2021
ANNUAL MONITORING REPORT

MONUMENT 10
NE ¼ NE¼ Section 30, Township 19 South, Range 37 East
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM MONUMENT-10
NMOCD Reference Number 1R-0119
INCIDENT # nAPP2109536610

Review of 2021 ANNUAL MONITORING REPORT: **Content satisfactory**

Contractor anticipated actions approved by NMOCD and are as follows;
1. Continue quarterly monitoring and groundwater sampling in 2022
2. Continue manual product recovery and gauging on a monthly schedule
3. Complete sampling from MW-3A for PAH analysis when PSH is not observed in the well
4. Complete low-flow sampling of MNA parameters from MW-1, MW-2, MW-3A, MW-4, MW-6, and MW-7, during each quarterly sampling event.
5. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.

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INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2021 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 2021. For reference, the Site Location Map is provided as Figure 1. Cumulative tables and laboratory data are provided in this report.

Groundwater monitoring was conducted each quarter of 2021 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 containing a thickness of PSH greater than 0.01 foot were not sampled.

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 B. 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.

Seven (7) groundwater monitor wells (MW-1, MW-2, MW-3A, and MW-4 through MW-7) are currently on-site. 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.

FIELD ACTIVITIES

Product Recovery Efforts

During the 1st, 2nd, 3rd, and 4th quarters of the reporting period, monitor well MW-3A exhibited a measurable PSH thickness. During the 2nd quarter (April 14, 2021) of the reporting period monitor well MW-2 exhibited a PSH thickness of 0.06 feet. The average PSH thickness for monitor well MW-3A was 0.42 feet. A maximum PSH thickness of 1.15 feet was observed in monitor well MW-3A on November 1, 2021.

Approximately 7.70 gallons (approximately 0.18 barrels) of PSH were recovered from the Site during the reporting period. Approximately 3,033.77 gallons (approximately 72.23 barrels) of PSH have been recovered from this Site since the project inception. Measurable thicknesses of PSH are recorded in Table 1 and Figures 3A-3D.

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

The site monitor wells were gauged and sampled on February 8, May 18, August 16, and November 29, 2021. During each sampling event, monitor wells were purged of a minimum of three (3) well volumes of water or until the wells failed to produce water. Purging was conducted using a disposable polyethylene bailer for each well or electrical Proactive Mini-Monsoon pump and dedicated tubing. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Please note, during the 4th quarter of the reporting period, monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 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-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.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events conducted in 2021, are depicted on the Inferred Groundwater Gradient Map(s), Figures 2A-2D. Groundwater elevation data for 2021 is

provided as Table 1. Historical groundwater elevation data beginning at project inception is summarized in Table 4

The most recent Groundwater Gradient Map, Figure 2D, indicated a general gradient of 0.012 feet/foot to the southeast. This is consistent with data presented on Figures 2A through 2C from earlier in the year, which indicated a general gradient of 0.012 feet/foot to the southeast. The corrected groundwater elevations ranged between 3,604.99 and 3,609.59 feet above mean sea level, in monitor well MW-6 on February 8, 2021, March 3, 2021, and June 8, 2021, and monitor well MW-4 on October 11, 2021, respectively.

LABORATORY RESULTS

Groundwater samples obtained during all four (4) quarterly sampling events of 2021 were delivered to Permian Basin Environmental Laboratories, Inc. in Midland, Texas for determination BTEX constituent concentrations. Monitor well MW-3A was sampled for Polynuclear Aromatic Hydrocarbons (PAH) analysis using EPA Method 8270 during the 4th quarter of the reporting period. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above NMWQCC standards will be sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2021 is summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2021 polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 3 and historical polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 6. Copies of the laboratory reports generated for 2021 are provided in Appendix A. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory Reporting Limit (RL) during the 1st, 2nd, and 4th quarters to 0.00306 mg/L during the 3rd quarter of the reporting period. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 2nd and 4th quarters to 0.0175 mg/L during the 3rd quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd and 4th quarters to 0.0108 mg/L during the 3rd quarter of reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 4th quarters to 0.0802 mg/L during the 3rd quarter of reporting period. Xylene concentrations were below the NMOCD regulatory guidelines during 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 4th quarter were obtained using low -flow sampling techniques. The water quality parameters for monitor well MW-1 stabilized at a

pH of 7.14, a temperature of 19.74°C, Conductivity of 1.15 mhos/cm, ORP of -195 mV, DO of 0.00 mg/L, and turbidity of 29.3 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "Decreasing" in monitor well MW-1. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Probably Increasing" in monitor well MW-1. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-1. Analytical xylene data for the previous ten (10) years 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 during the 1st, 2nd, and 4th quarters to 0.00249 mg/L during the 3rd quarter of the reporting period. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00559 mg/L during the 3rd quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 1st and 4th quarters to 0.00286 mg/L during the 3rd quarter of reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.01726 mg/L during the 3rd quarter of reporting period. Xylene concentrations were below the NMOCD regulatory guidelines during 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 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-2 stabilized at a pH of 7.55, a temperature of 20.38°C, Conductivity of 0.706 mhos/cm, ORP of -219 mV, DO of 0.00 mg/L, and turbidity of 13.7 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "No Trend" in monitor well MW-2. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Probably Increasing" in monitor well MW-2. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-2. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" 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 monitored on a quarterly schedule. Monitor well MW-3A was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.10 feet, 0.09 feet, 0.38 feet, and 0.93 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively.

The analytical results indicated the benzene concentration was 0.00187 mg/L during the 4th quarter of 2021. The benzene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The toluene concentration was 0.00220 mg/L during the 4th quarter of 2021. The toluene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.00217 mg/L during the 4th quarter of 2021. The ethylbenzene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The xylene concentration was 0.00908 mg/L during the 4th quarter of 2021. The xylene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period.

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 4th quarter of the reporting period and groundwater samples were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-3A stabilized at a pH of 7.59, a temperature of 17.99°C, Conductivity of 0.772 mhos/cm, ORP of -200 mV, DO of 0.03 mg/L, and turbidity of 42.6 NTU.

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.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (<0.00012 mg/L), fluorene (0.0020 mg/L), phenanthrene (0.0015 mg/L), and naphthalene (0.0365 mg/L).

Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. Analytical benzene, toluene, ethylbenzene, and xylene data for the previous ten (10) years was entered into the GSI-MKT and due to the limited data set (one sample), no results were available.

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 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.

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 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-4 stabilized at a pH of 7.27, a temperature of 20.11°C, Conductivity of 0.841 mhos/cm, ORP of 157 mV, DO of 0.51 mg/L, and turbidity of 190 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "No Trend" in monitor well MW-4. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-4. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-4. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" 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 and analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling events. 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 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-6 stabilized at a pH of 7.52, a temperature of 21.10°C, Conductivity of 0.795 mhos/cm, ORP of 123 mV, DO of 1.91 mg/L, and turbidity of 17.7 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "No Trend" in monitor well MW-6. Analytical toluene data for the previous ten (10) years was

entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-6. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-6. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" 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 and analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling events. 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 water quality parameters for monitor well MW-7 stabilized at a pH of 7.64, a temperature of 20.60°C, Conductivity of 0.972 mhos/cm, ORP of 129 mV, DO of 0.00 mg/L, and turbidity of 19.9 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT), which indicated the Concentration Trend was "No Trend" in monitor well MW-7. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-7. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-7. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Increasing" 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 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 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 is typically light non-aqueous phase liquids (LNAPLs); therefore, the center of the concentric regions tends to be at the location of LNAPL. 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), pH, and dissolved oxygen (DO).

Dissolved-phase hydrocarbon plumes begin to spread out 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 and along the direction of groundwater flow, however due to higher viscosity, will travel more slowly than groundwater. For these reasons, the plume shape, COC concentrations, and biogeochemistry change with time.

To determine the morphology of each biodegradation region, six (6) monitor wells were sampled. 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.

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.

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 0.00187 mg/L for monitor well MW-3A. Please reference Table 7 for GSI-MKT benzene results.

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 0.00220 mg/L for monitor well MW-3A. Please reference Table 8 for GSI-MKT toluene results.
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 0.00217 mg/L for monitor well MW-3A. Please reference Table 9 for GSI-MKT ethylbenzene results.

The analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-6, MW-7 and MW-2 to 0.00908 mg/L for monitor well MW-3A. Please reference Table 10 for GSI-MKT xylene results.

The analytical results for concentrations of TOC ranged from 1.59 mg/L for monitor well MW-2, to 25.7 mg/L for monitor well MW-1. Please reference Table 11 for GSI-MKT TOC results.

The analytical results for concentrations of Dissolved Methane ranged from 0.00135 mg/L for monitor well MW-7 to 0.348 mg/L for monitor well MW-1. Please reference Table 12 for GSI-MKT Dissolved Methane results.

The analytical results for concentrations of Dissolved Ethane were less than the applicable laboratory RL for monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2. Please reference Table 13 for GSI-MKT Dissolved Ethane results.

The analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor well MW-4 to 0.00377 mg/L for monitor well MW-1. Please reference Table 14 for GSI-MKT Dissolved Ethene results.

The analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor well MW-4 to 2.91 mg/L for monitor well MW-3A. Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results.

The analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.0379 mg/L for monitor well MW-4 to 2.70 mg/L for monitor well MW-3A. Please reference Table 16 for GSI-MKT Dissolved Manganese (filtered) results.

The analytical results for concentrations of Nitrate ranged from less than applicable laboratory RL for monitor wells MW-1, MW-3A, and MW-6 to 1.99 mg/L for monitor well MW-4. Please reference Table 17 for GSI-MKT Nitrate results.

The analytical results for concentrations of Sulfate ranged from less than the applicable laboratory RL for monitor well MW-3A to 90.2 mg/L for monitor well MW-4. Please reference Table 18 for GSI-MKT Sulfate results.

The analytical results for concentrations of COD ranged from less than applicable laboratory RL for monitor well MW-2 to 69.0 mg/L for monitor well MW-1. Please reference Table 19 for GSI-MKT COD results.

