Kendall Statistic (S):		-1	1	8	-4	8	-2
Confidence Factor:		50.0%	50.0%	80.1%	64.0%	80.1%	54.8%
Concentration Trend:		No Trend	No Trend	No Trend	Stable	No Trend	Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

APPENDICES

APPENDIX A
Release Notification and Corrective Action
(NMOCD 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-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

x Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact:	Camille Reynolds
Address:	3705 E. Hwy 158, Midland, TX 79706	Telephone No.	505-441-0965
Facility Name	Monument #10	Facility Type:	Steel Pipeline

Surface Owner:	Mineral Owner	Lease No.
New Mexico State Land		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	30	19S	37E					Lea

Latitude 32 degrees 38’ 9.2” **Longitude** 103 degrees 17’ 2.4”

NATURE OF RELEASE

Type of Release:	Volume of Release:	Volume Recovered
Source of Release:	Date and Hour of Occurrence Unknown	Date and Hour of Discovery
Was Immediate Notice Given? Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Describe Area Affected and Cleanup Action Taken.*
NOTE: Texas-New Mexico Pipeline was the owner/operator of the pipeline system at the time of the release, initial response information is unavailable.

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:	OIL CONSERVATION DIVISION	
Printed Name: Camille Reynolds	Approved by District Supervisor:	
Title: Remediation Coordinator	Approval Date:	Expiration Date:
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:	Attached ☐
Date: 3/21/2005 Phone: (505)441-0965		

* Attach Additional Sheets If Necessary

APPENDIX B
2024 Laboratory Analytical Reports

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman

TRC Solutions- Midland, Texas

10 Desta Dr STE 150E

Midland, TX 79705

Project: Monument 10_MNA

Project Number: TNM Monument-10

Location: Lea County, NM

Lab Order Number: 4B15004

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 03/25/24

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	4B15004-01	Water	02/14/24 11:25	02-15-2024 08:36
MW-6	4B15004-02	Water	02/14/24 12:38	02-15-2024 08:36
MW-7	4B15004-03	Water	02/14/24 13:49	02-15-2024 08:36
MW-1	4B15004-04	Water	02/14/24 15:10	02-15-2024 08:36
MW-2	4B15004-05	Water	02/14/24 16:07	02-15-2024 08:36
MW-3A	4B15004-06	Water	02/14/24 17:33	02-15-2024 08:36
MW-4	4C13009-01	Water	03/12/24 10:21	03-13-2024 08:48
MW-6	4C13009-02	Water	02/14/24 10:35	03-13-2024 08:48
MW-7	4C13009-03	Water	02/14/24 10:50	03-13-2024 08:48
MW-1	4C13009-04	Water	02/14/24 11:07	03-13-2024 08:48
MW-2	4C13009-05	Water	02/14/24 11:25	03-13-2024 08:48
MW-3A	4C13009-06	Water	02/14/24 11:47	03-13-2024 08:48

Due to Instrument failure, Nitrate and Sulfate expired before the Instrument was repaired. These parameters were resampled by the client. This report reflects both the original sampling event as well as the resampled Nitrate and Sulfate.

TOC, Dissolved Metals, and RSK-175 analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:
https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4B15004-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 21:31	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 21:31	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 21:31	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 21:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 21:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*88.6 %*	*80-120*		*P4B1605*	*02/16/24 12:13*	*02/16/24 21:31*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.6 %*	*80-120*		*P4B1605*	*02/16/24 12:13*	*02/16/24 21:31*	*EPA 8021B*	
Ethane	**0.00256**	0.00100	mg/L	1	P4B2613	02/20/24 08:36	02/20/24 08:36	8015M	SUB-13
Ethene	**0.00175**	0.00100	mg/L	1	P4B2613	02/20/24 08:36	02/20/24 08:36	8015M	SUB-13
Methane	**0.229**	0.00500	mg/L	1	P4B2613	02/20/24 08:36	02/20/24 08:36	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	10.0	mg/L	1	P4B2112	02/21/24 09:26	02/22/24 14:14	8000	
Total Organic Carbon	**3.39**	1.00	mg/L	1	P4B2613	02/21/24 20:07	02/21/24 20:07	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:05	EPA 6020A	SUB-13
Manganese	**0.534**	0.00500	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:05	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-6

4B15004-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 21:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 21:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 21:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 21:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 21:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.7 %*	*80-120*		*P4B1605*	*02/16/24 12:13*	*02/16/24 21:54*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.6 %*	*80-120*		*P4B1605*	*02/16/24 12:13*	*02/16/24 21:54*	*EPA 8021B*	
Ethane	**0.00127**	0.00100	mg/L	1	P4B2613	02/20/24 08:48	02/20/24 08:48	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4B2613	02/20/24 08:48	02/20/24 08:48	8015M	SUB-13
Methane	**0.0185**	0.00500	mg/L	1	P4B2613	02/20/24 08:48	02/20/24 08:48	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**20.0**	10.0	mg/L	1	P4B2112	02/21/24 09:26	02/22/24 14:14	8000	
Total Organic Carbon	**7.23**	1.00	mg/L	1	P4B2613	02/21/24 20:19	02/21/24 20:19	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.333**	0.200	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:21	EPA 6020A	SUB-13
Manganese	**1.53**	0.00500	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:21	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-7

4B15004-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:03	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:03	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:03	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:03	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.6 %*	*80-120*		*P4B1605*	*02/16/24 12:13*	*02/16/24 23:03*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.9 %*	*80-120*		*P4B1605*	*02/16/24 12:13*	*02/16/24 23:03*	*EPA 8021B*	
Ethane	**0.00147**	0.00100	mg/L	1	P4B2613	02/20/24 08:57	02/20/24 08:57	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4B2613	02/20/24 08:57	02/20/24 08:57	8015M	SUB-13
Methane	**0.00518**	0.000500	mg/L	1	P4B2613	02/20/24 08:57	02/20/24 08:57	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**17.0**	10.0	mg/L	1	P4B2112	02/21/24 09:26	02/22/24 14:14	8000	
Total Organic Carbon	**4.93**	1.00	mg/L	1	P4B2613	02/21/24 20:32	02/21/24 20:32	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:24	EPA 6020A	SUB-13
Manganese	**0.205**	0.00500	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:24	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-1

4B15004-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:26	EPA 8021B	
Toluene	**0.00106**	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:26	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:26	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:26	EPA 8021B	
Xylene (o)	**0.00169**	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*80-120*		*P4B1605*	*02/16/24 12:13*	*02/16/24 23:26*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.3 %*	*80-120*		*P4B1605*	*02/16/24 12:13*	*02/16/24 23:26*	*EPA 8021B*	
Ethane	**0.00304**	0.00100	mg/L	1	P4B2613	02/20/24 09:09	02/20/24 09:09	8015M	SUB-13
Ethene	**0.00133**	0.00100	mg/L	1	P4B2613	02/20/24 09:09	02/20/24 09:09	8015M	SUB-13
Methane	**0.172**	0.00500	mg/L	1	P4B2613	02/20/24 09:09	02/20/24 09:09	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**52.0**	20.0	mg/L	1	P4B2112	02/21/24 09:26	02/22/24 14:14	8000	
Total Organic Carbon	**18.7**	10.0	mg/L	1	P4B2613	02/21/24 20:44	02/21/24 20:44	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:41	EPA 6020A	SUB-13
Manganese	**1.38**	0.00500	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:41	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-2

4B15004-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:49	EPA 8021B	
Toluene	**0.00181**	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:49	EPA 8021B	
Xylene (o)	**0.00179**	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/16/24 23:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.1 %*	*80-120*		*P4B1605*	*02/16/24 12:13*	*02/16/24 23:49*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*85.0 %*	*80-120*		*P4B1605*	*02/16/24 12:13*	*02/16/24 23:49*	*EPA 8021B*	
Ethane	**0.00183**	0.00100	mg/L	1	P4B2613	02/20/24 09:18	02/20/24 09:18	8015M	SUB-13
Ethene	**0.00183**	0.00100	mg/L	1	P4B2613	02/20/24 09:18	02/20/24 09:18	8015M	SUB-13
Methane	**0.252**	0.00500	mg/L	1	P4B2613	02/20/24 09:18	02/20/24 09:18	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**15.0**	10.0	mg/L	1	P4B2112	02/21/24 09:26	02/22/24 14:14	8000	
Total Organic Carbon	ND	5.00	mg/L	1	P4B2613	02/21/24 20:56	02/21/24 20:56	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:41	EPA 6020A	SUB-13
Manganese	**0.180**	0.00500	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:41	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-3A

4B15004-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00186**	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/17/24 00:12	EPA 8021B	
Toluene	**0.00302**	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/17/24 00:12	EPA 8021B	
Ethylbenzene	**0.00127**	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/17/24 00:12	EPA 8021B	
Xylene (p/m)	**0.0137**	0.00200	mg/L	1	P4B1605	02/16/24 12:13	02/17/24 00:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4B1605	02/16/24 12:13	02/17/24 00:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*86.8 %*		*80-120*	*P4B1605*	*02/16/24 12:13*	*02/17/24 00:12*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.8 %*		*80-120*	*P4B1605*	*02/16/24 12:13*	*02/17/24 00:12*	*EPA 8021B*	
Ethane	**0.0113**	0.00100	mg/L	1	P4B2613	02/20/24 10:51	02/20/24 10:51	8015M	SUB-13
Ethene	**0.0578**	0.0500	mg/L	1	P4B2613	02/20/24 10:51	02/20/24 10:51	8015M	SUB-13
Methane	**1.80**	0.0250	mg/L	1	P4B2613	02/20/24 10:51	02/20/24 10:51	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**38.0**	20.0	mg/L	1	P4B2112	02/21/24 09:26	02/22/24 14:14	8000	
Total Organic Carbon	**10.8**	10.0	mg/L	1	P4B2613	02/21/24 21:07	02/21/24 21:07	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**1.81**	0.200	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:44	EPA 6020A	SUB-13
Manganese	**1.19**	0.00500	mg/L	1	P4B2613	02/19/24 13:00	02/19/24 18:44	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4C13009-01 (Water)

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Nitrate as N	**1.99**	0.200	mg/L	1	P4C1911	03/14/24 10:32	03/19/24 18:22	EPA 300.0	
Sulfate	**66.0**	10.0	mg/L	10	P4C2014	03/20/24 15:58	03/21/24 22:24	EPA 300.0	

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-6

4C13009-02 (Water)

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Nitrate as N	ND	0.200	mg/L	1	P4C1911	03/14/24 10:32	03/19/24 18:41	EPA 300.0	
Sulfate	**15.4**	10.0	mg/L	10	P4C2014	03/20/24 15:58	03/21/24 22:44	EPA 300.0	

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-7

4C13009-03 (Water)

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Nitrate as N	ND	0.200	mg/L	1	P4C1911	03/14/24 10:32	03/19/24 19:01	EPA 300.0	
Sulfate	**35.9**	10.0	mg/L	10	P4C2014	03/20/24 15:58	03/21/24 23:03	EPA 300.0	

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-1

4C13009-04 (Water)

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Nitrate as N	ND	0.200	mg/L	1	P4C1911	03/14/24 10:32	03/19/24 19:20	EPA 300.0	
Sulfate	**12.4**	10.0	mg/L	10	P4C2014	03/20/24 15:58	03/21/24 23:23	EPA 300.0	

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-2

4C13009-05 (Water)

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Nitrate as N	**1.25**	0.200	mg/L	1	P4C1911	03/14/24 10:32	03/19/24 20:18	EPA 300.0	
Sulfate	**36.9**	5.00	mg/L	5	P4C2014	03/20/24 15:58	03/22/24 00:21	EPA 300.0	

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-3A

4C13009-06 (Water)

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Nitrate as N	**0.912**	0.200	mg/L	1	P4C1911	03/14/24 10:32	03/19/24 21:16	EPA 300.0	
Sulfate	ND	5.00	mg/L	5	P4C2014	03/20/24 15:58	03/22/24 01:19	EPA 300.0	

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B1605 - * DEFAULT PREP *** **										
Blank (P4B1605-BLK1)				Prepared & Analyzed: 02/16/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*89.8*	*80-120*			
LCS (P4B1605-BS1)				Prepared & Analyzed: 02/16/24						
Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.0952	0.00100	"	0.100		95.2	80-120			
Ethylbenzene	0.0939	0.00100	"	0.100		93.9	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		91.9	80-120			
Xylene (o)	0.0805	0.00100	"	0.100		80.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*91.2*	*80-120*			
LCS Dup (P4B1605-BSD1)				Prepared & Analyzed: 02/16/24						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120	4.16	20	
Toluene	0.0906	0.00100	"	0.100		90.6	80-120	4.99	20	
Ethylbenzene	0.0884	0.00100	"	0.100		88.4	80-120	6.06	20	
Xylene (p/m)	0.175	0.00200	"	0.200		87.3	80-120	5.16	20	
Xylene (o)	0.0804	0.00100	"	0.100		80.4	80-120	0.186	20	
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*90.0*	*80-120*			
Calibration Blank (P4B1605-CCB1)				Prepared & Analyzed: 02/16/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*88.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*89.6*	*80-120*			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B1605 - * DEFAULT PREP *** **										
Calibration Blank (P4B1605-CCB2)				Prepared & Analyzed: 02/16/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.160		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*86.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.107*		*"*	*0.120*		*89.5*	*80-120*			
Calibration Check (P4B1605-CCV1)				Prepared & Analyzed: 02/16/24						
Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.0980	0.00100	"	0.100		98.0	80-120			
Ethylbenzene	0.0962	0.00100	"	0.100		96.2	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		93.8	80-120			
Xylene (o)	0.0827	0.00100	"	0.100		82.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.101*		*"*	*0.120*		*84.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*91.0*	*80-120*			
Calibration Check (P4B1605-CCV2)				Prepared & Analyzed: 02/16/24						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.0945	0.00100	"	0.100		94.5	80-120			
Ethylbenzene	0.0926	0.00100	"	0.100		92.6	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200		91.1	80-120			
Xylene (o)	0.0806	0.00100	"	0.100		80.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.101*		*"*	*0.120*		*84.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.107*		*"*	*0.120*		*89.5*	*80-120*			
Calibration Check (P4B1605-CCV3)				Prepared: 02/16/24 Analyzed: 02/17/24						
Benzene	0.117	0.00100	mg/L	0.100		117	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.0922	0.00100	"	0.100		92.2	80-120			
Xylene (p/m)	0.191	0.00200	"	0.200		95.6	80-120			
Xylene (o)	0.0862	0.00100	"	0.100		86.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.102*		*"*	*0.120*		*85.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		*"*	*0.120*		*91.8*	*80-120*			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B1605 - * DEFAULT PREP *** **										
Matrix Spike (P4B1605-MS1)	**Source: 4B15004-01**			Prepared: 02/16/24 Analyzed: 02/17/24						
Benzene	0.112	0.00100	mg/L	0.100	ND	112	80-120			
Toluene	0.0949	0.00100	"	0.100	ND	94.9	80-120			
Ethylbenzene	0.0918	0.00100	"	0.100	ND	91.8	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200	ND	89.9	80-120			
Xylene (o)	0.0791	0.00100	"	0.100	ND	79.1	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		"	*0.120*		*92.1*	*80-120*			
Matrix Spike Dup (P4B1605-MSD1)	**Source: 4B15004-01**			Prepared: 02/16/24 Analyzed: 02/17/24						
Benzene	0.111	0.00100	mg/L	0.100	ND	111	80-120	0.673	20	
Toluene	0.0948	0.00100	"	0.100	ND	94.8	80-120	0.0843	20	
Ethylbenzene	0.0918	0.00100	"	0.100	ND	91.8	80-120	0.0653	20	
Xylene (p/m)	0.180	0.00200	"	0.200	ND	90.2	80-120	0.261	20	
Xylene (o)	0.0790	0.00100	"	0.100	ND	79.0	80-120	0.101	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.104*		"	*0.120*		*86.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		"	*0.120*		*92.5*	*80-120*			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B2112 - * DEFAULT PREP *** **										
Blank (P4B2112-BLK1)				Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	ND	10.0	mg/L							
LCS (P4B2112-BS1)				Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	105	10.0	mg/L	100		105	80-120			
LCS Dup (P4B2112-BSD1)				Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	116	10.0	mg/L	100		116	80-120	9.95	20	
Calibration Check (P4B2112-CCV1)				Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	111	10.0	mg/L	100		111	80-120			
Calibration Check (P4B2112-CCV2)				Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	111	10.0	mg/L	100		111	80-120			
Duplicate (P4B2112-DUP1)		**Source: 4B15004-01**		Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	89.0	10.0	mg/L		2.00			191	20	
Duplicate (P4B2112-DUP2)		**Source: 4B16002-01**		Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	11.0	10.0	mg/L		7.00			44.4	20	
Duplicate (P4B2112-DUP3)		**Source: 4B08006-01**		Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	8.00	10.0	mg/L		91.0			168	20	
Matrix Spike (P4B2112-MS1)		**Source: 4B15004-01**		Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	123	10.0	mg/L	100	2.00	121	80-120			
Matrix Spike (P4B2112-MS2)		**Source: 4B16002-01**		Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	111	10.0	mg/L	100	7.00	104	80-120			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B2112 - * DEFAULT PREP *** **										
Matrix Spike Dup (P4B2112-MSD1)	**Source: 4B15004-01**			Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	120	10.0	mg/L	100	2.00	118	80-120	2.47	20	
Matrix Spike Dup (P4B2112-MSD2)	**Source: 4B16002-01**			Prepared: 02/21/24 Analyzed: 02/22/24						
Chemical Oxygen Demand	113	10.0	mg/L	100	7.00	106	80-120	1.79	20	
Batch P4C1911 - * DEFAULT PREP *** **										
Blank (P4C1911-BLK1)				Prepared: 03/08/24 Analyzed: 03/19/24						
Nitrate as N	ND	0.200	mg/L							
LCS (P4C1911-BS1)				Prepared: 03/08/24 Analyzed: 03/19/24						
Nitrate as N	21.8		mg/L	20.0		109	90-110			
LCS Dup (P4C1911-BSD1)				Prepared: 03/08/24 Analyzed: 03/19/24						
Nitrate as N	21.8		mg/L	20.0		109	90-110	0.00918	10	
Calibration Check (P4C1911-CCV1)				Prepared: 03/08/24 Analyzed: 03/19/24						
Nitrate as N	21.8		mg/L	20.0		109	90-110			
Calibration Check (P4C1911-CCV2)				Prepared: 03/08/24 Analyzed: 03/19/24						
Nitrate as N	21.2		mg/L	20.0		106	90-110			
Matrix Spike (P4C1911-MS1)	**Source: 4C07008-01**			Prepared: 03/08/24 Analyzed: 03/19/24						
Nitrate as N	32.7		mg/L	20.0	0.890	159	80-120			QM-05
Matrix Spike (P4C1911-MS2)	**Source: 4C13009-05**			Prepared: 03/14/24 Analyzed: 03/19/24						
Nitrate as N	23.6		mg/L	20.0	0.125	118	80-120			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4C1911 - * DEFAULT PREP *** **										
Matrix Spike Dup (P4C1911-MSD1)	**Source: 4C07008-01**			Prepared: 03/08/24 Analyzed: 03/19/24						
Nitrate as N	32.4		mg/L	20.0	0.890	158	80-120	0.833	20	QM-05
Matrix Spike Dup (P4C1911-MSD2)	**Source: 4C13009-05**			Prepared: 03/14/24 Analyzed: 03/19/24						
Nitrate as N	23.7		mg/L	20.0	0.125	118	80-120	0.401	20	
Batch P4C2014 - * DEFAULT PREP *** **										
Blank (P4C2014-BLK1)				Prepared: 03/20/24 Analyzed: 03/21/24						
Sulfate	ND	1.00	mg/L							
LCS (P4C2014-BS1)				Prepared: 03/20/24 Analyzed: 03/21/24						
Sulfate	17.9		mg/L	18.0		99.7	90-110			
LCS Dup (P4C2014-BSD1)				Prepared: 03/20/24 Analyzed: 03/21/24						
Sulfate	18.0		mg/L	18.0		100	90-110	0.489	10	
Calibration Check (P4C2014-CCV1)				Prepared: 03/20/24 Analyzed: 03/21/24						
Sulfate	17.6		mg/L	18.0		97.8	90-110			
Calibration Check (P4C2014-CCV2)				Prepared: 03/20/24 Analyzed: 03/21/24						
Sulfate	17.7		mg/L	18.0		98.2	90-110			
Matrix Spike (P4C2014-MS1)	**Source: 4C07008-01**			Prepared: 03/20/24 Analyzed: 03/21/24						
Sulfate	107		mg/L	100	9.66	97.7	80-120			
Matrix Spike (P4C2014-MS2)	**Source: 4C13009-05**			Prepared: 03/20/24 Analyzed: 03/22/24						
Sulfate	107		mg/L	100	7.37	99.8	80-120			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4C2014 - * DEFAULT PREP *** **										
Matrix Spike Dup (P4C2014-MSD1)	**Source: 4C07008-01**			Prepared: 03/20/24 Analyzed: 03/21/24						
Sulfate	108		mg/L	100	9.66	98.7	80-120	0.915	20	
Matrix Spike Dup (P4C2014-MSD2)	**Source: 4C13009-05**			Prepared: 03/20/24 Analyzed: 03/22/24						
Sulfate	107		mg/L	100	7.37	99.9	80-120	0.0270	20	

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 3/25/2024

Brent Barron, Laboratory Director/Technical Director

TRC Solutions- Midland, Texas	Project:	Monument 10_MNA
10 Desta Dr STE 150E	Project Number:	TNM Monument-10
Midland TX, 79705	Project Manager:	Jonathan Repman

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jonathan Repman
Company Name: TRC Environmental Corporation
Company Address: 10 Desta Drive, Ste 130E
City/State/Zip: Midland TX 79705
Telephone No: (432) 955-3561 Fax No:
Sampler Signature:

Project Name: Monument 10
Project #: SRS: TNM Monument 10
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

e-mail: jrepman@trccompanies.com; cjbryant@paalp.com; khudgens@paalp.com; bokafor@trccompanies.com; lmedina@trccompanies.com

(lab use only) ORDER #: 4815004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For (TCLP:): TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-4			2-14-24	1125	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
2	MW-6				1238	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
3	MW-7				1349	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
4	MW-1				1510	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
5	MW-2				1607	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
6	MW-3A				1733	1	9	X	1	7	2					GW	X	X	X	X	X	X		X

Special Instructions: BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	2-15-24	0815			
	2/15/24	0836	Received by PBEL:	2/15/24	0836

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 2.3
Received: 5.5 5.0 °C
Adjusted: 5.5 5.1 °C Factor NCF

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

L: ______ CH: ______ W: ______

Project Manager: Jon Repman

Company Name: TRC

Company Address: 10 Desta Dr

City/State/Zip: Midland Tx 79705

Telephone No: (432) 955-3561

Fax No:

Sampler Signature: [signature]

e-mail:

Project Name: Monument 10

Project #:

Project Loc:

PO #:

Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only)

ORDER #: 4C13009

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix (DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other)	TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	Nitrate and sulfate	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
1	MW 4			3-12-24	1021			X								GW				X		
2	MW 6				1035																	
3	MW 7				1050																	
4	MW 1				1107																	
5	MW 2				1125																	
6	MW 3A				1147																	

Analyze For: TCLP: TOTAL:

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	3-13-24	0820			
Relinquished by:			Received by:		
Relinquished by:			Received by PBEL: [signature]	3/12/24	8:48

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: 4.1 °C Thermometor: NF3
Adjusted: °C Factor:

Page __ of __

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman

TRC Solutions- Midland, Texas

10 Desta Dr STE 150E

Midland, TX 79705

Project: Monument 10_MNA

Project Number: TNM Monument-10

Location: Lea County, NM

Lab Order Number: 4E08006

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 06/05/24

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	4E08006-01	Water	05/07/24 12:25	05-08-2024 08:10
MW-6	4E08006-02	Water	05/07/24 13:48	05-08-2024 08:10
MW-7	4E08006-03	Water	05/07/24 15:07	05-08-2024 08:10
MW-1	4E08006-04	Water	05/07/24 16:11	05-08-2024 08:10
MW-2	4E08006-05	Water	05/07/24 17:25	05-08-2024 08:10
MW-3A	4E08006-06	Water	05/07/24 18:49	05-08-2024 08:10

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4E08006-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 16:34	EPA 8021B	
Toluene	**0.00146**	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 16:34	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 16:34	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 16:34	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 16:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 16:34*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*119 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 16:34*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4E2013	05/09/24 09:08	05/20/24 10:46	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4E2013	05/09/24 09:08	05/20/24 10:46	8015M	SUB-13
Methane	**0.00170**	0.000500	mg/L	1	P4E2013	05/09/24 09:08	05/20/24 10:46	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	2.00	mg/L	1	P4E2106	05/31/24 10:53	05/31/24 15:16	8000	
Nitrate as N	**0.453**	0.200	mg/L	1	P4E0812	05/08/24 12:48	05/08/24 16:20	EPA 300.0	
Sulfate	**75.8**	1.00	mg/L	1	P4E0906	05/09/24 10:54	05/09/24 13:04	EPA 300.0	
Total Organic Carbon	**6.88**	5.00	mg/L	1	P4E2013	05/20/24 10:46	05/20/24 10:46	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13
Manganese	**0.190**	0.00500	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-6

4E08006-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 16:56	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 16:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 16:56	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 16:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 16:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 16:56*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.4 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 16:56*	*EPA 8021B*	
Ethane	ND	0.00500	mg/L	1	P4E2013	05/10/24 09:17	05/20/24 10:46	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4E2013	05/10/24 09:17	05/20/24 10:46	8015M	SUB-13
Methane	**0.00422**	0.000500	mg/L	1	P4E2013	05/10/24 09:17	05/20/24 10:46	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	2.00	mg/L	1	P4E2106	05/31/24 10:53	05/31/24 15:16	8000	
Nitrate as N	ND	0.200	mg/L	1	P4E0812	05/08/24 12:48	05/08/24 17:13	EPA 300.0	
Sulfate	**32.0**	1.00	mg/L	1	P4E0906	05/09/24 10:54	05/09/24 13:58	EPA 300.0	
Total Organic Carbon	**12.6**	10.0	mg/L	1	P4E2013	05/20/24 10:46	05/20/24 10:46	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13
Manganese	**1.15**	0.00500	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-7

4E08006-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 17:18	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 17:18	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 17:18	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 17:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 17:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 17:18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.7 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 17:18*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4E2013	05/10/24 09:37	05/20/24 10:46	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4E2013	05/10/24 09:37	05/20/24 10:46	8015M	SUB-13
Methane	**0.00477**	0.000500	mg/L	1	P4E2013	05/10/24 09:37	05/20/24 10:46	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**8.00**	2.00	mg/L	1	P4E2106	05/31/24 10:53	05/31/24 15:16	8000	
Nitrate as N	ND	0.200	mg/L	1	P4E0812	05/08/24 12:48	05/08/24 17:31	EPA 300.0	
Sulfate	**44.9**	1.00	mg/L	1	P4E0906	05/09/24 10:54	05/09/24 14:16	EPA 300.0	
Total Organic Carbon	**6.04**	5.00	mg/L	1	P4E2013	05/20/24 10:46	05/20/24 10:46	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13
Manganese	**0.113**	0.00500	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-1

4E08006-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 13:34	EPA 8021B	
Toluene	**0.00325**	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 13:34	EPA 8021B	
Ethylbenzene	**0.00213**	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 13:34	EPA 8021B	
Xylene (p/m)	**0.00278**	0.00200	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 13:34	EPA 8021B	
Xylene (o)	**0.00329**	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 13:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*110 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 13:34*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*87.4 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 13:34*	*EPA 8021B*	
Ethane	**0.00198**	0.00100	mg/L	1	P4E2013	05/10/24 09:52	05/20/24 10:46	8015M	SUB-13
Ethene	**0.00223**	0.00100	mg/L	1	P4E2013	05/10/24 09:52	05/20/24 10:46	8015M	SUB-13
Methane	**0.254**	0.0100	mg/L	1	P4E2013	05/10/24 09:52	05/10/24 10:46	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**32.0**	2.00	mg/L	1	P4E2106	05/31/24 10:53	05/31/24 15:16	8000	
Nitrate as N	ND	0.200	mg/L	1	P4E0812	05/08/24 12:48	05/08/24 17:49	EPA 300.0	
Sulfate	**10.9**	1.00	mg/L	1	P4E0906	05/09/24 10:54	05/09/24 14:34	EPA 300.0	
Total Organic Carbon	**19.3**	10.0	mg/L	1	P4E2013	05/20/24 10:46	05/20/24 10:46	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.260**	0.200	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13
Manganese	**1.37**	0.00500	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-2