SUMMARY

This report presents the results of monitoring activities for the 2021 annual monitoring period. Currently, there are seven (7) groundwater monitor wells located on the site. During the 1st, 2nd, and 3rd, quarters of the reporting period, monitor well MW-3A exhibited a measurable PSH thickness and was not sampled. During the 4th quarter of the reporting period PSH was observed in monitor well MW-3A and was removed to allow MNA activities to be conducted. The average PSH thickness for monitor well MW-3A was 0.42 feet. A maximum PSH thickness of 1.15 feet was observed in monitor well MW-3A on November 1, 2021.

Approximately 7.70 gallons (approximately 0.18 barrels) of PSH were recovered from the Site during the reporting period. Approximately 3,033.77 gallons (approximately 72.23 barrels) of PSH have been recovered from this Site since the project inception. Measurable thicknesses of PSH are

recorded in Table 1 and Figures 3A-3D. The most recent Groundwater Gradient Map, Figure 2D, indicated a general gradient of 0.012 feet/foot to the southeast.

Review of the 4th quarter laboratory analytical results of the groundwater samples obtained during the reporting period indicated BTEX constituent concentrations remain below the applicable NMOCD regulatory guidelines in all sampled monitor wells, including monitor well MW-3A.

ANTICIPATED ACTIONS

Quarterly monitoring and groundwater sampling will continue in 2022. Manual product recovery and gauging will be conducted on a monthly schedule and will be adjusted according to site conditions.

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

Low-flow sampling of MNA parameters will be conducted on monitor wells MW-4, MW-1, MW-3A, MW-6, MW-7, and MW-2 during each quarterly sampling event. Unforeseen circumstances may require modification of this sampling event.

An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2023.

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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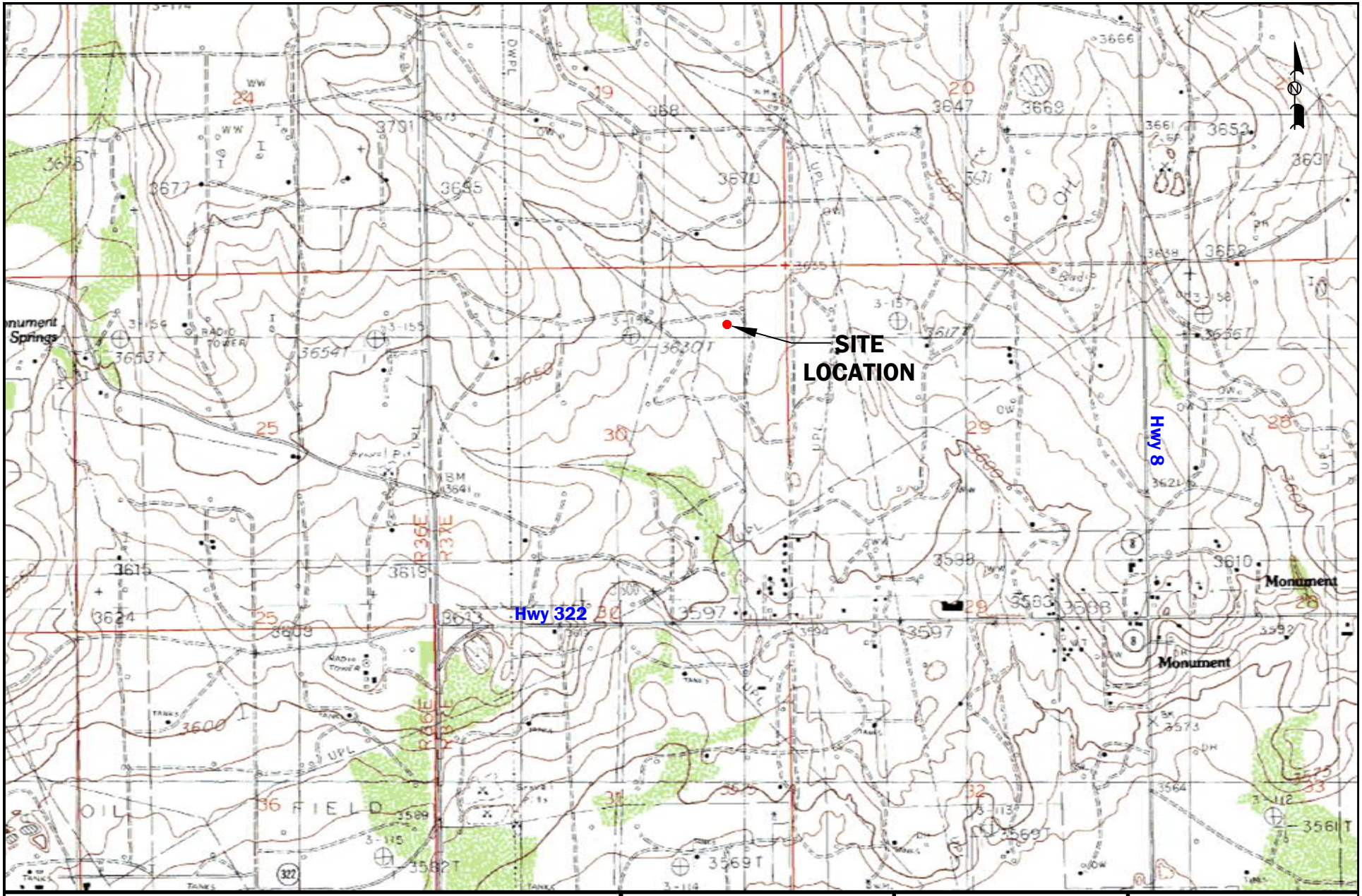
Houston, TX 77002
jpdann@paalp.com

Copy 5: TRC Environmental Corporation.
10 Desta Drive, Suite 130E
Midland, TX 79705
cdstanley@trccompanies.com

FIGURES



LEGEND:

2000 1000 0 1000 2000

Distance in Feet

Figure 1
Site Location Map
Plains Marketing, L.P.
Monument 10
NMOCD Reference # 1RP-0119
Lea County, NM

Scale: 1" = 2000'	
CAD By: TA	Checked By: CS
Draft: October 20, 2020	
Lat. N 32.636147° , Long. W 103.284488°	
NE1/4 NE1/4 Sec 30 T19S R37E	
TRC Proj. No.: 014170	

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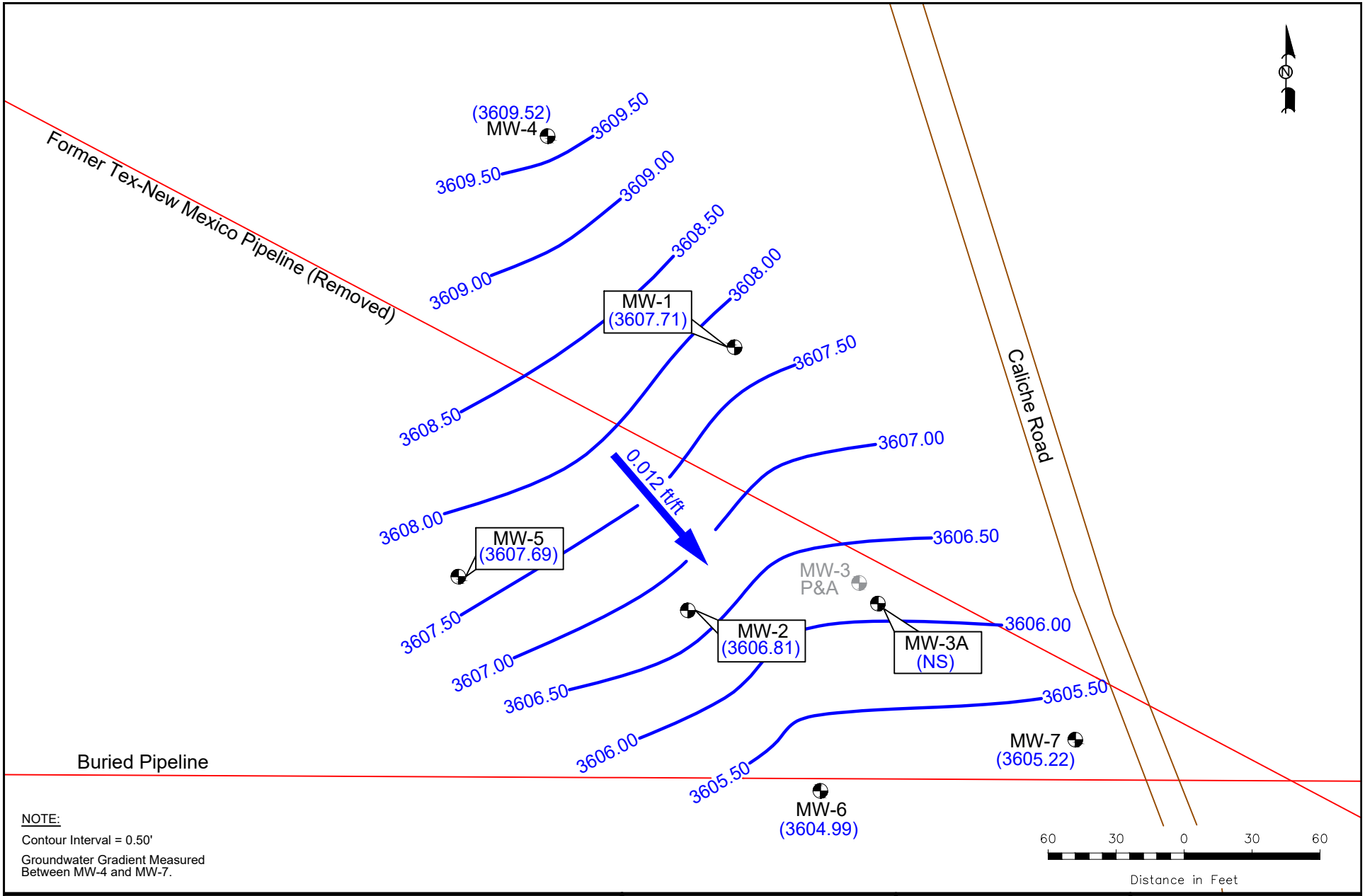
432.520.7720



NOTE:

Contour Interval = 0.50'

Groundwater Gradient Measured Between MW-4 and MW-7.