4E08006-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 13:56	EPA 8021B	
Toluene	**0.00112**	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 13:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 13:56	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 13:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 13:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*108 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 13:56*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.0 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 13:56*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4E2013	05/13/24 10:18	05/20/24 10:46	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4E2013	05/13/24 10:18	05/20/24 10:46	8015M	SUB-13
Methane	**0.183**	0.0100	mg/L	1	P4E2013	05/13/24 10:18	05/20/24 10:46	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	2.00	mg/L	1	P4E2106	05/31/24 10:53	05/31/24 15:16	8000	
Nitrate as N	ND	0.200	mg/L	1	P4E0812	05/08/24 12:48	05/08/24 18:07	EPA 300.0	
Sulfate	**42.7**	1.00	mg/L	1	P4E0906	05/09/24 10:54	05/09/24 14:52	EPA 300.0	
Total Organic Carbon	**2.82**	1.00	mg/L	1	P4E2013	05/20/24 10:46	05/20/24 10:46	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13
Manganese	**0.155**	0.00500	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-3A

4E08006-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0132**	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 14:19	EPA 8021B	
Toluene	**0.0644**	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 14:19	EPA 8021B	
Ethylbenzene	**0.134**	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 14:19	EPA 8021B	
Xylene (p/m)	**0.0806**	0.00200	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 14:19	EPA 8021B	
Xylene (o)	**0.0356**	0.00100	mg/L	1	P4E0811	05/08/24 09:27	05/08/24 14:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.9 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 14:19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*83.1 %*	*80-120*		*P4E0811*	*05/08/24 09:27*	*05/08/24 14:19*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4E2013	05/13/24 10:26	05/20/24 10:46	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4E2013	05/13/24 10:26	05/20/24 10:46	8015M	SUB-13
Methane	**1.37**	0.0500	mg/L	1	P4E2013	05/13/24 10:26	05/20/24 10:46	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**340**	2.00	mg/L	1	P4E2106	05/31/24 10:53	05/31/24 15:16	8000	
Nitrate as N	ND	0.200	mg/L	1	P4E0812	05/08/24 12:48	05/08/24 18:25	EPA 300.0	
Sulfate	**2.34**	1.00	mg/L	1	P4E0906	05/09/24 10:54	05/09/24 15:10	EPA 300.0	
Total Organic Carbon	**85.0**	10.0	mg/L	1	P4E2013	05/20/24 10:46	05/20/24 10:46	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**2.37**	0.200	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13
Manganese	**1.05**	0.00500	mg/L	1	P4E2013	05/10/24 08:30	05/20/24 10:46	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0811 - * DEFAULT PREP *** **										
Blank (P4E0811-BLK1)				Prepared & Analyzed: 05/08/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*90.3*	*80-120*			
LCS (P4E0811-BS1)				Prepared & Analyzed: 05/08/24						
Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.130*		*"*	*0.120*		*108*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
LCS Dup (P4E0811-BSD1)				Prepared & Analyzed: 05/08/24						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120	2.31	20	
Toluene	0.109	0.00100	"	0.100		109	80-120	1.48	20	
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120	0.477	20	
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120	1.35	20	
Xylene (o)	0.116	0.00100	"	0.100		116	80-120	8.12	20	
Surrogate: 4-Bromofluorobenzene	*0.129*		*"*	*0.120*		*108*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*80-120*			
Calibration Blank (P4E0811-CCB1)				Prepared & Analyzed: 05/08/24						
Benzene	0.130		ug/l							
Toluene	0.0700		"							
Ethylbenzene	0.0800		"							
Xylene (p/m)	0.120		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*90.5*	*80-120*			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0811 - * DEFAULT PREP *** **										
Calibration Check (P4E0811-CCV1)				Prepared & Analyzed: 05/08/24						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.237	0.00200	"	0.200		119	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*106*	*80-120*			
Calibration Check (P4E0811-CCV3)				Prepared & Analyzed: 05/08/24						
Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.5*	*80-120*			
Matrix Spike (P4E0811-MS1)		**Source: 4E08006-01**		Prepared & Analyzed: 05/08/24						
Benzene	0.111	0.00100	mg/L	0.100	0.000880	110	80-120			
Toluene	0.114	0.00100	"	0.100	0.00146	113	80-120			
Ethylbenzene	0.137	0.00100	"	0.100	ND	137	80-120			QM-05
Xylene (p/m)	0.254	0.00200	"	0.200	ND	127	80-120			QM-05
Xylene (o)	0.112	0.00100	"	0.100	ND	112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Matrix Spike Dup (P4E0811-MSD1)		**Source: 4E08006-01**		Prepared & Analyzed: 05/08/24						
Benzene	0.114	0.00100	mg/L	0.100	0.000880	113	80-120	2.38	20	
Toluene	0.119	0.00100	"	0.100	0.00146	117	80-120	3.59	20	
Ethylbenzene	0.141	0.00100	"	0.100	ND	141	80-120	3.07	20	QM-05
Xylene (p/m)	0.265	0.00200	"	0.200	ND	132	80-120	4.16	20	QM-05
Xylene (o)	0.116	0.00100	"	0.100	ND	116	80-120	3.12	20	
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*80-120*			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0812 - * DEFAULT PREP *** **										
Blank (P4E0812-BLK1)				Prepared & Analyzed: 05/08/24						
Nitrate as N	ND	0.200	mg/L							
LCS (P4E0812-BS1)				Prepared & Analyzed: 05/08/24						
Nitrate as N	19.9		mg/L	20.0		99.7	90-110			
LCS Dup (P4E0812-BSD1)				Prepared & Analyzed: 05/08/24						
Nitrate as N	20.0		mg/L	20.0		99.8	90-110	0.0351	10	
Calibration Check (P4E0812-CCV1)				Prepared & Analyzed: 05/08/24						
Nitrate as N	20.0		mg/L	20.0		99.8	90-110			
Calibration Check (P4E0812-CCV2)				Prepared & Analyzed: 05/08/24						
Nitrate as N	20.0		mg/L	20.0		100	90-110			
Matrix Spike (P4E0812-MS1)		**Source: 4E08006-01**		Prepared & Analyzed: 05/08/24						
Nitrate as N	20.2		mg/L	20.0	0.453	98.9	80-120			
Matrix Spike Dup (P4E0812-MSD1)		**Source: 4E08006-01**		Prepared & Analyzed: 05/08/24						
Nitrate as N	20.2		mg/L	20.0	0.453	98.9	80-120	0.0593	20	
Batch P4E0906 - * DEFAULT PREP *** **										
Blank (P4E0906-BLK1)				Prepared & Analyzed: 05/09/24						
Sulfate	ND	1.00	mg/L							
LCS (P4E0906-BS1)				Prepared & Analyzed: 05/09/24						
Sulfate	20.1		mg/L	20.0		100	90-110			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E0906 - * DEFAULT PREP *** **										
LCS Dup (P4E0906-BSD1)				Prepared & Analyzed: 05/09/24						
Sulfate	20.7		mg/L	20.0		103	90-110	3.07	10	
Calibration Check (P4E0906-CCV1)				Prepared & Analyzed: 05/09/24						
Sulfate	20.2		mg/L	20.0		101	90-110			
Calibration Check (P4E0906-CCV2)				Prepared: 05/09/24 Analyzed: 05/10/24						
Sulfate	20.4		mg/L	20.0		102	90-110			
Matrix Spike (P4E0906-MS1)		**Source: 4E08006-01**		Prepared & Analyzed: 05/09/24						
Sulfate	118		mg/L	100	15.2	102	80-120			
Matrix Spike Dup (P4E0906-MSD1)		**Source: 4E08006-01**		Prepared & Analyzed: 05/09/24						
Sulfate	117		mg/L	100	15.2	102	80-120	0.0953	20	
Batch P4E2106 - * DEFAULT PREP *** **										
Blank (P4E2106-BLK1)				Prepared & Analyzed: 05/31/24						
Chemical Oxygen Demand	ND	2.00	mg/L							
LCS (P4E2106-BS1)				Prepared & Analyzed: 05/31/24						
Chemical Oxygen Demand	1070	2.00	mg/L	1000		107	80-120			
LCS Dup (P4E2106-BSD1)				Prepared & Analyzed: 05/31/24						
Chemical Oxygen Demand	1100	2.00	mg/L	1000		110	80-120	2.94	20	
Calibration Check (P4E2106-CCV1)				Prepared & Analyzed: 05/31/24						
Chemical Oxygen Demand	915	2.00	mg/L				80-120			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4E2106 - * DEFAULT PREP *** **										
Calibration Check (P4E2106-CCV2)				Prepared & Analyzed: 05/31/24						
Chemical Oxygen Demand	913	2.00	mg/L				80-120			
Duplicate (P4E2106-DUP1)		**Source: 4E08006-01**		Prepared & Analyzed: 05/31/24						
Chemical Oxygen Demand	ND	2.00	mg/L		ND				20	
Duplicate (P4E2106-DUP2)		**Source: 4E16001-01**		Prepared & Analyzed: 05/31/24						
Chemical Oxygen Demand	21.0	2.00	mg/L		6.00			111	20	R2
Matrix Spike (P4E2106-MS1)		**Source: 4E08006-01**		Prepared & Analyzed: 05/31/24						
Chemical Oxygen Demand	91.0	2.00	mg/L	1000	ND	9.10	80-120			
Matrix Spike (P4E2106-MS2)		**Source: 4E16001-01**		Prepared & Analyzed: 05/31/24						
Chemical Oxygen Demand	73.0	2.00	mg/L	1000	6.00	6.70	80-120			
Matrix Spike Dup (P4E2106-MSD1)		**Source: 4E08006-01**		Prepared & Analyzed: 05/31/24						
Chemical Oxygen Demand	78.0	2.00	mg/L	1000	ND	7.80	80-120	15.4	20	
Matrix Spike Dup (P4E2106-MSD2)		**Source: 4E16001-01**		Prepared & Analyzed: 05/31/24						
Chemical Oxygen Demand	30.0	2.00	mg/L	1000	6.00	2.40	80-120	83.5	20	

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
ROI	Received on Ice
R2	The RPD exceeded the acceptance limit.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/5/2024

Brent Barron, Laboratory Director/Technical Director

TRC Solutions- Midland, Texas	Project:	Monument 10_MNA
10 Desta Dr STE 150E	Project Number:	TNM Monument-10
Midland TX, 79705	Project Manager:	Jonathan Repman

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Jonathan Repman

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland TX 79705

Telephone No: (432) 955-3561 Fax No:

Sampler Signature:

e-mail: jrepman@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, bokator@trccompanies.com

Project Name: Monument 10

Project #: SRS: TNM Monument 10

Project Loc: Lea County, NM

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only) ORDER #: 4E08006

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP:	TOTAL: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-4			5-7-24	1225	1	9	X	1	7	2					GW		X	X	X	X	X	X		X
2	MW-6				1348	1	9	X	1	7	2					GW		X	X	X	X	X	X		X
3	MW-7				1507	1	9	X	1	7	2					GW		X	X	X	X	X	X		X
4	MW-11				1611	1	9	X	1	7	2					GW		X	X	X	X	X	X		X
5	MW-12				1725	1	9	X	1	7	2					GW		X	X	X	X	X	X		X
6	MW-3A				1849	1	9	X	1	7	2					GW		X	X	X	X	X	X		X

Special Instructions:

BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	5-8-24	0810			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				5/8/24	0810

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: L3

Received: 4.2 °C

Adjusted: 4.2 °C Factor WCF

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron — **Project Name:** SUBCONTRACT

Company Name: PBEL — **Project #:**

Company Address: 1400 Rankin HWY — **Project Loc:**

City/State/Zip: Midland Texas 79701 — **PO #:**

Telephone No: 432-661-4184 — Fax No: — **Report Format:** X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A — e-mail: brentbarron@pbelab.com

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSKSOP 175 PPM	TOC-415.1	Mn DISS ICP-MS 6020A	Fe DISS ICP-MS 6020A									24 HOUR	STANDARD
	4E08006-01			5/7/2024	12:25	Y	5	X	X	X	X					W	X	X	X	X									X
	4E08006-02			5/7/2024	13:48	Y	5	X	X	X	X					W	X	X	X	X									X
	4E08006-03			5/7/2024	15:07	Y	5	X	X	X	X					W	X	X	X	X									X
	4E08006-04			5/7/2024	16:11	Y	5	X	X	X	X					W	X	X	X	X									X
	4E08006-05			5/7/2024	17:25	Y	5	X	X	X	X					W	X	X	X	X									X
	4E08006-06			5/7/2024	18:49	Y	5	X	X	X	X					W	X	X	X	X									X

Relinquished by: Brent Barron	5/8/2024	5:00 PM	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman

TRC Solutions- Midland, Texas

10 Desta Dr STE 150E

Midland, TX 79705

Project: Monument 10_MNA

Project Number: TNM Monument-10

Location: Lea County, NM

Lab Order Number: 4H29011

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 09/24/24

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	4H29011-01	Water	08/29/24 08:57	08-29-2024 08:57
MW-6	4H29011-02	Water	08/29/24 08:57	08-29-2024 08:57
MW-7	4H29011-03	Water	08/29/24 08:57	08-29-2024 08:57
MW-2	4H29011-04	Water	08/29/24 08:57	08-29-2024 08:57
MW-1	4H29011-05	Water	08/29/24 08:57	08-29-2024 08:57
MW-3A	4H29011-06	Water	08/29/24 08:57	08-29-2024 08:57

TOC, Total BTEX, Iron and Manganese analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:
https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4H29011-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:05	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*08/29/24 18:05*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.7 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*08/29/24 18:05*	*EPA 8021B*	
Ethane	ND	1.00	mg/L	1	P4I1609	09/09/24 11:22	09/24/24 08:27	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P4I1609	09/09/24 11:22	09/24/24 08:27	8015M	SUB-13
Methane	ND	0.500	mg/L	1	P4I1609	09/09/24 11:22	09/24/24 08:27	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**15.0**	2.00	mg/L	1	P4I0307	09/05/24 08:53	09/05/24 08:53	8000	
Nitrate as N	**2.27**	0.200	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 15:58	EPA 300.0	
Sulfate	**76.0**	1.00	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 15:58	EPA 300.0	
Total Organic Carbon	**5.14**	1.00	mg/L	1	P4I1609	09/24/24 08:27	09/24/24 08:27	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13
Manganese	**0.233**	0.000570	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-6