LEGEND:

- Monitor Well Location
- Pipeline
- Groundwater Elevation Contour Line
- (3606.94) Groundwater Elevation (feet)
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (NS) Not Surveyed

Figure 2A
Inferred Groundwater Gradient Map
(2/8/2021)
Plains Marketing, L.P.
Monument 10
NMOCD Reference # 1RP-0119
Lea County, NM

Scale: 1" = 60'	
CAD By: CS	Checked By: CS
Draft: April 26, 2021	
Lat. N 32.636147° , Long. W 103.284488°	
NE1/4 NE1/4 Sec 30 T19S R37E	
TRC Proj. No.: 014170	

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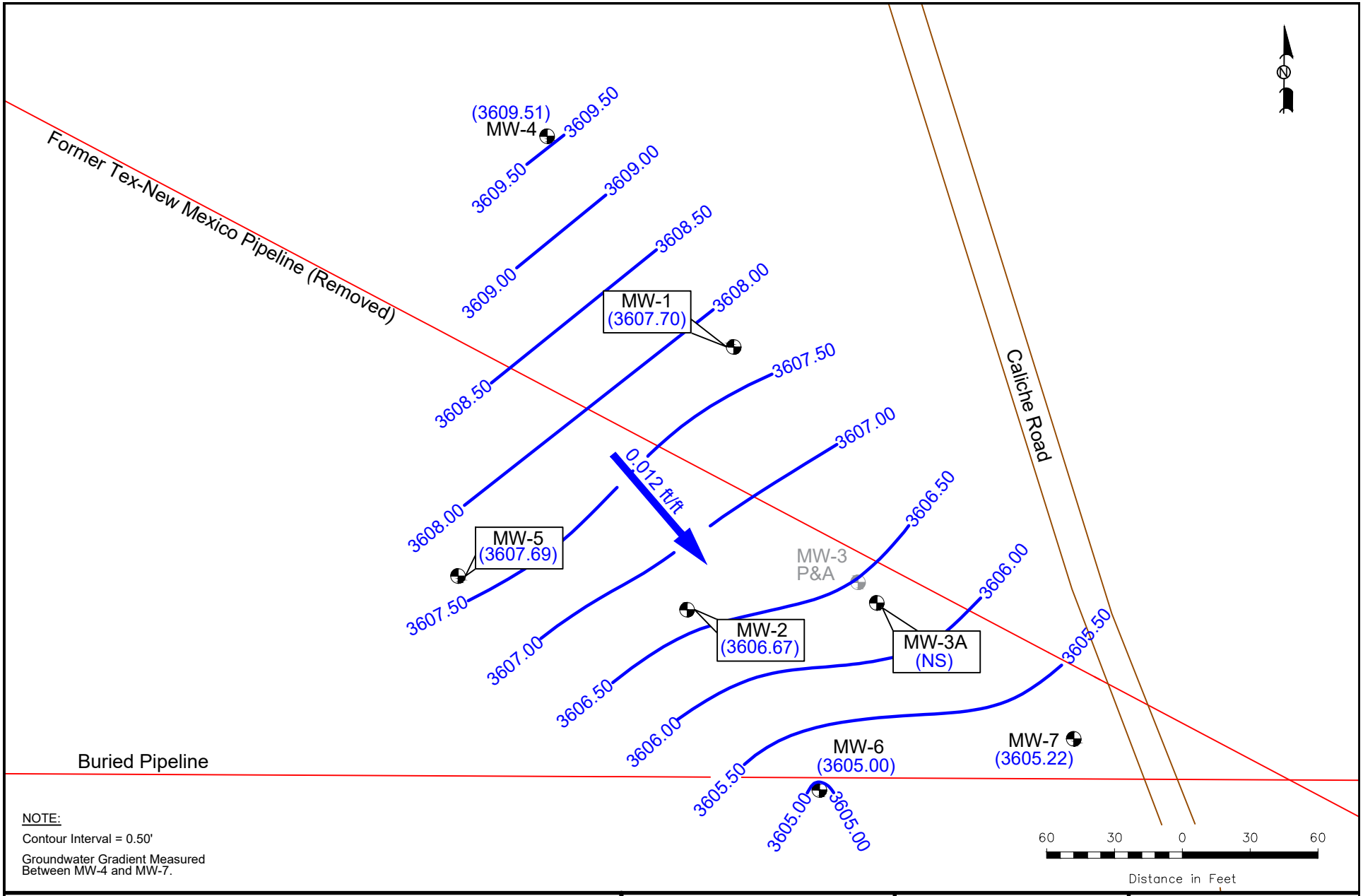

NOTE:

Contour Interval = 0.50'

Groundwater Gradient Measured Between MW-4 and MW-7.

LEGEND:

- Monitor Well Location
- Pipeline
- Groundwater Elevation Contour Line
- (3606.94) Groundwater Elevation (feet)
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (NS) Not Surveyed

Figure 2B
Inferred Groundwater Gradient Map
(5/18/2021)
Plains Marketing, L.P.
Monument 10
NMOCD Reference # 1RP-0119
Lea County, NM

Scale: 1" = 60'	
CAD By: CS	Checked By: CS
Draft: May 21, 2021	
Lat. N 32.636147° , Long. W 103.284488°	
NE1/4 NE1/4 Sec 30 T19S R37E	
TRC Proj. No.: 014170	

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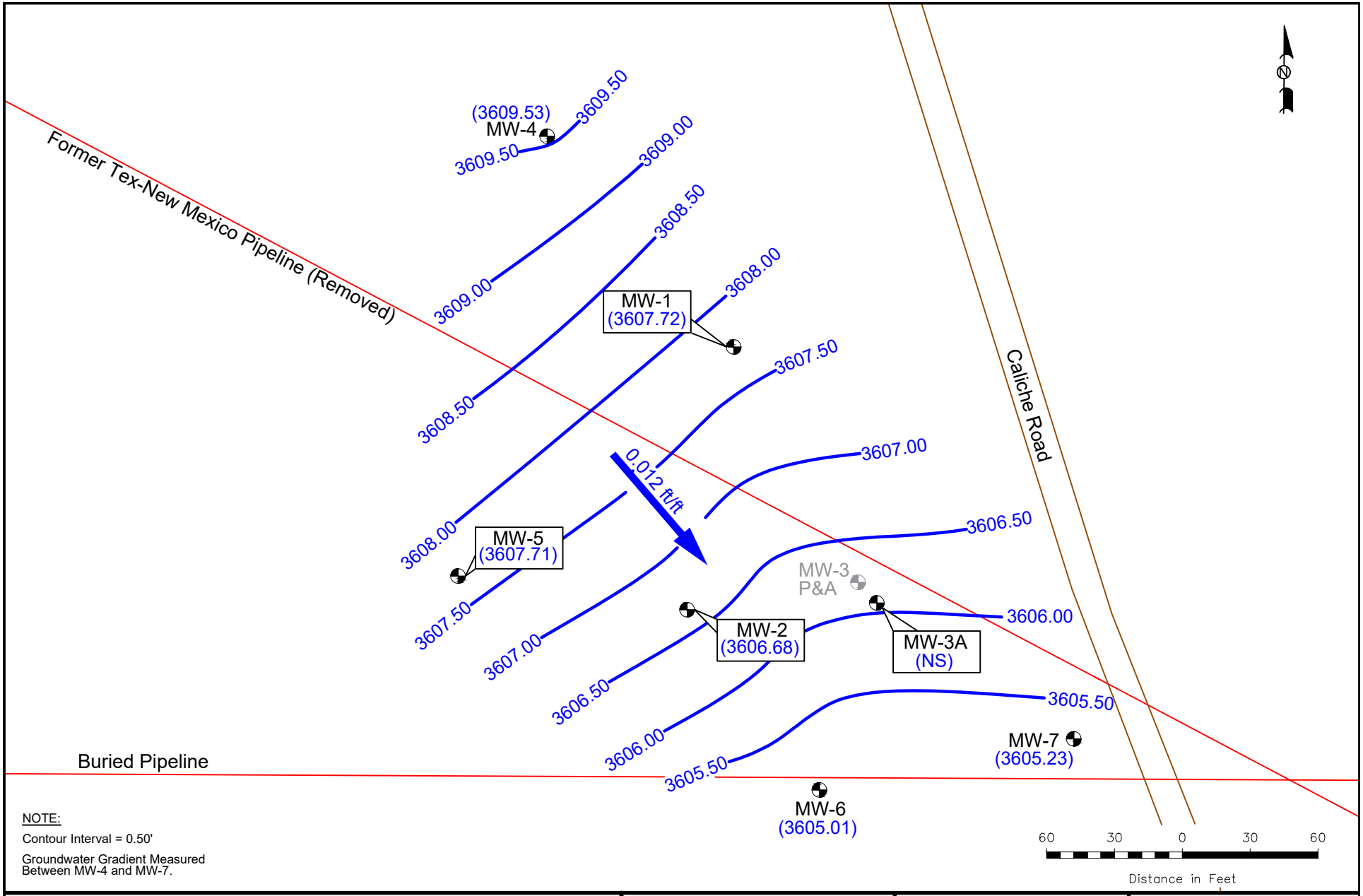

NOTE:

Contour Interval = 0.50'

Groundwater Gradient Measured Between MW-4 and MW-7.