4H29011-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.5 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*08/29/24 18:28*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.0 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*08/29/24 18:28*	*EPA 8021B*	
Ethane	ND	1.00	mg/L	1	P4I1609	09/09/24 11:31	09/24/24 08:27	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P4I1609	09/09/24 11:31	09/24/24 08:27	8015M	SUB-13
Methane	ND	0.500	mg/L	1	P4I1609	09/09/24 11:31	09/24/24 08:27	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**16.0**	2.00	mg/L	1	P4I0307	09/05/24 08:53	09/05/24 08:53	8000	
Nitrate as N	**0.218**	0.200	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 17:03	EPA 300.0	
Sulfate	**25.3**	1.00	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 17:03	EPA 300.0	
Total Organic Carbon	**7.01**	1.00	mg/L	1	P4I1609	09/24/24 08:27	09/24/24 08:27	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13
Manganese	**0.281**	0.000570	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-7

4H29011-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:50	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:50	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:50	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:50	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/29/24 18:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*41.7 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*08/29/24 18:50*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*84.2 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*08/29/24 18:50*	*EPA 8021B*	
Ethane	ND	1.00	mg/L	1	P4I1609	09/09/24 11:39	09/24/24 08:27	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P4I1609	09/09/24 11:39	09/24/24 08:27	8015M	SUB-13
Methane	ND	0.500	mg/L	1	P4I1609	09/09/24 11:39	09/24/24 08:27	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**19.0**	2.00	mg/L	1	P4I0307	09/05/24 08:53	09/05/24 08:53	8000	
Nitrate as N	**0.689**	0.200	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 17:24	EPA 300.0	
Sulfate	**46.9**	1.00	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 17:24	EPA 300.0	
Total Organic Carbon	**8.69**	1.00	mg/L	1	P4I1609	09/24/24 08:27	09/24/24 08:27	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13
Manganese	**0.137**	0.000570	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-2

4H29011-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/30/24 09:40	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/30/24 09:40	EPA 8021B	
Ethylbenzene	**0.00284**	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/30/24 09:40	EPA 8021B	
Xylene (p/m)	**0.00881**	0.00200	mg/L	1	P4H2910	08/29/24 14:28	08/30/24 09:40	EPA 8021B	
Xylene (o)	**0.00200**	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/30/24 09:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*36.2 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*08/30/24 09:40*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*83.6 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*08/30/24 09:40*	*EPA 8021B*	
Ethane	ND	1.00	mg/L	1	P4I1609	09/09/24 11:58	09/24/24 08:27	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P4I1609	09/09/24 11:58	09/24/24 08:27	8015M	SUB-13
Methane	ND	0.500	mg/L	1	P4I1609	09/09/24 11:58	09/24/24 08:27	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	2.00	mg/L	1	P4I0307	09/05/24 08:53	09/05/24 08:53	8000	
Nitrate as N	**1.04**	0.200	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 17:45	EPA 300.0	
Sulfate	**44.5**	1.00	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 17:45	EPA 300.0	
Total Organic Carbon	**4.76**	1.00	mg/L	1	P4I1609	09/24/24 08:27	09/24/24 08:27	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13
Manganese	**0.146**	0.000570	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-1

4H29011-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/30/24 17:01	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/30/24 17:01	EPA 8021B	
Ethylbenzene	**0.00170**	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/30/24 17:01	EPA 8021B	
Xylene (p/m)	**0.00519**	0.00200	mg/L	1	P4H2910	08/29/24 14:28	08/30/24 17:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4H2910	08/29/24 14:28	08/30/24 17:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*50.6 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*08/30/24 17:01*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*84.1 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*08/30/24 17:01*	*EPA 8021B*	
Ethane	ND	1.00	mg/L	1	P4I1609	09/09/24 13:55	09/24/24 08:27	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P4I1609	09/09/24 13:55	09/24/24 08:27	8015M	SUB-13
Methane	ND	0.500	mg/L	1	P4I1609	09/09/24 13:55	09/24/24 08:27	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**46.0**	2.00	mg/L	1	P4I0307	09/05/24 08:53	09/05/24 08:53	8000	
Nitrate as N	ND	0.200	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 18:07	EPA 300.0	
Sulfate	**14.8**	1.00	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 18:07	EPA 300.0	
Total Organic Carbon	**1.79**	1.00	mg/L	1	P4I1609	09/24/24 08:27	09/24/24 08:27	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.229**	0.0100	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13
Manganese	**1.34**	0.000570	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-3A

4H29011-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00160**	0.00100	mg/L	1	P4H2910	08/29/24 14:28	09/04/24 13:07	EPA 8021B	
Toluene	**0.00502**	0.00100	mg/L	1	P4H2910	08/29/24 14:28	09/04/24 13:07	EPA 8021B	
Ethylbenzene	**0.0122**	0.00100	mg/L	1	P4H2910	08/29/24 14:28	09/04/24 13:07	EPA 8021B	
Xylene (p/m)	**0.0402**	0.00200	mg/L	1	P4H2910	08/29/24 14:28	09/04/24 13:07	EPA 8021B	
Xylene (o)	**0.00845**	0.00100	mg/L	1	P4H2910	08/29/24 14:28	09/04/24 13:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*44.5 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*09/04/24 13:07*	*EPA 8021B*	*S-GC1*
Surrogate: 1,4-Difluorobenzene		*76.7 %*	*80-120*		*P4H2910*	*08/29/24 14:28*	*09/04/24 13:07*	*EPA 8021B*	*S-GC1*
Ethane	ND	1.00	mg/L	1	P4I1609	09/09/24 12:14	09/24/24 08:27	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P4I1609	09/09/24 12:14	09/24/24 08:27	8015M	SUB-13
Methane	ND	0.500	mg/L	1	P4I1609	09/09/24 12:14	09/24/24 08:27	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**28.0**	2.00	mg/L	1	P4I0307	09/05/24 08:53	09/05/24 08:53	8000	
Nitrate as N	ND	0.200	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 18:28	EPA 300.0	
Sulfate	**2.91**	1.00	mg/L	1	P4H2908	08/29/24 13:38	08/29/24 18:28	EPA 300.0	
Total Organic Carbon	**1.97**	1.00	mg/L	1	P4I1609	09/24/24 08:27	09/24/24 08:27	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**1.73**	0.0100	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13
Manganese	**0.878**	0.000570	mg/L	1	P4I1609	09/11/24 07:00	09/24/24 08:27	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4H2910 - * DEFAULT PREP *** **										
Blank (P4H2910-BLK1)				Prepared & Analyzed: 08/29/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.7*	*80-120*			
LCS (P4H2910-BS1)				Prepared & Analyzed: 08/29/24						
Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*93.8*	*80-120*			
Calibration Blank (P4H2910-CCB1)				Prepared & Analyzed: 08/29/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		*"*	*0.120*		*91.4*	*80-120*			
Calibration Check (P4H2910-CCV1)				Prepared & Analyzed: 08/29/24						
Benzene	0.0981	0.00100	mg/L	0.100		98.1	80-120			
Toluene	0.0983	0.00100	"	0.100		98.3	80-120			
Ethylbenzene	0.0995	0.00100	"	0.100		99.5	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0982	0.00100	"	0.100		98.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.0*	*80-120*			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4H2908 - * DEFAULT PREP *** **										
Blank (P4H2908-BLK1)				Prepared & Analyzed: 08/29/24						
Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							
LCS (P4H2908-BS1)				Prepared & Analyzed: 08/29/24						
Nitrate as N	18.4		mg/L	20.0		91.8	90-110			
Sulfate	18.7	1.00	"				90-110			
LCS Dup (P4H2908-BSD1)				Prepared & Analyzed: 08/29/24						
Nitrate as N	18.4		mg/L	20.0		91.8	90-110	0.0381	10	
Sulfate	18.7	1.00	"				90-110	0.0160	10	
Calibration Check (P4H2908-CCV1)				Prepared & Analyzed: 08/29/24						
Nitrate as N	18.2		mg/L	20.0		91.1	90-110			
Sulfate	18.6		"	20.0		93.1	90-110			
Calibration Check (P4H2908-CCV2)				Prepared & Analyzed: 08/29/24						
Sulfate	18.7		mg/L	20.0		93.6	90-110			
Nitrate as N	18.4		"	20.0		91.8	90-110			
Matrix Spike (P4H2908-MS1)	**Source: 4H29011-01**			Prepared & Analyzed: 08/29/24						
Nitrate as N	21.2		mg/L	20.0	2.27	94.6	80-120			
Sulfate	175		"	100	76.0	99.1	80-120			
Matrix Spike Dup (P4H2908-MSD1)	**Source: 4H29011-01**			Prepared & Analyzed: 08/29/24						
Nitrate as N	21.2		mg/L	20.0	2.27	94.6	80-120	0.0236	20	
Sulfate	175		"	100	76.0	99.3	80-120	0.132	20	

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4I0307 - * DEFAULT PREP *** **										
Blank (P4I0307-BLK1)				Prepared: 09/03/24 Analyzed: 09/05/24						
Chemical Oxygen Demand	ND	2.00	mg/L							
LCS (P4I0307-BS1)				Prepared: 09/03/24 Analyzed: 09/05/24						
Chemical Oxygen Demand	102	2.00	mg/L	100		102	80-120			
LCS Dup (P4I0307-BSD1)				Prepared: 09/03/24 Analyzed: 09/05/24						
Chemical Oxygen Demand	101	2.00	mg/L	100		101	80-120	0.985	20	
Duplicate (P4I0307-DUP1)		**Source: 4H29011-01**		Prepared: 09/03/24 Analyzed: 09/05/24						
Chemical Oxygen Demand	11.0	2.00	mg/L		15.0			30.8	20	R
Matrix Spike (P4I0307-MS1)		**Source: 4H29011-01**		Prepared: 09/03/24 Analyzed: 09/05/24						
Chemical Oxygen Demand	118	2.00	mg/L	100	15.0	103	80-120			
Matrix Spike Dup (P4I0307-MSD1)		**Source: 4H29011-01**		Prepared: 09/03/24 Analyzed: 09/05/24						
Chemical Oxygen Demand	120	2.00	mg/L	100	15.0	105	80-120	1.68	20	

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
S-GC1	Surrogate recovery outside of control limits. A second analysis confirmed the original results..
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 9/24/2024

Brent Barron, Laboratory Director/Technical Director

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jonathan Repman
Company Name: TRC Environmental Corporation
Company Address: 10 Desta Drive, Ste 410E
City/State/Zip: Midland TX 79705
Telephone No: 432-955-3561 Fax No:
Sampler Signature:
e-mail: jrepman@trccompanies.com

Project Name: Monument 10
Project #: SRS: TNM Monument 10
Project Loc: Lea County, TX
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 4H29011

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3 (Field Filtered - 250mL)	HCl (40 mL VOA)	H_2SO_4 (250 mL)	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TOTAL: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-4			8-28-24	1112		9	x	1	7	2					GW	X	X	x	x	x	x		X
2	MW-6				1225		9	x	1	7	2					GW	X	X	x	x	x	x		X
3	MW-7				1331		9	x	1	7	2					GW	X	X	x	x	x	x		X
4	MW-2				1440		9	x	1	7	2					GW	X	X	x	x	x	x		X
5	MW-1				1552		9	x	1	7	2					GW	X	X	x	x	x	x		X
6	MW-3A				1715		9	x	1	7	2					GW	X	X	x	x	x	x		X

Special Instructions:
BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	8-29-24	0857			
	Date	Time	Received by:	Date	Time
	Date	Time	Received by PBEL:	8/29/24	0857

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 6.0 °C
Adjusted: 6.0 °C Factor NCF

right solutions.
right partner.

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

September 11, 2024

Brent Barron
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS24090257**

Laboratory Results for: **4H29011**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Sep 05, 2024 for the analysis presented in the following report.

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

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

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

Sincerely,

Generated By: DAYNA.FISHER
Anna Kinchen
Project Manager

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
Work Order: HS24090257

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24090257-01	4H29011-01	Water		28-Aug-2024 11:12	05-Sep-2024 10:00	☐
HS24090257-02	4H29011-02	Water		28-Aug-2024 12:25	05-Sep-2024 10:00	☐
HS24090257-03	4H29011-03	Water		28-Aug-2024 13:31	05-Sep-2024 10:00	☐
HS24090257-04	4H29011-04	Water		28-Aug-2024 14:40	05-Sep-2024 10:00	☐
HS24090257-05	4H29011-05	Water		28-Aug-2024 15:52	05-Sep-2024 10:00	☐
HS24090257-06	4H29011-06	Water		28-Aug-2024 17:15	05-Sep-2024 10:00	☐

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4H29011
Work Order: HS24090257

GC Semivolatiles by Method RSK-175

Batch ID: R476586

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

Metals by Method SW6020A

Batch ID: 217355

Sample ID: 4H29011-01 (HS24090257-01MS)

- The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits. However, the LCS was within control limits. The recovery of the MS may be due to sample matrix interference. Manganese.

Sample ID: 4H29011-01 (HS24090257-01MSD)

- The recovery of the Matrix Spike Duplicate (MSD) associated to this analyte was outside of the established control limits. However, the LCS was within control limits. The failed recovery of the MSD may be due to sample matrix interference. Manganese.

WetChemistry by Method E415.1

Batch ID: R476688

Sample ID: 4H29011-03 (HS24090257-03MS)

- The MS and/or MSD recovery was below the lower control limit.

Batch ID: R476687

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

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
Sample ID: 4H29011-01
Collection Date: 28-Aug-2024 11:12

ANALYTICAL REPORT
WorkOrder:HS24090257
Lab ID:HS24090257-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	09-Sep-2024 11:22
Ethene	ND		1.00	ug/L	1	09-Sep-2024 11:22
Methane	**2.38**		**0.500**	**ug/L**	1	09-Sep-2024 11:22
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 11-Sep-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	11-Sep-2024 14:41
Manganese	**0.233**		**0.0250**	**mg/L**	5	11-Sep-2024 15:57
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**5.14**		**1.00**	**mg/L**	1	09-Sep-2024 17:15

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

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
Sample ID: 4H29011-02
Collection Date: 28-Aug-2024 12:25

ANALYTICAL REPORT
WorkOrder:HS24090257
Lab ID:HS24090257-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	09-Sep-2024 11:31
Ethene	ND		1.00	ug/L	1	09-Sep-2024 11:31
Methane	**3.01**		**0.500**	**ug/L**	1	09-Sep-2024 11:31
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 11-Sep-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	11-Sep-2024 15:32
Manganese	**0.281**		**0.00500**	**mg/L**	1	11-Sep-2024 15:32
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**7.01**		**1.00**	**mg/L**	1	09-Sep-2024 17:51

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

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
Sample ID: 4H29011-03
Collection Date: 28-Aug-2024 13:31

ANALYTICAL REPORT
WorkOrder:HS24090257
Lab ID:HS24090257-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	09-Sep-2024 11:39
Ethene	ND		1.00	ug/L	1	09-Sep-2024 11:39
Methane	**2.39**		**0.500**	**ug/L**	1	09-Sep-2024 11:39
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 11-Sep-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	11-Sep-2024 15:34
Manganese	**0.137**		**0.00500**	**mg/L**	1	11-Sep-2024 15:34
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**8.69**		**1.00**	**mg/L**	1	09-Sep-2024 19:33

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

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
Sample ID: 4H29011-04
Collection Date: 28-Aug-2024 14:40

ANALYTICAL REPORT
WorkOrder:HS24090257
Lab ID:HS24090257-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	09-Sep-2024 11:58
Ethene	ND		1.00	ug/L	1	09-Sep-2024 11:58
Methane	**51.8**		**1.00**	**ug/L**	2	09-Sep-2024 13:38
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 11-Sep-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	11-Sep-2024 15:36
Manganese	**0.146**		**0.00500**	**mg/L**	1	11-Sep-2024 15:36
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**4.76**		**1.00**	**mg/L**	1	09-Sep-2024 19:59

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

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
Sample ID: 4H29011-05
Collection Date: 28-Aug-2024 15:52

ANALYTICAL REPORT
WorkOrder:HS24090257
Lab ID:HS24090257-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		5.00	ug/L	5	09-Sep-2024 13:55
Ethene	**1.44**		**1.00**	**ug/L**	1	09-Sep-2024 12:05
Methane	**136**		**2.50**	**ug/L**	5	09-Sep-2024 13:55
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 11-Sep-2024		Analyst: JC
Iron	**0.229**		**0.200**	**mg/L**	1	11-Sep-2024 15:38
Manganese	**1.34**		**0.00500**	**mg/L**	1	11-Sep-2024 15:38
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**1.79**		**1.00**	**mg/L**	1	09-Sep-2024 20:10

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

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
Sample ID: 4H29011-06
Collection Date: 28-Aug-2024 17:15

ANALYTICAL REPORT
WorkOrder:HS24090257
Lab ID:HS24090257-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175	**Method:RSK-175**					Analyst: RG
Ethane	**4.76**		**1.00**	**ug/L**	1	09-Sep-2024 12:14
Ethene	ND		1.00	ug/L	1	09-Sep-2024 12:14
Methane	**1,250**		**25.0**	**ug/L**	50	09-Sep-2024 14:13
DISSOLVED METALS BY SW6020A	**Method:SW6020A (dissolved)**			Prep:SW3010A / 11-Sep-2024		Analyst: JC
Iron	**1.73**		**0.200**	**mg/L**	1	11-Sep-2024 15:40
Manganese	**0.878**		**0.00500**	**mg/L**	1	11-Sep-2024 15:40
TOTAL ORGANIC CARBON BY E415.1	**Method:E415.1**					Analyst: DH
Organic Carbon, Total	**1.97**		**1.00**	**mg/L**	1	09-Sep-2024 20:21

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
WorkOrder: HS24090257

Batch ID: 217355 **Start Date:** 11 Sep 2024 07:00 **End Date:** 11 Sep 2024 07:00
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24090257-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24090257-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24090257-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24090257-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24090257-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24090257-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
WorkOrder: HS24090257

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 217355 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Water	
HS24090257-01	4H29011-01	28 Aug 2024 11:12		11 Sep 2024 07:00	11 Sep 2024 15:57	5
HS24090257-01	4H29011-01	28 Aug 2024 11:12		11 Sep 2024 07:00	11 Sep 2024 14:41	1
HS24090257-02	4H29011-02	28 Aug 2024 12:25		11 Sep 2024 07:00	11 Sep 2024 15:32	1
HS24090257-03	4H29011-03	28 Aug 2024 13:31		11 Sep 2024 07:00	11 Sep 2024 15:34	1
HS24090257-04	4H29011-04	28 Aug 2024 14:40		11 Sep 2024 07:00	11 Sep 2024 15:36	1
HS24090257-05	4H29011-05	28 Aug 2024 15:52		11 Sep 2024 07:00	11 Sep 2024 15:38	1
HS24090257-06	4H29011-06	28 Aug 2024 17:15		11 Sep 2024 07:00	11 Sep 2024 15:40	1
Batch ID: R476586 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24090257-01	4H29011-01	28 Aug 2024 11:12			09 Sep 2024 11:22	1
HS24090257-02	4H29011-02	28 Aug 2024 12:25			09 Sep 2024 11:31	1
HS24090257-03	4H29011-03	28 Aug 2024 13:31			09 Sep 2024 11:39	1
HS24090257-04	4H29011-04	28 Aug 2024 14:40			09 Sep 2024 13:38	2
HS24090257-04	4H29011-04	28 Aug 2024 14:40			09 Sep 2024 11:58	1
HS24090257-05	4H29011-05	28 Aug 2024 15:52			09 Sep 2024 13:55	5
HS24090257-05	4H29011-05	28 Aug 2024 15:52			09 Sep 2024 12:05	1
HS24090257-06	4H29011-06	28 Aug 2024 17:15			09 Sep 2024 14:13	50
HS24090257-06	4H29011-06	28 Aug 2024 17:15			09 Sep 2024 12:14	1
Batch ID: R476687 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24090257-01	4H29011-01	28 Aug 2024 11:12			09 Sep 2024 17:15	1
HS24090257-02	4H29011-02	28 Aug 2024 12:25			09 Sep 2024 17:51	1
Batch ID: R476688 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24090257-03	4H29011-03	28 Aug 2024 13:31			09 Sep 2024 19:33	1
HS24090257-04	4H29011-04	28 Aug 2024 14:40			09 Sep 2024 19:59	1
HS24090257-05	4H29011-05	28 Aug 2024 15:52			09 Sep 2024 20:10	1
HS24090257-06	4H29011-06	28 Aug 2024 17:15			09 Sep 2024 20:21	1

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
WorkOrder: HS24090257

QC BATCH REPORT

Batch ID: R476586 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-240909** Units: **ug/L** Analysis Date: **09-Sep-2024 09:12**
Client ID: Run ID: **FID-4_476586** SeqNo: **8238128** PrepDate: DF: **1**

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

LCS Sample ID: **LCS-240909** Units: **ug/L** Analysis Date: **09-Sep-2024 09:21**
Client ID: Run ID: **FID-4_476586** SeqNo: **8238129** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	15.17	1.00	18.04	0	84.1	75 - 125				
Ethene	13.5	1.00	16.8	0	80.3	75 - 125				
Methane	9.105	0.500	9.647	0	94.4	75 - 125				

LCSD Sample ID: **LCSD-240909** Units: **ug/L** Analysis Date: **09-Sep-2024 09:29**
Client ID: Run ID: **FID-4_476586** SeqNo: **8238130** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	14.73	1.00	18.04	0	81.7	75 - 125	15.17	2.9	30	
Ethene	13.35	1.00	16.8	0	79.5	75 - 125	13.5	1.1	30	
Methane	9.192	0.500	9.647	0	95.3	75 - 125	9.105	0.952	30	

The following samples were analyzed in this batch: HS24090257-01 HS24090257-02 HS24090257-03 HS24090257-04 HS24090257-05 HS24090257-06

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
WorkOrder: HS24090257

QC BATCH REPORT

Batch ID: 217355 (0) **Instrument: ICPMS06** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLK-217355** Units: **mg/L** Analysis Date: **11-Sep-2024 14:35**
Client ID: Run ID: **ICPMS06_476869** SeqNo: **8244353** PrepDate: **11-Sep-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	ND	0.200								
Manganese	ND	0.00500								

LCS Sample ID: **LCS-217355** Units: **mg/L** Analysis Date: **11-Sep-2024 14:37**
Client ID: Run ID: **ICPMS06_476869** SeqNo: **8244354** PrepDate: **11-Sep-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.644	0.200	5	0	92.9	80 - 120				
Manganese	0.04654	0.00500	0.05	0	93.1	80 - 120				

MS Sample ID: **HS24090257-01MS** Units: **mg/L** Analysis Date: **11-Sep-2024 14:43**
Client ID: **4H29011-01** Run ID: **ICPMS06_476869** SeqNo: **8244357** PrepDate: **11-Sep-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.768	0.200	5	0.006025	95.2	75 - 125				
Manganese	0.2816	0.00500	0.05	0.1999	163	75 - 125				S

MSD Sample ID: **HS24090257-01MSD** Units: **mg/L** Analysis Date: **11-Sep-2024 14:45**
Client ID: **4H29011-01** Run ID: **ICPMS06_476869** SeqNo: **8244358** PrepDate: **11-Sep-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.809	0.200	5	0.006025	96.1	75 - 125	4.768	0.847	20	
Manganese	0.2808	0.00500	0.05	0.1999	162	75 - 125	0.2816	0.278	20	S

PDS Sample ID: **HS24090257-01PDS** Units: **mg/L** Analysis Date: **11-Sep-2024 14:46**
Client ID: **4H29011-01** Run ID: **ICPMS06_476869** SeqNo: **8244359** PrepDate: **11-Sep-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	10.49	0.200	10	0.006025	105	75 - 125				

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
WorkOrder: HS24090257

QC BATCH REPORT

Batch ID: 217355 (0) **Instrument:** ICPMS06 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

PDS Sample ID: **HS24090257-01PDS** Units: **mg/L** Analysis Date: **11-Sep-2024 16:01**
Client ID: **4H29011-01** Run ID: **ICPMS06_476869** SeqNo: **8244561** PrepDate: **11-Sep-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Manganese	0.7204	0.0250	0.5	0.2326	97.6	75 - 125				

SD Sample ID: **HS24090257-01SD** Units: **mg/L** Analysis Date: **11-Sep-2024 14:39**
Client ID: **4H29011-01** Run ID: **ICPMS06_476869** SeqNo: **8244355** PrepDate: **11-Sep-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	ND	1.00					0.006025	0	10	

SD Sample ID: **HS24090257-01SD** Units: **mg/L** Analysis Date: **11-Sep-2024 15:59**
Client ID: **4H29011-01** Run ID: **ICPMS06_476869** SeqNo: **8244560** PrepDate: **11-Sep-2024** DF: **25**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Manganese	0.2304	0.125					0.2326	0.942	10	

The following samples were analyzed in this batch: HS24090257-01 HS24090257-02 HS24090257-03 HS24090257-04 HS24090257-05 HS24090257-06

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
WorkOrder: HS24090257

QC BATCH REPORT

Batch ID: R476687 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-09092024** Units: **mg/L** Analysis Date: **09-Sep-2024 13:51**
Client ID: Run ID: **TOC_05_476687** SeqNo: **8240390** PrepDate: DF: **1**

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

LCS Sample ID: **LCS-09092024** Units: **mg/L** Analysis Date: **09-Sep-2024 14:05**
Client ID: Run ID: **TOC_05_476687** SeqNo: **8240391** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.38	1.00	10	0	104	85 - 115				

LCSD Sample ID: **LCSD-09092024** Units: **mg/L** Analysis Date: **09-Sep-2024 14:17**
Client ID: Run ID: **TOC_05_476687** SeqNo: **8240392** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.32	1.00	10	0	103	85 - 115	10.38	0.58	20	

MS Sample ID: **HS24090257-01MS** Units: **mg/L** Analysis Date: **09-Sep-2024 17:29**
Client ID: **4H29011-01** Run ID: **TOC_05_476687** SeqNo: **8240404** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	13.59	1.00	10	5.144	84.5	80 - 120				

The following samples were analyzed in this batch: HS24090257-01 HS24090257-02

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
WorkOrder: HS24090257

QC BATCH REPORT

Batch ID: R476688 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-09092024** Units: **mg/L** Analysis Date: **09-Sep-2024 18:46**
Client ID: Run ID: **TOC_05_476688** SeqNo: **8240420** PrepDate: DF: **1**

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

LCS Sample ID: **LCS-09092024** Units: **mg/L** Analysis Date: **09-Sep-2024 18:58**
Client ID: Run ID: **TOC_05_476688** SeqNo: **8240421** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.14	1.00	10	0	101	85 - 115				

LCSD Sample ID: **LCSD-09092024** Units: **mg/L** Analysis Date: **09-Sep-2024 19:10**
Client ID: Run ID: **TOC_05_476688** SeqNo: **8240422** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.14	1.00	10	0	101	85 - 115	10.14	0	20	

MS Sample ID: **HS24090257-03MS** Units: **mg/L** Analysis Date: **09-Sep-2024 19:47**
Client ID: **4H29011-03** Run ID: **TOC_05_476688** SeqNo: **8240424** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	16.52	1.00	10	8.686	78.3	80 - 120				S

The following samples were analyzed in this batch: HS24090257-03 HS24090257-04 HS24090257-05 HS24090257-06

ALS Houston, US Date: 11-Sep-24

Client: Permian Basin Environmental Lab, LP
Project: 4H29011
WorkOrder: **HS24090257**

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

ALS Houston, US Date: 11-Sep-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

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

ALS Houston, US Date: 11-Sep-24

Sample Receipt Checklist

Work Order ID: HS24090257 **Date/Time Received:** 05-Sep-2024 10:00

Client Name: Permian Basin Lab **Received by:** Si Ma

Completed By:	/S/ Ruben Estrada-Jr	05-Sep-2024 22:16	**Reviewed by:**	/S/ Anna Kinchen	09-Sep-2024 09:45
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **WATER** Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑	
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑	
Chain of custody present?	Yes ☑	No ☐	1 Page(s)	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
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):	1.5C	IR34
Cooler(s)/Kit(s):	RED	
Date/Time sample(s) sent to storage:	9/5/24 20:00	