LEGEND:

- Monitor Well Location
- Pipeline
- Groundwater Elevation Contour Line
- (3606.94) Groundwater Elevation (feet)
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (NS) Not Surveyed

Figure 2C
Inferred Groundwater Gradient Map
(8/16/2021)
Plains Marketing, L.P.
Monument 10
NMOCD Reference # 1RP-0119
Lea County, NM

Scale: 1" = 60'	
CAD By: CS	Checked By: CS
Draft: September 21, 2021	
Lat. N 32.636147° , Long. W 103.284488°	
NE1/4 NE1/4 Sec 30 T19S R37E	
TRC Proj. No.: 014170	

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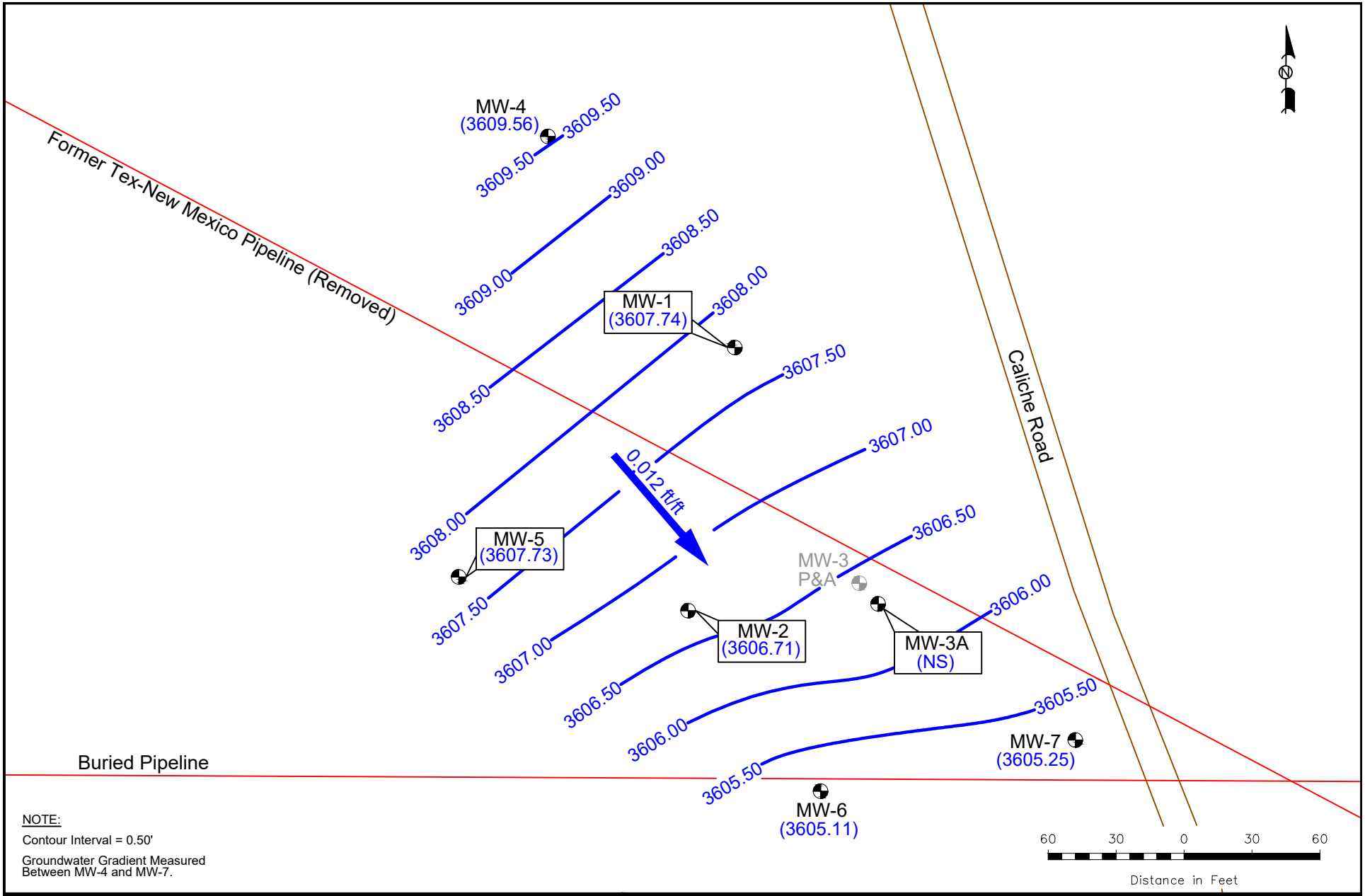

NOTE:

Contour Interval = 0.50'

Groundwater Gradient Measured Between MW-4 and MW-7.

LEGEND:

- Monitor Well Location
- Pipeline
- Groundwater Elevation Contour Line
- (3606.94) Groundwater Elevation (feet)
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (NS) Not Surveyed

Figure 2D
Inferred Groundwater Gradient Map
(11/29/2021)
Plains Marketing, L.P.
Monument 10
NMOCD Reference # 1RP-0119
Lea County, NM

Scale: 1" = 60'	
CAD By: CS	Checked By: CS
Draft: November 30, 2021	
Lat. N 32.636147° , Long. W 103.284488°	
NE1/4 NE1/4 Sec 30 T19S R37E	
TRC Proj. No.: 014170	

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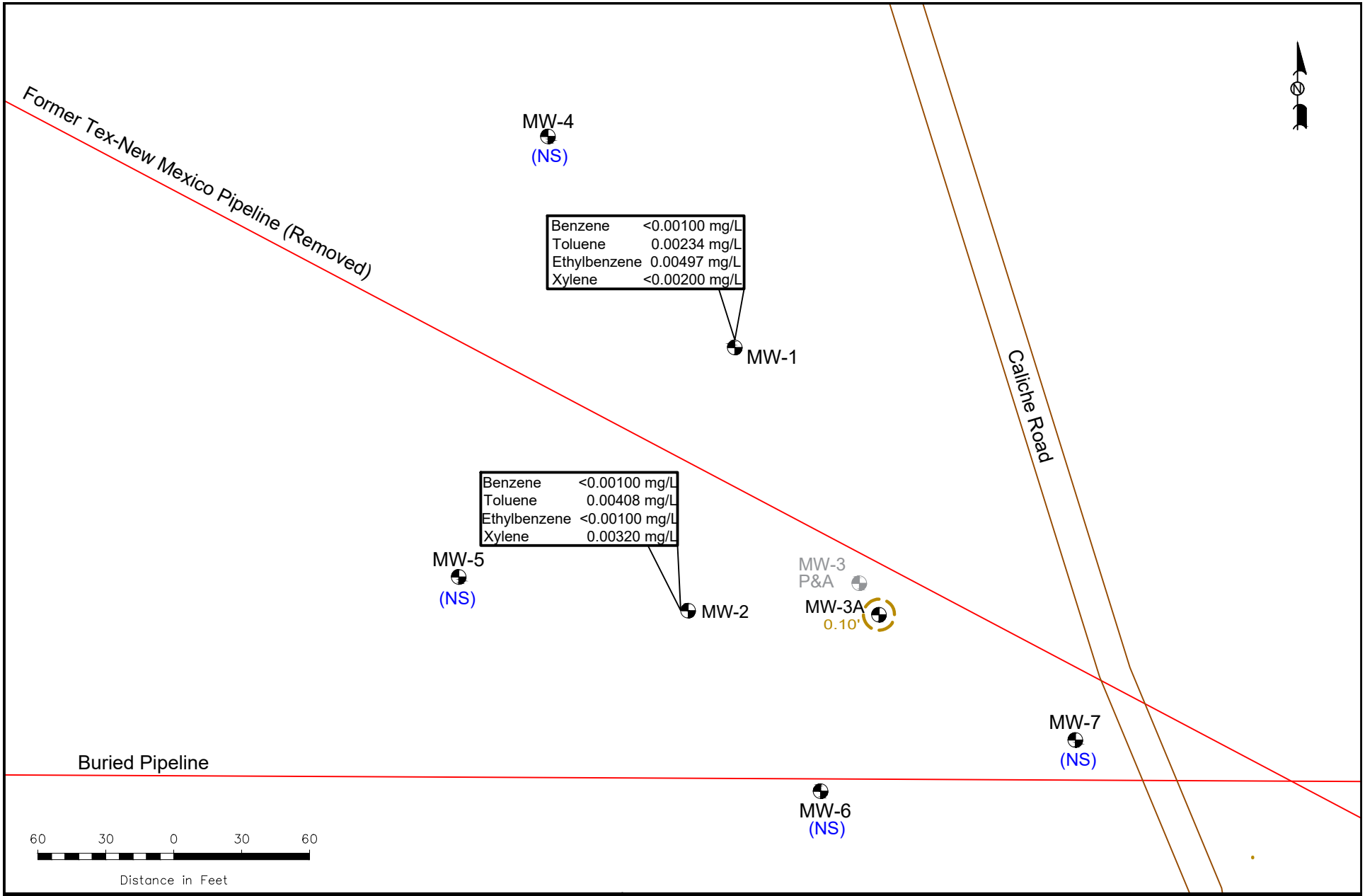

LEGEND:

- Monitor Well Location
- Pipeline
- Inferred Extent of PSH
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)
- 3.48' PSH Thickness (feet)

Figure 3A
Groundwater Concentration and Inferred PSH Extents Map
(2/8/2021)
Plains Marketing, L.P.
Monument 10
NMOCD Reference # 1RP-0119
Lea County, NM

Scale: 1" = 60'	
CAD By: CS	Checked By: CS
Draft: February 26, 2021	
Lat. N 32.636147° , Long. W 103.284488°	
SE1/4 NE1/4 Sec 30 T19S R37E	
TRC Proj. No.: 014170	

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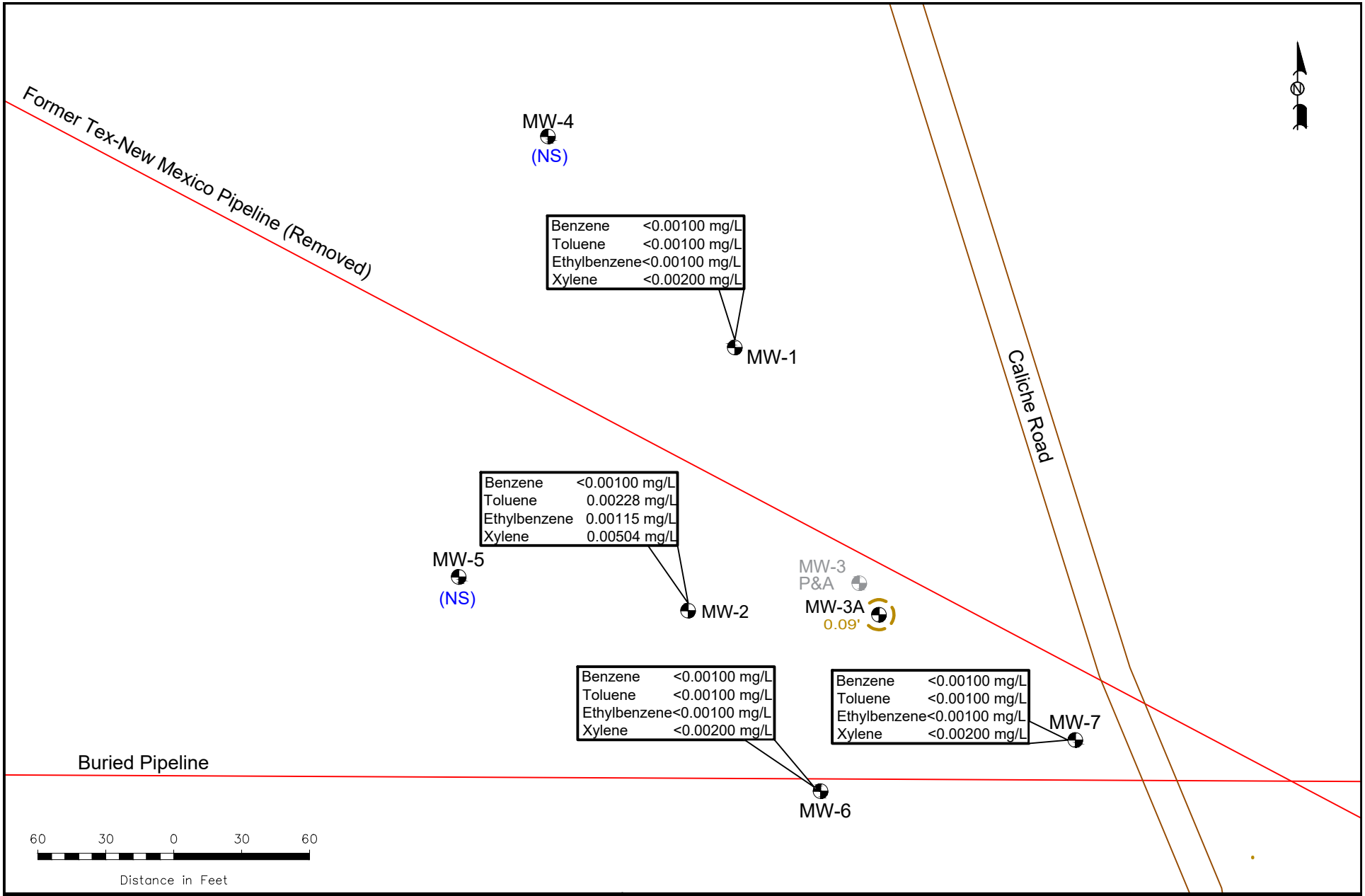

LEGEND:

- Monitor Well Location
- Pipeline
- Inferred Extent of PSH
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)
- 3.48' PSH Thickness (feet)

Figure 3B
Groundwater Concentration and Inferred PSH Extents Map
(5/18/2021)
Plains Marketing, L.P.
Monument 10
NMOCD Reference # 1RP-0119
Lea County, NM

Scale: 1" = 60'	
CAD By: CS	Checked By: CS
Draft: June 4, 2021	
Lat. N 32.636147° , Long. W 103.284488°	
SE1/4 NE1/4 Sec 30 T19S R37E	
TRC Proj. No.: 014170	

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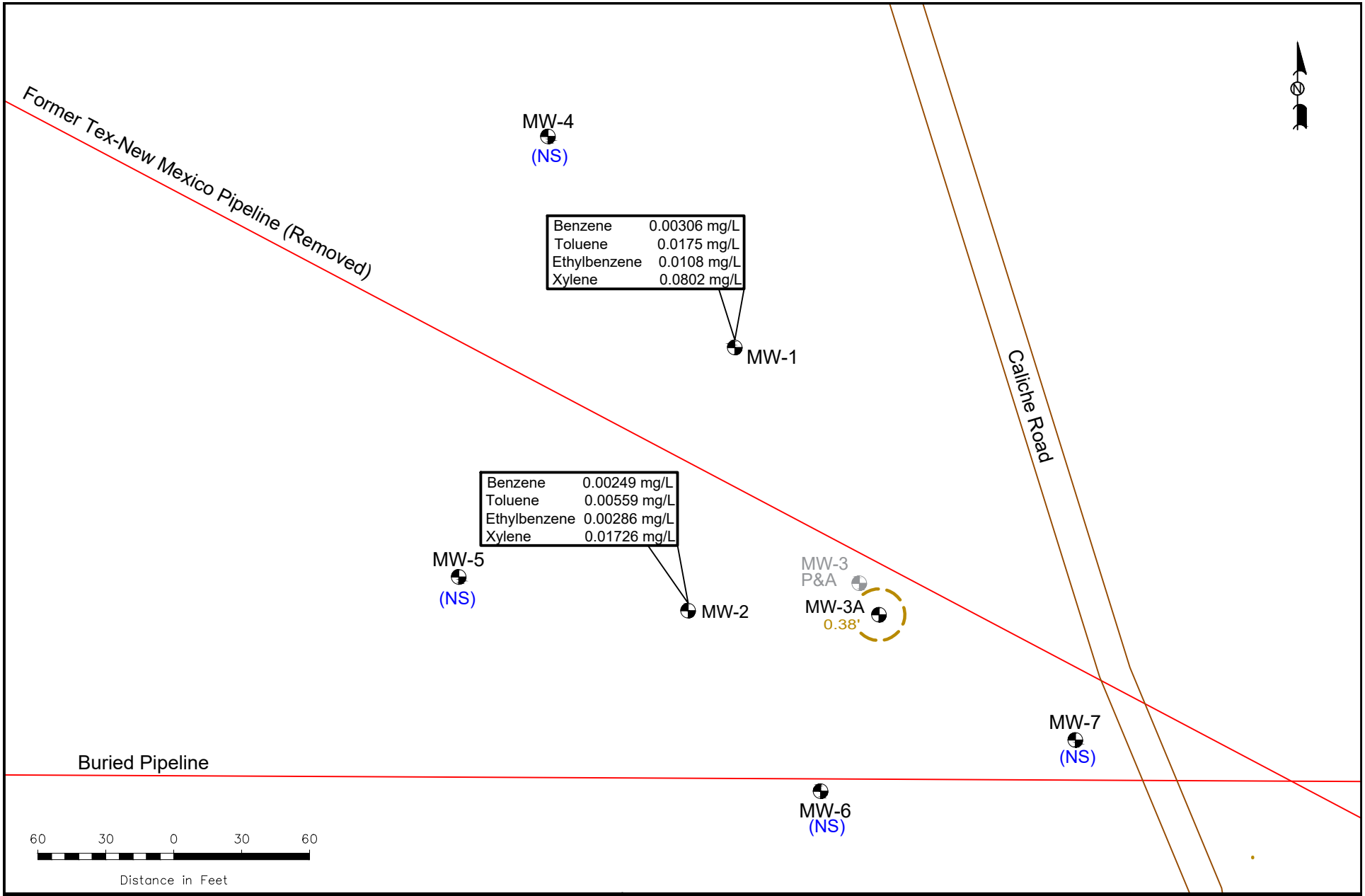

LEGEND:

- Monitor Well Location
- Pipeline
- Inferred Extent of PSH
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)
- 3.48' PSH Thickness (feet)

Figure 3C
Groundwater Concentration and Inferred PSH Extents Map
(8/16/2021)
Plains Marketing, L.P.
Monument 10
NMOCD Reference # 1RP-0119
Lea County, NM

Scale: 1" = 60'	
CAD By: CS	Checked By: CS
Draft: September 3, 2021	
Lat. N 32.636147° , Long. W 103.284488°	
SE1/4 NE1/4 Sec 30 T19S R37E	
TRC Proj. No.: 014170	