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

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

ALS

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY

Phone: 432-661-4184

HS24090257
Permian Basin Environmental Lab, LP
4H29011

Project Manager: Brent Barron
Company Name: PBEL
Company Address: 1400 RANKIN HWY
City/State/Zip: Midland Texas
Telephone No: 432-661-4184
Sampler Signature: N/A
e-mail: brentbarron@pbelab.com

t Name: SUBCONTRACT
roject #:
ect Loc:
PO #:
ormat: X Standard TRRP NPDES

(lab use only)
ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO_3 250 ml Poly	HCl - 3 40mL VOA	H_2SO_4 1 Amber 500/250 Poly	NaOH	$Na_2S_2O_3$	None 1L Poly	NaOH/ZnAc	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	RSKOP 175 PPM	TOC-415.1	Mn Diss ICP-MS 6020A	Fe Diss ICP-MS 6020A	STD TAT
	4H29011-01			08/28/24	11:12		5	X	X	X	X					W	X	X	X	X	X
	4H29011-02			08/28/24	12:25		5	X	X	X	X					W	X	X	X	X	X
	4H29011-03			08/28/24	13:31		5	X	X	X	X					W	X	X	X	X	X
	4H29011-04			08/28/24	14:40		5	X	X	X	X					W	X	X	X	X	X
	4H29011-05			08/28/24	15:52		5	X	X	X	X					W	X	X	X	X	X
	4H29011-06			08/28/24	17:15		5	X	X	X	X					W	X	X	X	X	X

Analyze For: TCLP: TOTAL:

Cooler = Red Temp °C 1.5 IR#34 CF 0.0

Relinquished by:	Date	Time	Received by:	Date	Time
Brent Barron	3-Sep-24	03:25:00 PM			
Relinquished by:	Date	Time	Received by: GM 09/05/24 10:00	09/05/24	10:00
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman

TRC Solutions- Midland, Texas

10 Desta Dr STE 150E

Midland, TX 79705

Project: Monument 10_MNA

Project Number: TNM Monument-10

Location: Lea County, NM

Lab Order Number: 4K13011

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 12/02/24

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	4K13011-01	Water	11/12/24 10:25	11-13-2024 08:30
MW-6	4K13011-02	Water	11/12/24 11:41	11-13-2024 08:30
MW-7	4K13011-03	Water	11/12/24 12:58	11-13-2024 08:30
MW-1	4K13011-04	Water	11/12/24 14:05	11-13-2024 08:30
MW-2	4K13011-05	Water	11/12/24 15:25	11-13-2024 08:30
MW-3A	4K13011-06	Water	11/12/24 16:41	11-13-2024 08:30

TOC, RSK-175, Dissolved Fe and Mn analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:
https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4K13011-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:12	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*69.4 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/13/24 12:12*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/13/24 12:12*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:25	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:25	8015M	SUB-13
Methane	**0.000890**	0.000500	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:25	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	2.00	mg/L	1	P4K1809	11/18/24 13:20	11/18/24 13:25	8000	
Nitrate as N	**2.08**	0.200	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 16:01	EPA 300.0	
Sulfate	**72.3**	1.00	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 16:01	EPA 300.0	
Total Organic Carbon	**3.58**	1.00	mg/L	1	P4K2707	11/21/24 20:11	11/21/24 20:11	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:42	EPA 6020A	SUB-13
Manganese	**0.195**	0.00500	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:42	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-6

4K13011-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:34	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:34	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:34	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:34	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*68.8 %*		*80-120*	*P4K1310*	*11/13/24 10:48*	*11/13/24 12:34*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*105 %*		*80-120*	*P4K1310*	*11/13/24 10:48*	*11/13/24 12:34*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:34	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:34	8015M	SUB-13
Methane	**0.00600**	0.000500	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:34	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**310**	20.0	mg/L	1	P4K1810	11/18/24 13:21	11/18/24 13:23	8000	
Nitrate as N	**0.521**	0.200	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 17:00	EPA 300.0	
Sulfate	**27.1**	1.00	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 17:00	EPA 300.0	
Total Organic Carbon	**5.42**	1.00	mg/L	1	P4K2707	11/21/24 20:33	11/21/24 20:33	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:26	EPA 6020A	SUB-13
Manganese	**0.460**	0.00500	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:26	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-7

4K13011-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:56	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:56	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 12:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*68.3 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/13/24 12:56*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/13/24 12:56*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:42	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:42	8015M	SUB-13
Methane	**0.0104**	0.000500	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:42	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**4.00**	2.00	mg/L	1	P4K1809	11/18/24 13:20	11/18/24 13:25	8000	
Nitrate as N	**0.591**	0.200	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 17:19	EPA 300.0	
Sulfate	**41.5**	1.00	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 17:19	EPA 300.0	
Total Organic Carbon	**6.10**	1.00	mg/L	1	P4K2707	11/21/24 20:44	11/21/24 20:44	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:44	EPA 6020A	SUB-13
Manganese	**0.142**	0.00500	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:44	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-1

4K13011-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 13:18	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 13:18	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 13:18	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 13:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/13/24 13:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*70.6 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/13/24 13:18*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/13/24 13:18*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:50	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:50	8015M	SUB-13
Methane	**0.225**	0.00500	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 17:15	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**580**	40.0	mg/L	1	P4K1810	11/18/24 13:21	11/18/24 13:23	8000	
Nitrate as N	ND	0.200	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 17:38	EPA 300.0	
Sulfate	**13.6**	1.00	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 17:38	EPA 300.0	
Total Organic Carbon	**18.2**	10.0	mg/L	1	P4K2707	11/21/24 21:37	11/21/24 21:37	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.239**	0.200	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:46	EPA 6020A	SUB-13
Manganese	**1.28**	0.00500	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:46	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-2

4K13011-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 08:58	EPA 8021B	
Toluene	**0.00138**	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 08:58	EPA 8021B	
Ethylbenzene	**0.00174**	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 08:58	EPA 8021B	
Xylene (p/m)	**0.00224**	0.00200	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 08:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 08:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*74.8 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/14/24 08:58*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/14/24 08:58*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:58	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 16:58	8015M	SUB-13
Methane	**0.160**	0.00250	mg/L	1	P4K2707	11/15/24 00:00	11/16/24 14:57	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**7760**	40.0	mg/L	1	P4K1810	11/18/24 13:21	11/18/24 13:23	8000	
Nitrate as N	**0.211**	0.200	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 17:58	EPA 300.0	
Sulfate	**38.9**	1.00	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 17:58	EPA 300.0	
Total Organic Carbon	**6.35**	1.00	mg/L	1	P4K2707	11/22/24 13:55	11/22/24 13:55	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:48	EPA 6020A	SUB-13
Manganese	**0.139**	0.00500	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:48	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-3A

4K13011-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.00171**	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 09:20	EPA 8021B	
Toluene	**0.00238**	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 09:20	EPA 8021B	
Ethylbenzene	**0.00192**	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 09:20	EPA 8021B	
Xylene (p/m)	**0.00969**	0.00200	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 09:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 09:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*71.8 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/14/24 09:20*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/14/24 09:20*	*EPA 8021B*	
Ethane	**0.00868**	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 17:07	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4K2707	11/15/24 00:00	11/15/24 17:07	8015M	SUB-13
Methane	**1.43**	0.0250	mg/L	1	P4K2707	11/15/24 00:00	11/16/24 15:06	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**3330**	20.0	mg/L	1	P4K1810	11/18/24 13:21	11/18/24 13:23	8000	
Nitrate as N	ND	0.200	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 18:17	EPA 300.0	
Sulfate	ND	1.00	mg/L	1	P4K1311	11/13/24 13:55	11/13/24 18:17	EPA 300.0	
Total Organic Carbon	**26.6**	10.0	mg/L	1	P4K2707	11/21/24 21:59	11/21/24 21:59	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**1.46**	0.200	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:50	EPA 6020A	SUB-13
Manganese	**0.794**	0.00500	mg/L	1	P4K2707	11/15/24 00:00	11/19/24 19:50	EPA 6020A	SUB-13

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4K1310 - * DEFAULT PREP *** **										
Blank (P4K1310-BLK1)				Prepared & Analyzed: 11/13/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0832*		*"*	*0.120*		*69.3*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*105*	*80-120*			
LCS (P4K1310-BS1)				Prepared & Analyzed: 11/13/24						
Benzene	0.0870	0.00100	mg/L	0.100		87.0	80-120			
Toluene	0.0802	0.00100	"	0.100		80.2	80-120			
Ethylbenzene	0.0813	0.00100	"	0.100		81.3	80-120			
Xylene (p/m)	0.161	0.00200	"	0.200		80.3	80-120			
Xylene (o)	0.0807	0.00100	"	0.100		80.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0874*		*"*	*0.120*		*72.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*108*	*80-120*			
LCS Dup (P4K1310-BSD1)				Prepared & Analyzed: 11/13/24						
Benzene	0.0940	0.00100	mg/L	0.100		94.0	80-120	7.80	20	
Toluene	0.0836	0.00100	"	0.100		83.6	80-120	4.13	20	
Ethylbenzene	0.0895	0.00100	"	0.100		89.5	80-120	9.61	20	
Xylene (p/m)	0.176	0.00200	"	0.200		88.1	80-120	9.22	20	
Xylene (o)	0.0813	0.00100	"	0.100		81.3	80-120	0.803	20	
Surrogate: 4-Bromofluorobenzene	*0.0876*		*"*	*0.120*		*73.0*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*108*	*80-120*			
Calibration Blank (P4K1310-CCB1)				Prepared & Analyzed: 11/13/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0842*		*"*	*0.120*		*70.2*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4K1310 - * DEFAULT PREP *** **										
Calibration Check (P4K1310-CCV1)				Prepared & Analyzed: 11/13/24						
Benzene	0.0895	0.00100	mg/L	0.100		89.5	80-120			
Toluene	0.0807	0.00100	"	0.100		80.7	80-120			
Ethylbenzene	0.0803	0.00100	"	0.100		80.3	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.2	80-120			
Xylene (o)	0.0812	0.00100	"	0.100		81.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0854*		*"*	*0.120*		*71.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*106*	*80-120*			
Calibration Check (P4K1310-CCV3)				Prepared: 11/13/24 Analyzed: 11/14/24						
Benzene	0.0934	0.00100	mg/L	0.100		93.4	80-120			
Toluene	0.0831	0.00100	"	0.100		83.1	80-120			
Ethylbenzene	0.0819	0.00100	"	0.100		81.9	80-120			
Xylene (p/m)	0.171	0.00200	"	0.200		85.6	80-120			
Xylene (o)	0.0820	0.00100	"	0.100		82.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0883*		*"*	*0.120*		*73.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
Matrix Spike (P4K1310-MS1)		**Source: 4K13012-01**		Prepared: 11/13/24 Analyzed: 11/14/24						
Benzene	0.0972	0.00100	mg/L	0.100	ND	97.2	80-120			
Toluene	0.0890	0.00100	"	0.100	ND	89.0	80-120			
Ethylbenzene	0.0943	0.00100	"	0.100	ND	94.3	80-120			
Xylene (p/m)	0.175	0.00200	"	0.200	ND	87.6	80-120			
Xylene (o)	0.0821	0.00100	"	0.100	ND	82.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0871*		*"*	*0.120*		*72.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Matrix Spike Dup (P4K1310-MSD1)		**Source: 4K13012-01**		Prepared: 11/13/24 Analyzed: 11/14/24						
Benzene	0.0818	0.00100	mg/L	0.100	ND	81.8	80-120	17.2	20	
Toluene	0.0732	0.00100	"	0.100	ND	73.2	80-120	19.4	20	QM-05
Ethylbenzene	0.0771	0.00100	"	0.100	ND	77.1	80-120	20.1	20	QM-05
Xylene (p/m)	0.144	0.00200	"	0.200	ND	72.0	80-120	19.6	20	QM-05
Xylene (o)	0.0671	0.00100	"	0.100	ND	67.1	80-120	20.2	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.0875*		*"*	*0.120*		*72.9*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4K1311 - * DEFAULT PREP *** **										
Blank (P4K1311-BLK1)				Prepared & Analyzed: 11/13/24						
Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							
LCS (P4K1311-BS1)				Prepared & Analyzed: 11/13/24						
Nitrate as N	18.9		mg/L	20.0		94.3	90-110			
Sulfate	18.2		"	20.0		91.1	90-110			
LCS Dup (P4K1311-BSD1)				Prepared & Analyzed: 11/13/24						
Nitrate as N	18.9		mg/L	20.0		94.4	90-110	0.0954	10	
Sulfate	18.2		"	20.0		91.2	90-110	0.0658	10	
Calibration Check (P4K1311-CCV1)				Prepared & Analyzed: 11/13/24						
Sulfate	18.1		mg/L	20.0		90.7	90-110			
Nitrate as N	18.9		"	20.0		94.5	90-110			
Calibration Check (P4K1311-CCV2)				Prepared & Analyzed: 11/13/24						
Sulfate	18.3		mg/L	20.0		91.6	90-110			
Nitrate as N	18.9		"	20.0		94.7	90-110			
Matrix Spike (P4K1311-MS1)		**Source: 4K13011-01**		Prepared & Analyzed: 11/13/24						
Nitrate as N	11.4		mg/L	10.0	2.08	93.1	80-120			
Sulfate	166		"	100	72.3	94.0	80-120			
Matrix Spike Dup (P4K1311-MSD1)		**Source: 4K13011-01**		Prepared & Analyzed: 11/13/24						
Sulfate	170		mg/L	100	72.3	98.2	80-120	2.51	20	
Nitrate as N	11.4		"	10.0	2.08	93.0	80-120	0.00878	20	

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4K1809 - * DEFAULT PREP *** **										
Blank (P4K1809-BLK1)				Prepared & Analyzed: 11/18/24						
Chemical Oxygen Demand	ND	2.00	mg/L							
Batch P4K1810 - * DEFAULT PREP *** **										
Blank (P4K1810-BLK1)				Prepared & Analyzed: 11/18/24						
Chemical Oxygen Demand	ND	2.00	mg/L							

TRC Solutions- Midland, Texas	Project: Monument 10_MNA
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 12/2/2024

Brent Barron, Laboratory Director/Technical Director

TRC Solutions- Midland, Texas	Project:	Monument 10_MNA
10 Desta Dr STE 150E	Project Number:	TNM Monument-10
Midland TX, 79705	Project Manager:	Jonathan Repman

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jon Repman
Company Name: TRC Companies
Company Address: 10 Desta Drive, Suite 410E
City/State/Zip: Midland, TX 79705
Telephone No: (432) 208-5219 **Fax No:**
Sampler Signature:

Project Name: Plains Marketing, L.P.
Project #: [redacted] Monument 10
Project Loc: Lea County, New Mexico
PO #: SRS [redacted]
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: jrepman@trccompanies.com, Camille.Bryant@plains.com, Karolanne.Hudgens@plains.com

(lab use only)
ORDER #: 4K13011

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: Total BTEX by 8260	TOC MW 5310	Dissolved Methane Ethane & Ethene by RSK-175			Total Dissolved Metals (Fe & Mn)		Nitrate/sulfate 4300	COD by SM5310	HOLD	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 4			11-12-24	1025		9	X	1	6	2					GW	X	X	X			X		X	X			
2	MW 6				1141																							
3	MW 7				1258																							
4	MW 1				1405																							
5	MW 2				1525																							
6	MW 3A				1641																							

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	11-13-24	0830			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				11/13/24	8:30

Laboratory Comments:

Sample Containers Intact?	Y	N
Labels on container(s)	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?		N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 1.3 °C Thermometor: NF
Adjusted: °C Factor: 63

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron — **Project Name:** SUBCONTRACT

Company Name: PBEL — **Project #:**

Company Address: 1400 Rankin HWY — **Project Loc:**

City/State/Zip: Midland Texas 79701 — **PO #:**

Telephone No: 432-661-4184 — Fax No: — **Report Format:** X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A — e-mail: brentbarron@pbelab.com

ORDER #: :

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSKSOP 175 PPM	ROC-415.1	Fe DISS ICPMS 6020A	Mn DISS ICP MS 6020A									24 HOUR RUSH	STANDARD
	4K13011-01			11/12/2024	10:25	Y	5	X	X	X	X					WATER	X	X	X	X										X
	4K13011-02			11/12/2024	11:41	Y	5	X	X	X	X					WATER	X	X	X	X										X
	4K13011-03			11/12/2024	12:58	Y	5	X	X	X	X					WATER	X	X	X	X										X
	4K13011-04			11/12/2024	14:05	Y	5	X	X	X	X					WATER	X	X	X	X										X
	4K13011-05			11/12/2024	15:25	Y	5	X	X	X	X					WATER	X	X	X	X										X
	4K13011-06			11/12/2024	16:41	Y	5	X	X	X	X					WATER	X	X	X	X										X

Please add tressa@pbelab.com to the WOA. Thank you.

BRENT BARRON	11/13/2024	5:00 PM	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

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

November 22, 2024

Brent Barron
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS24110891**

Laboratory Results for: **4K13011**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Nov 14, 2024 for the analysis presented in the following report.

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

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

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

Sincerely,

Generated By: DAYNA.FISHER
Jessica Monfore
Project manager

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
Work Order: HS24110891

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24110891-01	4K13011-1	Water		12-Nov-2024 10:25	14-Nov-2024 09:20	☐
HS24110891-02	4K13011-2	Water		12-Nov-2024 11:41	14-Nov-2024 09:20	☐
HS24110891-03	4K13011-3	Water		12-Nov-2024 12:58	14-Nov-2024 09:20	☐
HS24110891-04	4K13011-4	Water		12-Nov-2024 14:05	14-Nov-2024 09:20	☐
HS24110891-05	4K13011-5	Water		12-Nov-2024 15:25	14-Nov-2024 09:20	☐
HS24110891-06	4K13011-6	Water		12-Nov-2024 16:41	14-Nov-2024 09:20	☐

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4K13011
Work Order: HS24110891

GC Semivolatiles by Method RSK-175

Batch ID: R500135,R500181

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

Metals by Method SW6020A

Batch ID: 220790

Sample ID: 4K13011-2 (HS24110891-02MS)

- The MS and/or MSD recovery was outside of the control; however, the result in the parent sample is greater than 4x the spike amount. Manganese.

WetChemistry by Method E415.1

Batch ID: R500729,R500763

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

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
Sample ID: 4K13011-1
Collection Date: 12-Nov-2024 10:25

ANALYTICAL REPORT
WorkOrder:HS24110891
Lab ID:HS24110891-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	15-Nov-2024 16:25
Ethene	ND		1.00	ug/L	1	15-Nov-2024 16:25
Methane	**0.890**		**0.500**	**ug/L**	1	15-Nov-2024 16:25
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 19-Nov-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	19-Nov-2024 19:42
Manganese	**0.195**		**0.00500**	**mg/L**	1	19-Nov-2024 19:42
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**3.58**		**1.00**	**mg/L**	1	21-Nov-2024 20:11

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

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
Sample ID: 4K13011-2
Collection Date: 12-Nov-2024 11:41

ANALYTICAL REPORT
WorkOrder:HS24110891
Lab ID:HS24110891-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	15-Nov-2024 16:34
Ethene	ND		1.00	ug/L	1	15-Nov-2024 16:34
Methane	**6.00**		**0.500**	**ug/L**	1	15-Nov-2024 16:34
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 19-Nov-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	19-Nov-2024 19:26
Manganese	**0.460**		**0.00500**	**mg/L**	1	19-Nov-2024 19:26
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**5.42**		**1.00**	**mg/L**	1	21-Nov-2024 20:33

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

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
Sample ID: 4K13011-3
Collection Date: 12-Nov-2024 12:58

ANALYTICAL REPORT
WorkOrder:HS24110891
Lab ID:HS24110891-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	15-Nov-2024 16:42
Ethene	ND		1.00	ug/L	1	15-Nov-2024 16:42
Methane	**10.4**		**0.500**	**ug/L**	1	15-Nov-2024 16:42
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 19-Nov-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	19-Nov-2024 19:44
Manganese	**0.142**		**0.00500**	**mg/L**	1	19-Nov-2024 19:44
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**6.10**		**1.00**	**mg/L**	1	21-Nov-2024 20:44

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

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
Sample ID: 4K13011-4
Collection Date: 12-Nov-2024 14:05

ANALYTICAL REPORT
WorkOrder:HS24110891
Lab ID:HS24110891-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175	**Method:RSK-175**					Analyst: RG
Ethane	ND		1.00	ug/L	1	15-Nov-2024 16:50
Ethene	ND		1.00	ug/L	1	15-Nov-2024 16:50
Methane	**225**		**5.00**	**ug/L**	10	15-Nov-2024 17:15
DISSOLVED METALS BY SW6020A	**Method:SW6020A (dissolved)**			Prep:SW3010A / 19-Nov-2024		Analyst: JC
Iron	**0.239**		**0.200**	**mg/L**	1	19-Nov-2024 19:46
Manganese	**1.28**		**0.00500**	**mg/L**	1	19-Nov-2024 19:46
TOTAL ORGANIC CARBON BY E415.1	**Method:E415.1**					Analyst: JAC
Organic Carbon, Total	**18.2**		**10.0**	**mg/L**	10	21-Nov-2024 21:37

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

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
Sample ID: 4K13011-5
Collection Date: 12-Nov-2024 15:25

ANALYTICAL REPORT
WorkOrder:HS24110891
Lab ID:HS24110891-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	15-Nov-2024 16:58
Ethene	ND		1.00	ug/L	1	15-Nov-2024 16:58
Methane	**160**		**2.50**	**ug/L**	5	16-Nov-2024 14:57
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 19-Nov-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	19-Nov-2024 19:48
Manganese	**0.139**		**0.00500**	**mg/L**	1	19-Nov-2024 19:48
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**6.35**		**1.00**	**mg/L**	1	22-Nov-2024 13:55

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

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
Sample ID: 4K13011-6
Collection Date: 12-Nov-2024 16:41

ANALYTICAL REPORT
WorkOrder:HS24110891
Lab ID:HS24110891-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175	**Method:RSK-175**					Analyst: RG
Ethane	**8.68**		**1.00**	**ug/L**	1	15-Nov-2024 17:07
Ethene	ND		1.00	ug/L	1	15-Nov-2024 17:07
Methane	**1,430**		**25.0**	**ug/L**	50	16-Nov-2024 15:06
DISSOLVED METALS BY SW6020A	**Method:SW6020A (dissolved)**			Prep:SW3010A / 19-Nov-2024		Analyst: JC
Iron	**1.46**		**0.200**	**mg/L**	1	19-Nov-2024 19:50
Manganese	**0.794**		**0.00500**	**mg/L**	1	19-Nov-2024 19:50
TOTAL ORGANIC CARBON BY E415.1	**Method:E415.1**					Analyst: JAC
Organic Carbon, Total	**26.6**		**10.0**	**mg/L**	10	21-Nov-2024 21:59

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

ALS Houston, US

Date: 22-Nov-24

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
WorkOrder: HS24110891

Batch ID: 220790 **Start Date:** 19 Nov 2024 09:30 **End Date:** 19 Nov 2024 09:30
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24110891-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24110891-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24110891-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24110891-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24110891-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24110891-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
WorkOrder: HS24110891

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 220790 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Water	
HS24110891-01	4K13011-1	12 Nov 2024 10:25		19 Nov 2024 09:30	19 Nov 2024 19:42	1
HS24110891-02	4K13011-2	12 Nov 2024 11:41		19 Nov 2024 09:30	19 Nov 2024 19:26	1
HS24110891-03	4K13011-3	12 Nov 2024 12:58		19 Nov 2024 09:30	19 Nov 2024 19:44	1
HS24110891-04	4K13011-4	12 Nov 2024 14:05		19 Nov 2024 09:30	19 Nov 2024 19:46	1
HS24110891-05	4K13011-5	12 Nov 2024 15:25		19 Nov 2024 09:30	19 Nov 2024 19:48	1
HS24110891-06	4K13011-6	12 Nov 2024 16:41		19 Nov 2024 09:30	19 Nov 2024 19:50	1
Batch ID: R500135 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24110891-01	4K13011-1	12 Nov 2024 10:25			15 Nov 2024 16:25	1
HS24110891-02	4K13011-2	12 Nov 2024 11:41			15 Nov 2024 16:34	1
HS24110891-03	4K13011-3	12 Nov 2024 12:58			15 Nov 2024 16:42	1
HS24110891-04	4K13011-4	12 Nov 2024 14:05			15 Nov 2024 17:15	10
HS24110891-04	4K13011-4	12 Nov 2024 14:05			15 Nov 2024 16:50	1
HS24110891-05	4K13011-5	12 Nov 2024 15:25			15 Nov 2024 16:58	1
HS24110891-06	4K13011-6	12 Nov 2024 16:41			15 Nov 2024 17:07	1
Batch ID: R500181 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24110891-05	4K13011-5	12 Nov 2024 15:25			16 Nov 2024 14:57	5
HS24110891-06	4K13011-6	12 Nov 2024 16:41			16 Nov 2024 15:06	50
Batch ID: R500729 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24110891-01	4K13011-1	12 Nov 2024 10:25			21 Nov 2024 20:11	1
HS24110891-02	4K13011-2	12 Nov 2024 11:41			21 Nov 2024 20:33	1
HS24110891-03	4K13011-3	12 Nov 2024 12:58			21 Nov 2024 20:44	1
HS24110891-04	4K13011-4	12 Nov 2024 14:05			21 Nov 2024 21:37	10
HS24110891-06	4K13011-6	12 Nov 2024 16:41			21 Nov 2024 21:59	10
Batch ID: R500763 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24110891-05	4K13011-5	12 Nov 2024 15:25			22 Nov 2024 13:55	1

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
WorkOrder: HS24110891

QC BATCH REPORT

Batch ID: R500135 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-241115** Units: **ug/L** Analysis Date: **15-Nov-2024 15:58**
Client ID: Run ID: **FID-4_500135** SeqNo: **8527278** PrepDate: DF: **1**

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

LCS Sample ID: **LCS-241115** Units: **ug/L** Analysis Date: **15-Nov-2024 16:06**
Client ID: Run ID: **FID-4_500135** SeqNo: **8527279** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	18.11	1.00	18.04	0	100	75 - 125				
Ethene	17.91	1.00	16.8	0	107	75 - 125				
Methane	8.992	0.500	9.647	0	93.2	75 - 125				

LCSD Sample ID: **LCSD-241115** Units: **ug/L** Analysis Date: **15-Nov-2024 16:17**
Client ID: Run ID: **FID-4_500135** SeqNo: **8527280** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	17.27	1.00	18.04	0	95.7	75 - 125	18.11	4.77	30	
Ethene	17.65	1.00	16.8	0	105	75 - 125	17.91	1.45	30	
Methane	9.018	0.500	9.647	0	93.5	75 - 125	8.992	0.286	30	

The following samples were analyzed in this batch: HS24110891-01 HS24110891-02 HS24110891-03 HS24110891-04 HS24110891-05 HS24110891-06

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
WorkOrder: HS24110891

QC BATCH REPORT

Batch ID: R500181 (0) **Instrument: FID-4** **Method: DISSOLVED GASES BY RSK-175**

MBLK Sample ID: **MBLK-241116** Units: **ug/L** Analysis Date: **16-Nov-2024 14:32**
Client ID: Run ID: **FID-4_500181** SeqNo: **8528342** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methane	ND	0.500								

LCS Sample ID: **LCS-241116** Units: **ug/L** Analysis Date: **16-Nov-2024 14:40**
Client ID: Run ID: **FID-4_500181** SeqNo: **8528343** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methane	9.631	0.500	9.647	0	99.8	75 - 125				

LCSD Sample ID: **LCSD-241116** Units: **ug/L** Analysis Date: **16-Nov-2024 14:48**
Client ID: Run ID: **FID-4_500181** SeqNo: **8528344** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methane	8.577	0.500	9.647	0	88.9	75 - 125	9.631	11.6	30	

The following samples were analyzed in this batch: HS24110891-05 HS24110891-06

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
WorkOrder: HS24110891

QC BATCH REPORT

Batch ID: 220790 (0) **Instrument: ICPMS06** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLK-220790** Units: **mg/L** Analysis Date: **19-Nov-2024 19:23**
Client ID: Run ID: **ICPMS06_500369** SeqNo: **8534469** PrepDate: **19-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	ND	0.200								
Manganese	ND	0.00500								

LCS Sample ID: **LCS-220790** Units: **mg/L** Analysis Date: **19-Nov-2024 19:25**
Client ID: Run ID: **ICPMS06_500369** SeqNo: **8534470** PrepDate: **19-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.164	0.200	5	0	83.3	80 - 120				
Manganese	0.04141	0.00500	0.05	0	82.8	80 - 120				