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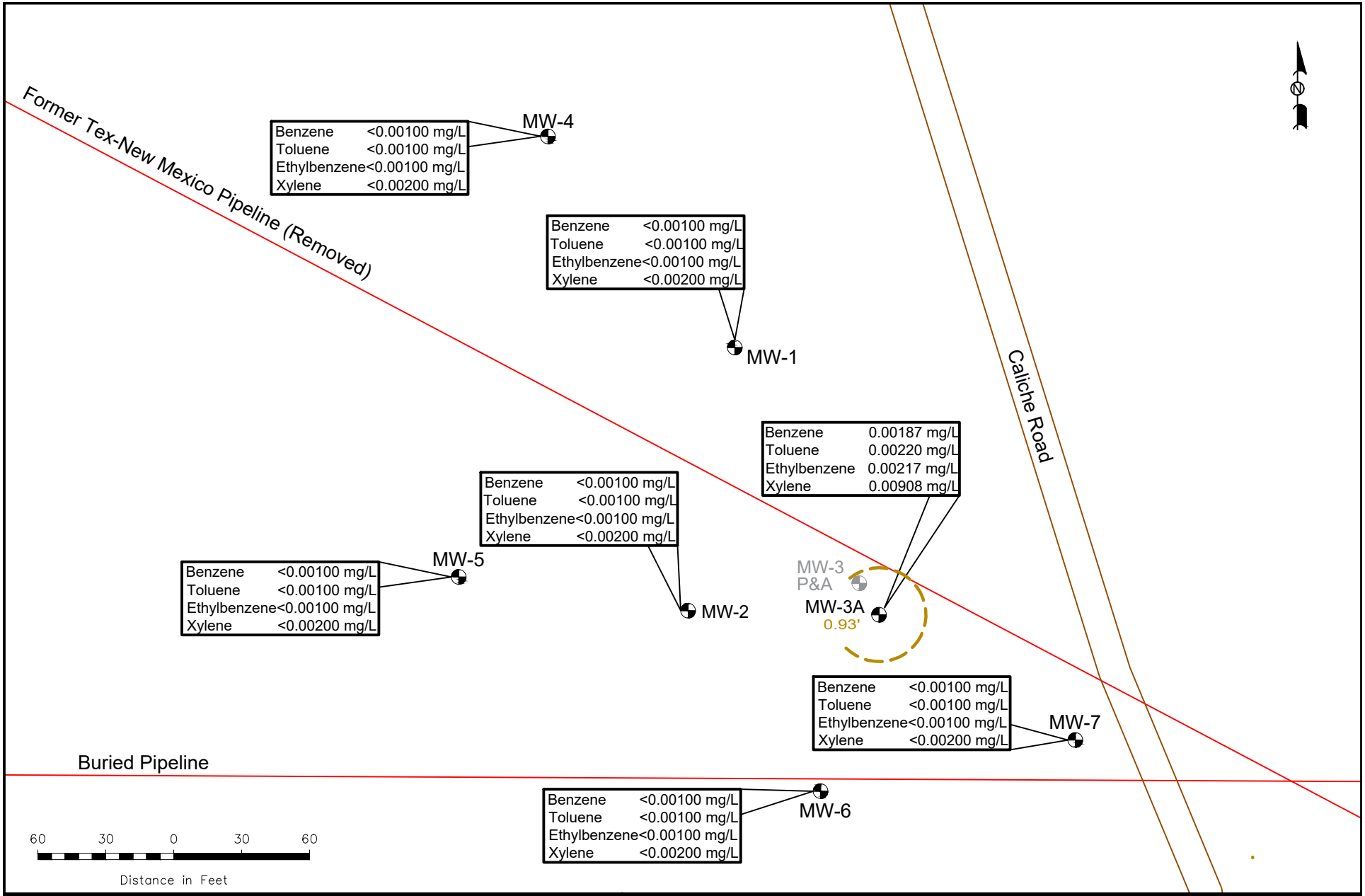
432.520.7720



LEGEND:

- Monitor Well Location
- Pipeline
- Inferred Extent of PSH
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)
- 3.48' PSH Thickness (feet)

Figure 3D
Groundwater Concentration and Inferred PSH Extents Map
(11/29/2021)
Plains Marketing, L.P.
Monument 10
NMOCD Reference # 1RP-0119
Lea County, NM

Scale: 1" = 60'	
CAD By: CS	Checked By: CS
Draft: December 27, 2021	
Lat. N 32.636147° , Long. W 103.284488°	
SE1/4 NE1/4 Sec 30 T19S R37E	
TRC Proj. No.: 014170	

TRC
10 Desta Drive, Suite 130E
Midland, Texas 79705
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TABLES

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 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 - 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	-

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 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 - 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 - 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

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 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

TABLE 2

2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 1	02/08/21	<0.00100	0.00234	0.00497	<0.00200	
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 - 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 - 3A	02/08/21	Not sampled Due to PSH in Well				
MW - 3A	05/18/21	Not sampled Due to PSH in Well				
MW - 3A	08/16/21	Not sampled Due to PSH in Well				
MW - 3A	11/29/21	0.00187	0.00220	0.00217	0.00908	
MW - 4	02/08/21	Not Sampled on Current Sample Schedule				
MW - 4	05/18/21	Not Sampled on Current Sample Schedule				
MW - 4	08/16/21	Not Sampled on Current Sample Schedule				
MW - 4	11/29/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	02/08/21	Not Sampled on Current Sample Schedule				
MW - 5	05/18/21	Not Sampled on Current Sample Schedule				
MW - 5	08/16/21	Not Sampled on Current Sample Schedule				
MW - 5	11/29/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	02/08/21	Not Sampled on Current Sample Schedule				
MW - 6	05/18/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	08/16/21	Not Sampled on Current Sample Schedule				
MW - 6	11/29/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	02/08/21	Not Sampled on Current Sample Schedule				
MW - 7	05/18/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	08/16/21	Not Sampled on Current Sample Schedule				
MW - 7	11/29/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 3

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0119

All water concentrations are reported in mg/L

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	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		
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-4	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/02/97	3,629.59	-	21.64	0.00	3607.95
MW - 1	08/15/97	3,629.59	-	21.66	0.00	3607.93
MW - 1	10/23/97	3,629.59	-	21.57	0.00	3608.02
MW - 1	11/01/97	3,629.59	-	21.60	0.00	3607.99
MW - 1	12/03/97	3,629.59	-	21.60	0.00	3607.99
MW - 1	01/02/98	3,629.59	-	21.57	0.00	3608.02
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	11/29/21	3,629.33	-	21.59	0.00	3,607.74
MW - 2	05/02/97	3,629.66	-	25.52	3.42	3,604.14
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	05/15/08	3,629.43	22.28	24.21	1.93	3,606.86
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
MW - 3	08/25/07	3,628.90	21.96	25.14	3.18	3,606.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	10/31/14	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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	02/15/17	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
MW - 3	04/10/17	3,628.90	22.26	23.23	0.97	3,606.49
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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	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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 P&A 9/2/20----MW-3A Drilled 9/2/20						
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	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 - 5	03/06/00	3,629.36	-	21.61	0.00	3,607.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 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

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	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	09/26/18	3,629.17	-	24.15	0.00	3,605.02
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

*Well damaged, not gauged or sampled this event.
**Denotes change in TOC elevation due to wellhead repairs.

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 1	05/02/97	ND	ND	ND	ND	
MW - 1	08/15/97	0.0020	ND	ND	ND	
MW - 1	11/01/97	0.0080	ND	0.002	0.0070	
MW - 1	02/19/98	0.0090	ND	ND	0.0030	
MW - 1	01/23/99	0.0100	<0.001	<0.001	<0.002	<0.001
MW - 1	05/20/99	0.0080	<0.001	<0.001	<0.002	<0.001
MW - 1	09/07/99	0.0030	0.0020	<0.001	0.0010	0.002
MW - 1	12/10/99	0.0020	0.0010	<0.001	0.0010	<0.001
MW - 1	03/06/00	<0.001	0.0020	<0.001	0.0010	<0.001
MW - 1	05/16/00	<0.001	0.0020	0.001	<0.001	<0.001
MW - 1	08/31/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	03/07/01	<0.001	<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	<0.001
MW - 1	10/12/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/13/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/13/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	08/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	12/15/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	03/04/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	08/31/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	12/10/04	**0.0126**	<0.005	0.008	0.0320	
MW - 1	03/14/05	Not Sampled on Current Sample Schedule				
MW - 1	06/13/05	Not Sampled on Current Sample Schedule				
MW - 1	09/12/05	Not Sampled on Current Sample Schedule				
MW - 1	12/06/05	<0.005	<0.005	<0.005	<0.005	
MW - 1	03/10/06	Not Sampled on Current Sample Schedule				
MW - 1	06/09/06	Not Sampled on Current Sample Schedule				
MW - 1	09/12/06	Not Sampled on Current Sample Schedule				
MW - 1	11/28/06	<0.001	<0.001	0.0031	0.0341	
MW - 1	02/22/07	Not Sampled on Current Sample Schedule				
MW - 1	05/17/07	Not Sampled on Current Sample Schedule				
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 1	02/26/08	Not Sampled on Current Sample Schedule				
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	Not Sampled on Current Sample Schedule				
MW - 1	08/15/09	Not Sampled on Current Sample Schedule				
MW - 1	11/06/09	0.0035	<0.001	<0.001	<0.001	
MW - 1	02/05/10	Not Sampled on Current Sample Schedule				
MW - 1	05/03/10	Not Sampled on Current Sample Schedule				
MW - 1	08/02/10	Not Sampled on Current Sample Schedule				
MW - 1	11/01/10	Not sampled Due to PSH in Well				
MW - 1	02/07/11	Not sampled Due to PSH in Well				
MW - 1	05/10/11	Not sampled Due to PSH in Well				
MW - 1	08/08/11	Not sampled Due to PSH in Well				
MW - 1	11/10/11	Not sampled Due to PSH in Well				
MW - 1	02/16/12	Not Sampled on Current Sample Schedule				
MW - 1	05/12/12	Not Sampled on Current Sample Schedule				
MW - 1	08/01/12	Not Sampled on Current Sample Schedule				
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
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	
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 - 2	03/14/05	Not sampled Due to PSH in Well				
MW - 2	06/13/05	Not sampled Due to PSH in Well				
MW - 2	09/12/05	Not sampled Due to PSH in Well				
MW - 2	12/06/05	Not sampled Due to PSH in Well				
MW - 2	03/10/06	Not sampled Due to PSH in Well				
MW - 2	06/09/06	Not sampled Due to PSH in Well				
MW - 2	09/12/06	Not sampled Due to PSH in Well				
MW - 2	11/28/06	Not sampled Due to PSH in Well				
MW - 2	02/22/07	Not sampled Due to PSH in Well				
MW - 2	05/17/07	Not sampled Due to PSH in Well				
MW - 2	08/21/07	Not sampled Due to PSH in Well				
MW - 2	11/26/07	Not sampled Due to PSH in Well				
MW - 2	02/26/08	Not sampled Due to PSH in Well				
MW - 2	05/26/08	Not sampled Due to PSH in Well				
MW - 2	08/28/08	Not sampled Due to PSH in Well				
MW - 2	11/19/08	**0.5710**	0.4380	0.044	0.2110	
MW - 2	02/13/09	Not sampled Due to PSH in Well				
MW - 2	05/20/09	Not sampled Due to PSH in Well				
MW - 2	08/15/09	Not sampled Due to PSH in Well				
MW - 2	11/06/09	**0.0201**	<0.02	<0.02	0.0584	
MW - 2	02/05/10	Not sampled Due to PSH in Well				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 2	05/03/10	Not sampled Due to PSH in Well				
MW - 2	08/02/10	Not sampled Due to PSH in Well				
MW - 2	11/01/10	Not sampled Due to PSH in Well				
MW - 2	02/07/11	Not sampled Due to PSH in Well				
MW - 2	05/10/11	Not sampled Due to PSH in Well				
MW - 2	08/08/11	Not sampled Due to PSH in Well				
MW - 2	11/10/11	Not sampled Due to PSH in Well				
MW - 2	02/16/12	Not sampled Due to PSH in Well				
MW - 2	05/12/12	Not sampled Due to PSH in Well				
MW - 2	08/01/12	Not sampled Due to PSH in Well				
MW - 2	11/06/12	Not sampled Due to PSH in Well				
MW - 2	02/05/13	Not sampled Due to PSH in Well				
MW - 2	05/09/13	Not sampled Due to PSH in Well				
MW - 2	08/01/13	Not sampled Due to PSH in Well				
MW - 2	11/07/13	Not sampled Due to PSH in Well				
MW - 2	02/17/14	Not sampled Due to PSH in Well				
MW - 2	05/07/14	Not sampled Due to PSH in Well				
MW - 2	08/26/14	Not sampled Due to PSH in Well				
MW - 2	11/12/14	Not sampled Due to PSH in Well				
MW - 2	02/25/15	Not sampled Due to PSH in Well				
MW - 2	05/19/15	Not sampled Due to PSH in Well				
MW - 2	08/06/15	Not sampled Due to PSH in Well				
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		**0.01**	**0.75**	**0.75**	**0.62**	
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 - 3	03/14/05	Not sampled Due to PSH in Well				
MW - 3	06/13/05	Not sampled Due to PSH in Well				
MW - 3	09/12/05	Not sampled Due to PSH in Well				
MW - 3	12/06/05	Not sampled Due to PSH in Well				
MW - 3	03/10/06	Not sampled Due to PSH in Well				
MW - 3	06/09/06	Not sampled Due to PSH in Well				
MW - 3	09/12/06	Not sampled Due to PSH in Well				
MW - 3	11/28/06	Not sampled Due to PSH in Well				
MW - 3	02/22/07	Not sampled Due to PSH in Well				
MW - 3	05/17/07	Not sampled Due to PSH in Well				
MW - 3	08/21/07	Not sampled Due to PSH in Well				
MW - 3	11/26/07	Not sampled Due to PSH in Well				
MW - 3	02/26/08	Not sampled Due to PSH in Well				
MW - 3	05/26/08	Not sampled Due to PSH in Well				
MW - 3	08/28/08	Not sampled Due to PSH in Well				
MW - 3	11/19/08	**2.4100**	**1.7400**	0.215	**0.6940**	
MW - 3	02/13/09	Not sampled Due to PSH in Well				
MW - 3	05/20/09	Not sampled Due to PSH in Well				
MW - 3	08/15/09	Not sampled Due to PSH in Well				
MW - 3	11/06/09	**0.0594**	<0.05	<0.05	0.0604	
MW - 3	02/05/10	Not sampled Due to PSH in Well				
MW - 3	05/03/10	Not sampled Due to PSH in Well				
MW - 3	08/02/10	Not sampled Due to PSH in Well				
MW - 3	11/01/10	Not sampled Due to PSH in Well				
MW - 3	02/07/11	Not sampled Due to PSH in Well				
MW - 3	05/10/11	Not sampled Due to PSH in Well				
MW - 3	08/08/11	Not sampled Due to PSH in Well				
MW - 3	11/10/11	Not sampled Due to PSH in Well				
MW - 3	02/16/12	Not sampled Due to PSH in Well				
MW - 3	05/12/12	Not sampled Due to PSH in Well				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 3	08/01/12	Not sampled Due to PSH in Well				
MW - 3	11/06/12	Not sampled Due to PSH in Well				
MW - 3	02/05/13	Not sampled Due to PSH in Well				
MW - 3	05/09/13	Not sampled Due to PSH in Well				
MW - 3	08/01/13	Not sampled Due to PSH in Well				
MW - 3	11/07/13	Not sampled Due to PSH in Well				
MW - 3	02/17/14	Not sampled Due to PSH in Well				
MW - 3	05/07/14	Not sampled Due to PSH in Well				
MW - 3	08/26/14	Not sampled Due to PSH in Well				
MW - 3	11/12/14	Not sampled Due to PSH in Well				
MW - 3	02/25/15	Not sampled Due to PSH in Well				
MW - 3	05/19/15	Not sampled Due to PSH in Well				
MW - 3	08/06/15	Not sampled Due to PSH in Well				
MW - 3	02/08/16	Not sampled Due to PSH in Well				
MW - 3	05/12/16	Not sampled Due to PSH in Well				
MW - 3	08/11/16	Not sampled Due to PSH in Well				
MW - 3	11/10/16	Not sampled Due to PSH in Well				
MW - 3	02/15/17	Not sampled Due to PSH in Well				
MW - 3	05/08/17	Not sampled Due to PSH in Well				
MW - 3	08/16/17	Not sampled Due to PSH in Well				
MW - 3	11/01/17	Not sampled Due to PSH in Well				
MW - 3	02/19/18	Not sampled Due to PSH in Well				
MW - 3	05/02/18	Not sampled Due to PSH in Well				
MW - 3	08/14/18	Not sampled Due to PSH in Well				
MW - 3	11/14/18	Not sampled Due to PSH in Well				
MW - 3	02/11/19	Not sampled Due to PSH in Well				
MW - 3	05/07/19	Not sampled Due to PSH in Well				
MW - 3	08/19/19	Not sampled Due to PSH in Well				
MW - 3	11/18/19	Not sampled Due to PSH in Well				
MW - 3	02/12/20	Not sampled Due to PSH in Well				
MW - 3	06/04/20	Not sampled Due to PSH in Well				
MW - 3	08/17/20	Not sampled Due to PSH in Well				
MW - 3A	11/18/20	0.00301	0.00151	<0.00100	<0.00200	
MW - 3A	02/08/21	Not sampled Due to PSH in Well				
MW - 3A	05/18/21	Not sampled Due to PSH in Well				
MW - 3A	08/16/21	Not sampled Due to PSH in Well				
MW - 3A	11/29/21	0.00187	0.00220	0.00217	0.00908	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 4	02/19/98	ND	ND	ND	ND	
MW - 4	01/23/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	05/20/99	<0.001	<0.001	<0.002	<0.001	<0.002
MW - 4	09/07/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	12/10/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	03/06/00	<0.001	<0.001	<0.001	0.0010	<0.001
MW - 4	05/16/00	<0.001	0.0020	0.001	0.0010	<0.001
MW - 4	08/31/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	03/07/01	<0.001	<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	<0.001
MW - 4	10/12/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	02/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	05/13/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	11/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	05/13/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	08/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	12/15/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	03/04/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	12/10/04	<0.001	<0.001	<0.001	<0.001	
MW - 4	03/14/05	Not Sampled on Current Sample Schedule				
MW - 4	06/13/05	Not Sampled on Current Sample Schedule				
MW - 4	09/12/05	Not Sampled on Current Sample Schedule				
MW - 4	12/06/05	<0.001	<0.001	<0.001	<0.001	
MW - 4	03/10/06	Not Sampled on Current Sample Schedule				
MW - 4	06/09/06	Not Sampled on Current Sample Schedule				
MW - 4	09/12/06	Not Sampled on Current Sample Schedule				
MW - 4	11/28/06	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/22/07	Not Sampled on Current Sample Schedule				
MW - 4	05/17/07	Not Sampled on Current Sample Schedule				
MW - 4	08/21/07	Not Sampled on Current Sample Schedule				
MW - 4	11/26/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/26/08	Not Sampled on Current Sample Schedule				
MW - 4	05/26/08	Not Sampled on Current Sample Schedule				
MW - 4	08/28/08	Not Sampled on Current Sample Schedule				
MW - 4	11/19/08	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 4	02/13/09	Not Sampled on Current Sample Schedule				
MW - 4	05/20/09	Not Sampled on Current Sample Schedule				
MW - 4	08/15/09	Not Sampled on Current Sample Schedule				
MW - 4	11/06/09	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/05/10	Not Sampled on Current Sample Schedule				
MW - 4	05/03/10	Not Sampled on Current Sample Schedule				
MW - 4	08/02/10	Not Sampled on Current Sample Schedule				
MW - 4	11/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/07/11	Not Sampled on Current Sample Schedule				
MW - 4	05/10/11	Not Sampled on Current Sample Schedule				
MW - 4	08/08/11	Not Sampled on Current Sample Schedule				
MW - 4	11/10/11	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/16/12	Not Sampled on Current Sample Schedule				
MW - 4	05/12/12	Not Sampled on Current Sample Schedule				
MW - 4	08/01/12	Not Sampled on Current Sample Schedule				
MW - 4	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/05/13	Not Sampled on Current Sample Schedule				
MW - 4	05/09/13	Not Sampled on Current Sample Schedule				
MW - 4	08/01/13	Not Sampled on Current Sample Schedule				
MW - 4	11/07/13	<0.001	<0.001	<0.001	<0.00300	
MW - 4	02/17/14	Not Sampled on Current Sample Schedule				
MW - 4	05/07/14	Not Sampled on Current Sample Schedule				
MW - 4	08/26/14	Not Sampled on Current Sample Schedule				
MW - 4	11/12/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/25/15	Not Sampled on Current Sample Schedule				
MW - 4	05/19/15	Not Sampled on Current Sample Schedule				
MW - 4	08/06/15	Not Sampled on Current Sample Schedule				
MW - 4	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/08/16	Not Sampled on Current Sample Schedule				