MS Sample ID: **HS24110891-02MS** Units: **mg/L** Analysis Date: **19-Nov-2024 19:30**
Client ID: **4K13011-2** Run ID: **ICPMS06_500369** SeqNo: **8534473** PrepDate: **19-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.209	0.200	5	0.0489	83.2	75 - 125				
Manganese	0.4965	0.00500	0.05	0.4604	72.2	75 - 125				SO

MSD Sample ID: **HS24110891-02MSD** Units: **mg/L** Analysis Date: **19-Nov-2024 19:32**
Client ID: **4K13011-2** Run ID: **ICPMS06_500369** SeqNo: **8534474** PrepDate: **19-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.242	0.200	5	0.0489	83.9	75 - 125	4.209	0.781	20	
Manganese	0.5075	0.00500	0.05	0.4604	94.2	75 - 125	0.4965	2.19	20	O

PDS Sample ID: **HS24110891-02PDS** Units: **mg/L** Analysis Date: **19-Nov-2024 19:34**
Client ID: **4K13011-2** Run ID: **ICPMS06_500369** SeqNo: **8534475** PrepDate: **19-Nov-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	9.316	0.200	10	0.0489	92.7	75 - 125				
Manganese	0.5504	0.00500	0.1	0.4604	90.0	75 - 125				O

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
WorkOrder: HS24110891

QC BATCH REPORT

Batch ID: 220790 (0) **Instrument:** ICPMS06 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

SD Sample ID: **HS24110891-02SD** Units: **mg/L** Analysis Date: **19-Nov-2024 19:28**
Client ID: **4K13011-2** Run ID: **ICPMS06_500369** SeqNo: **8534472** PrepDate: **19-Nov-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	ND	1.00					0.0489	0	10	
Manganese	0.4775	0.0250					0.4604	3.72	10	

The following samples were analyzed in this batch: HS24110891-01 HS24110891-02 HS24110891-03 HS24110891-04 HS24110891-05 HS24110891-06

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
WorkOrder: HS24110891

QC BATCH REPORT

Batch ID: R500729 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-1121024** Units: **mg/L** Analysis Date: **21-Nov-2024 19:04**
Client ID: Run ID: **TOC_04_500729** SeqNo: **8545631** PrepDate: DF: **1**

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

LCS Sample ID: **LCS-11212024** Units: **mg/L** Analysis Date: **21-Nov-2024 19:16**
Client ID: Run ID: **TOC_04_500729** SeqNo: **8545632** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.835	1.00	10	0	98.4	85 - 115				

LCSD Sample ID: **LCSD-11212024** Units: **mg/L** Analysis Date: **21-Nov-2024 19:27**
Client ID: Run ID: **TOC_04_500729** SeqNo: **8545633** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.899	1.00	10	0	99.0	85 - 115	9.835	0.649	20	

MS Sample ID: **HS24110891-01MS** Units: **mg/L** Analysis Date: **21-Nov-2024 20:23**
Client ID: **4K13011-1** Run ID: **TOC_04_500729** SeqNo: **8545638** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	14.91	1.00	10	3.575	113	80 - 120				

The following samples were analyzed in this batch: HS24110891-01 HS24110891-02 HS24110891-03 HS24110891-04 HS24110891-06

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
WorkOrder: HS24110891

QC BATCH REPORT

Batch ID: R500763 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-1122024** Units: **mg/L** Analysis Date: **22-Nov-2024 13:20**
Client ID: Run ID: **TOC_04_500763** SeqNo: **8546447** PrepDate: DF: **1**

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

LCS Sample ID: **LCS-11222024** Units: **mg/L** Analysis Date: **22-Nov-2024 13:33**
Client ID: Run ID: **TOC_04_500763** SeqNo: **8546448** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.14	1.00	10	0	101	85 - 115				

LCSD Sample ID: **LCSD-11222024** Units: **mg/L** Analysis Date: **22-Nov-2024 13:44**
Client ID: Run ID: **TOC_04_500763** SeqNo: **8546449** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.27	1.00	10	0	103	85 - 115	10.14	1.27	20	

MS Sample ID: **HS24110891-05MS** Units: **mg/L** Analysis Date: **22-Nov-2024 14:06**
Client ID: **4K13011-5** Run ID: **TOC_04_500763** SeqNo: **8546451** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	15.73	1.00	10	6.353	93.8	80 - 120				

The following samples were analyzed in this batch: HS24110891-05

ALS Houston, US Date: 22-Nov-24

Client: Permian Basin Environmental Lab, LP
Project: 4K13011
WorkOrder: **HS24110891**

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

ALS Houston, US Date: 22-Nov-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2024
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025

ALS Houston, US Date: 22-Nov-24

Sample Receipt Checklist

Work Order ID: HS24110891 **Date/Time Received:** 14-Nov-2024 09:20

Client Name: Permian Basin Lab **Received by:** Travis Appling

Completed By:	/S/ Jacob Coronado	15-Nov-2024 01:19	**Reviewed by:**	/S/ Jessica Monfore	18-Nov-2024 16:27
	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 ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
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):	4.2uc/4.2c	ir34
Cooler(s)/Kit(s):	red	
Date/Time sample(s) sent to storage:	11/15/2024 0120	

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:

HS24110891

Permian Basin Environmental Lab. LP

4K13011

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Project Manager: Brent Barron

Company Name: PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184 Fax No:

Sampler Signature: N/A e-mail: brentbarron@pbelab.com

Project #:

Project Loc:

PO #:

Report Format: X Standard ☐ TRRP ☐ NPDES

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSKSOP 175 PPM	ROC-415.1	Fe DISS ICPMS 6020A	Mn DISS ICP MS 6020A									24 HOUR RUSH	STANDARD
	4K13011-01			11/12/2024	10:25	Y	5	X	X	X	X					WATER	X	X	X	X									X
	4K13011-02			11/12/2024	11:41	Y	5	X	X	X	X					WATER	X	X	X	X									X
	4K13011-03			11/12/2024	12:58	Y	5	X	X	X	X					WATER	X	X	X	X									X
	4K13011-04			11/12/2024	14:05	Y	5	X	X	X	X					WATER	X	X	X	X									X
	4K13011-05			11/12/2024	15:25	Y	5	X	X	X	X					WATER	X	X	X	X									X
	4K13011-06			11/12/2024	16:41	Y	5	X	X	X	X					WATER	X	X	X	X									X

Please add tressa@pbelab.com to the WOA. Thank you.

BRENT BARRON	11/13/2024	5:00 PM	Received by:	Date	Time
Relinquished by:	Date 11/14/24	Time 0920	Received by: COOLER RED CF 0.0 4.2 1234	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

ORIGIN ID:MAFA (432) 686-7235
TRESSA BLEDSOE
PERMIAN BASIN ENVIRONMENTAL LAB, LP
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US

SHIP DATE: 13NOV24
ACTWGT: 35.00 LB
CAD: 107136846/INET4535
DIMS: 19x17x9 IN

BILL RECIPIENT

TO **SAMPLE RECEIVING**
ALS-HOUSTON
10450 STANCLIFF RD

HOUSTON TX 77099
(281) 530-5615

INV:
PO:
REF:
DEPT:

58CJ5/582E/C6C4

J244024091081uv

FedEx Express

THU - 14 NOV 5:00P
STANDARD OVERNIGHT

TRK# 0201 **7799 3307 7982**

AB SGRA

77099
TX-US IAH

NOV 14 2024

After printing this label:
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PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman

TRC Solutions- Midland, Texas

10 Desta Dr STE 150E

Midland, TX 79705

Project: Monument 10

Project Number: TNM Monument-10

Location: None Given

Lab Order Number: 4K13013

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 11/18/24

TRC Solutions- Midland, Texas	Project:	Monument 10
10 Desta Dr STE 150E	Project Number:	TNM Monument-10
Midland TX, 79705	Project Manager:	Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	4K13013-01	Water	11/12/24 17:03	11-13-2024 08:30

TRC Solutions- Midland, Texas	Project: Monument 10
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

MW-5

4K13013-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 13:24	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 13:24	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 13:24	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 13:24	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4K1310	11/13/24 10:48	11/14/24 13:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*70.8 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/14/24 13:24*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4K1310*	*11/13/24 10:48*	*11/14/24 13:24*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: Monument 10
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4K1310 - * DEFAULT PREP *** **										
Blank (P4K1310-BLK1)				Prepared & Analyzed: 11/13/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0832*		*"*	*0.120*		*69.3*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*105*	*80-120*			
LCS (P4K1310-BS1)				Prepared & Analyzed: 11/13/24						
Benzene	0.0870	0.00100	mg/L	0.100		87.0	80-120			
Toluene	0.0802	0.00100	"	0.100		80.2	80-120			
Ethylbenzene	0.0813	0.00100	"	0.100		81.3	80-120			
Xylene (p/m)	0.161	0.00200	"	0.200		80.3	80-120			
Xylene (o)	0.0807	0.00100	"	0.100		80.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0874*		*"*	*0.120*		*72.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*108*	*80-120*			
LCS Dup (P4K1310-BSD1)				Prepared & Analyzed: 11/13/24						
Benzene	0.0940	0.00100	mg/L	0.100		94.0	80-120	7.80	20	
Toluene	0.0836	0.00100	"	0.100		83.6	80-120	4.13	20	
Ethylbenzene	0.0895	0.00100	"	0.100		89.5	80-120	9.61	20	
Xylene (p/m)	0.176	0.00200	"	0.200		88.1	80-120	9.22	20	
Xylene (o)	0.0813	0.00100	"	0.100		81.3	80-120	0.803	20	
Surrogate: 4-Bromofluorobenzene	*0.0876*		*"*	*0.120*		*73.0*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*108*	*80-120*			
Calibration Blank (P4K1310-CCB1)				Prepared & Analyzed: 11/13/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0842*		*"*	*0.120*		*70.2*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			

TRC Solutions- Midland, Texas	Project: Monument 10
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4K1310 - * DEFAULT PREP *** **										
Calibration Check (P4K1310-CCV1)				Prepared & Analyzed: 11/13/24						
Benzene	0.0895	0.00100	mg/L	0.100		89.5	80-120			
Toluene	0.0807	0.00100	"	0.100		80.7	80-120			
Ethylbenzene	0.0803	0.00100	"	0.100		80.3	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.2	80-120			
Xylene (o)	0.0812	0.00100	"	0.100		81.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0854*		*"*	*0.120*		*71.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*106*	*80-120*			
Calibration Check (P4K1310-CCV3)				Prepared: 11/13/24 Analyzed: 11/14/24						
Benzene	0.0934	0.00100	mg/L	0.100		93.4	80-120			
Toluene	0.0831	0.00100	"	0.100		83.1	80-120			
Ethylbenzene	0.0819	0.00100	"	0.100		81.9	80-120			
Xylene (p/m)	0.171	0.00200	"	0.200		85.6	80-120			
Xylene (o)	0.0820	0.00100	"	0.100		82.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0883*		*"*	*0.120*		*73.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			
Matrix Spike (P4K1310-MS1)		**Source: 4K13012-01**		Prepared: 11/13/24 Analyzed: 11/14/24						
Benzene	0.0972	0.00100	mg/L	0.100	ND	97.2	80-120			
Toluene	0.0890	0.00100	"	0.100	ND	89.0	80-120			
Ethylbenzene	0.0943	0.00100	"	0.100	ND	94.3	80-120			
Xylene (p/m)	0.175	0.00200	"	0.200	ND	87.6	80-120			
Xylene (o)	0.0821	0.00100	"	0.100	ND	82.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0871*		*"*	*0.120*		*72.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Matrix Spike Dup (P4K1310-MSD1)		**Source: 4K13012-01**		Prepared: 11/13/24 Analyzed: 11/14/24						
Benzene	0.0818	0.00100	mg/L	0.100	ND	81.8	80-120	17.2	20	
Toluene	0.0732	0.00100	"	0.100	ND	73.2	80-120	19.4	20	QM-05
Ethylbenzene	0.0771	0.00100	"	0.100	ND	77.1	80-120	20.1	20	QM-05
Xylene (p/m)	0.144	0.00200	"	0.200	ND	72.0	80-120	19.6	20	QM-05
Xylene (o)	0.0671	0.00100	"	0.100	ND	67.1	80-120	20.2	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.0875*		*"*	*0.120*		*72.9*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			

TRC Solutions- Midland, Texas	Project: Monument 10
10 Desta Dr STE 150E	Project Number: TNM Monument-10
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 11/18/2024

Brent Barron, Laboratory Director/Technical Director

TRC Solutions- Midland, Texas	Project:	Monument 10
10 Desta Dr STE 150E	Project Number:	TNM Monument-10
Midland TX, 79705	Project Manager:	Jonathan Repman

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Jon Repman
Company Name: TRC Companies
Company Address: 10 Desta Dr STE 410E
City/State/Zip: Midland, Tx 79705
Telephone No: 432 208 5219 Fax No:
Sampler Signature: e-mail:

Project Name:
Project #: Monument 10
Project Loc:
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 4K13013

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Solids, Dry Weight	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 5			11-12-23	1703		3	X		X						GW								X					

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	11-13-24	0830			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Dyna Bledsoe	11/13/24	8:30

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 1.3 °C
Adjusted: 1.3 °C Factor: UC 1.3

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator:	OGRID:
PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	34053
	Action Number: 513728
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	OCD records indicate that an approved Stage 2 plan is not on file. Pursuant to 19.15.30 NMAC Plains must submit a Stage 2 Abatement plan no later than December 18, 2025, that meets all of the requirements of 19.15.30.13 NMAC.	10/10/2025
shanna.smith	Alternatively, if a Stage 2 Abatement Plan has been approved by OCD, provide a copy of the Stage 2 Abatement Plan by November 6, 2025, so OCD can update our Online records.	10/10/2025
shanna.smith	Continue monthly PSH abatement in conjunction with aggressive dissolved phase hydrocarbon impacted groundwater abatement.	10/10/2025
shanna.smith	Continue vacuum enhanced fluid recovery events to reduce the PSH thickness and benzene concentrations in MW-3A.	10/10/2025
shanna.smith	Continue quarterly monitoring and sampling of MW-1, MW-2, MW-3A (if applicable), MW-6 and MW-7. Yearly groundwater sample monitor wells MW-4 and MW-5.	10/10/2025
shanna.smith	PAH sample yearly in monitor wells MW-2 and MW-3A, when applicable.	10/10/2025
shanna.smith	An Annual Groundwater Monitor Report will be submitted by April 1, 2025.	10/10/2025