MW - 4	05/12/16	Not Sampled on Current Sample Schedule				
MW - 4	08/11/16	Not Sampled on Current Sample Schedule				
MW - 4	11/10/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/15/17	Not Sampled on Current Sample Schedule				
MW - 4	05/08/17	Not Sampled on Current Sample Schedule				
MW - 4	08/16/17	Not Sampled on Current Sample Schedule				
MW - 4	11/01/17	<0.00200	<0.00200	<0.00200	<0.002	
MW - 4	02/19/18	Not Sampled on Current Sample Schedule				
MW - 4	05/02/18	Not Sampled on Current Sample Schedule				
MW - 4	08/14/18	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 4	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 4	02/11/19	Not Sampled on Current Sample Schedule				
MW - 4	05/07/19	Not Sampled on Current Sample Schedule				
MW - 4	08/19/19	Not Sampled on Current Sample Schedule				
MW - 4	11/18/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	02/12/20	Not Sampled on Current Sample Schedule				
MW - 4	06/04/20	Not Sampled on Current Sample Schedule				
MW - 4	08/17/20	Not Sampled on Current Sample Schedule				
MW - 4	11/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	02/08/21	Not Sampled on Current Sample Schedule				
MW - 4	05/18/21	Not Sampled on Current Sample Schedule				
MW - 4	08/16/21	Not Sampled on Current Sample Schedule				
MW - 4	11/29/21	<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	<0.001
MW - 5	05/20/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 5	09/07/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	12/10/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	03/06/00	<0.001	<0.001	<0.001	0.0010	<0.001
MW - 5	05/16/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	08/31/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	03/07/01	<0.001	<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	<0.001
MW - 5	10/12/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	02/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	05/13/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	11/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	05/13/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	08/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	12/15/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 5	03/04/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 5	05/25/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 5	08/31/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 5	12/10/04	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
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	Not Sampled on Current Sample Schedule				
MW - 5	12/06/05	<0.001	<0.001	<0.001	<0.001	
MW - 5	03/10/06	Not Sampled on Current Sample Schedule				
MW - 5	06/09/06	Not Sampled on Current Sample Schedule				
MW - 5	09/12/06	Not Sampled on Current Sample Schedule				
MW - 5	11/28/06	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/22/07	Not Sampled on Current Sample Schedule				
MW - 5	05/17/07	Not Sampled on Current Sample Schedule				
MW - 5	08/21/07	Not Sampled on Current Sample Schedule				
MW - 5	11/26/07	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/26/08	Not Sampled on Current Sample Schedule				
MW - 5	05/26/08	Not Sampled on Current Sample Schedule				
MW - 5	08/28/08	Not Sampled on Current Sample Schedule				
MW - 5	11/19/08	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/13/09	Not Sampled on Current Sample Schedule				
MW - 5	05/20/09	Not Sampled on Current Sample Schedule				
MW - 5	08/15/09	Not Sampled on Current Sample Schedule				
MW - 5	11/06/09	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/05/10	Not Sampled on Current Sample Schedule				
MW - 5	05/03/10	Not Sampled on Current Sample Schedule				
MW - 5	08/02/10	Not Sampled on Current Sample Schedule				
MW - 5	11/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/07/11	Not Sampled on Current Sample Schedule				
MW - 5	05/10/11	Not Sampled on Current Sample Schedule				
MW - 5	08/08/11	Not Sampled on Current Sample Schedule				
MW - 5	11/10/11	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/16/12	Not Sampled on Current Sample Schedule				
MW - 5	05/12/12	Not Sampled on Current Sample Schedule				
MW - 5	08/01/12	Not Sampled on Current Sample Schedule				
MW - 5	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/05/13	Not Sampled on Current Sample Schedule				
MW - 5	05/09/13	Not Sampled on Current Sample Schedule				
MW - 5	08/01/13	Not Sampled on Current Sample Schedule				
MW - 5	11/07/13	<0.001	<0.001	<0.001	<0.0030	
MW - 5	02/17/14	Not Sampled on Current Sample Schedule				
MW - 5	05/07/14	Not Sampled on Current Sample Schedule				
MW - 5	08/26/14	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 5	11/12/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/25/15	Not Sampled on Current Sample Schedule				
MW - 5	05/19/15	Not Sampled on Current Sample Schedule				
MW - 5	08/06/15	Not Sampled on Current Sample Schedule				
MW - 5	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/08/16	Not Sampled on Current Sample Schedule				
MW - 5	05/12/16	Not Sampled on Current Sample Schedule				
MW - 5	08/11/16	Not Sampled on Current Sample Schedule				
MW - 5	11/10/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/15/17	Not Sampled on Current Sample Schedule				
MW - 5	05/08/17	Not Sampled on Current Sample Schedule				
MW - 5	08/16/17	Not Sampled on Current Sample Schedule				
MW - 5	11/01/17	<0.00200	<0.00200	<0.00200	<0.002	
MW - 5	02/19/18	Not Sampled on Current Sample Schedule				
MW - 5	05/02/18	Not Sampled on Current Sample Schedule				
MW - 5	08/14/18	Not Sampled on Current Sample Schedule				
MW - 5	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 5	02/11/19	Not Sampled on Current Sample Schedule				
MW - 5	05/07/19	Not Sampled on Current Sample Schedule				
MW - 5	08/19/19	Not Sampled on Current Sample Schedule				
MW - 5	11/18/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	02/12/20	Not Sampled on Current Sample Schedule				
MW - 5	06/04/20	Not Sampled on Current Sample Schedule				
MW - 5	08/17/20	Not Sampled on Current Sample Schedule				
MW - 5	11/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	02/08/21	Not Sampled on Current Sample Schedule				
MW - 5	05/18/21	Not Sampled on Current Sample Schedule				
MW - 5	08/16/21	Not Sampled on Current Sample Schedule				
MW - 5	11/29/21	<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	<0.001
MW - 6	05/20/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	09/07/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	12/10/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	03/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	05/16/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	08/31/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 6	03/07/01	<0.001	<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	<0.001
MW - 6	05/13/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	11/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	05/13/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	08/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	12/15/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	03/04/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	12/10/04	0.0036	<0.001	<0.001	0.0032	
MW - 6	03/14/05	Not Sampled on Current Sample Schedule				
MW - 6	06/13/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/12/05	Not Sampled on Current Sample Schedule				
MW - 6	12/06/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/10/06	Not Sampled on Current Sample Schedule				
MW - 6	06/09/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/12/06	Not Sampled on Current Sample Schedule				
MW - 6	11/28/06	<0.001	<0.001	<0.001	0.0013	
MW - 6	02/22/07	Not Sampled on Current Sample Schedule				
MW - 6	05/17/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/21/07	Not Sampled on Current Sample Schedule				
MW - 6	11/26/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/26/08	Not Sampled on Current Sample Schedule				
MW - 6	05/26/08	<0.001	<0.001	<0.001	0.0017	
MW - 6	08/28/08	Not Sampled on Current Sample Schedule				
MW - 6	11/19/08	<0.001	<0.001	<0.001	0.0017	
MW - 6	02/13/09	Not Sampled on Current Sample Schedule				
MW - 6	05/20/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/15/09	Not Sampled on Current Sample Schedule				
MW - 6	11/06/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/05/10	Not Sampled on Current Sample Schedule				
MW - 6	05/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/02/10	Not Sampled on Current Sample Schedule				
MW - 6	11/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/07/11	Not Sampled on Current Sample Schedule				
MW - 6	05/10/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/08/11	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 6	11/10/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/16/12	Not Sampled on Current Sample Schedule				
MW - 6	05/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/01/12	Not Sampled on Current Sample Schedule				
MW - 6	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/05/13	Not Sampled on Current Sample Schedule				
MW - 6	05/09/13	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/01/13	Not Sampled on Current Sample Schedule				
MW - 6	11/07/13	<0.001	<0.001	<0.001	<0.0030	
MW - 6	02/17/14	Not Sampled on Current Sample Schedule				
MW - 6	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	08/26/14	Not Sampled on Current Sample Schedule				
MW - 6	11/12/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/25/15	Not Sampled on Current Sample Schedule				
MW - 6	05/19/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/06/15	Not Sampled on Current Sample Schedule				
MW - 6	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/08/16	Not Sampled on Current Sample Schedule				
MW - 6	05/12/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/11/16	Not Sampled on Current Sample Schedule				
MW - 6	11/10/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/15/17	Not Sampled on Current Sample Schedule				
MW - 6	05/08/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 6	08/16/17	Not Sampled on Current Sample Schedule				
MW - 6	11/01/17	<0.00200	<0.00200	<0.00200	<0.002	
MW - 6	02/19/18	Not Sampled on Current Sample Schedule				
MW - 6	05/02/18	0.00353	0.00623	<0.00200	<0.00400	
MW - 6	08/14/18	Not Sampled on Current Sample Schedule				
MW - 6	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 6	02/11/19	Not Sampled on Current Sample Schedule				
MW - 6	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	08/19/19	Not Sampled on Current Sample Schedule				
MW - 6	11/18/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	02/12/20	Not Sampled on Current Sample Schedule				
MW - 6	06/04/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 6	08/17/20	Not Sampled on Current Sample Schedule				
MW - 6	11/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	02/08/21	Not Sampled on Current Sample Schedule				
MW - 6	05/18/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 6	08/16/21	Not Sampled on Current Sample Schedule				
MW - 6	11/29/21	<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	<0.001
MW - 7	05/20/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 7	09/07/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	12/10/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	03/06/00	<0.001	<0.001	<0.001	0.0010	<0.001
MW - 7	05/16/00	0.0010	0.0040	0.001	0.0010	0.002
MW - 7	08/31/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	03/07/01	<0.001	<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	<0.001
MW - 7	10/12/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	02/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	05/13/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	11/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	05/13/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	08/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	12/15/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 7	03/04/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 7	12/10/04	<0.001	<0.001	<0.001	<0.001	
MW - 7	03/14/05	Not Sampled on Current Sample Schedule				
MW - 7	06/13/05	<0.001	<0.001	<0.001	<0.001	
MW - 7	09/12/05	Not Sampled on Current Sample Schedule				
MW - 7	12/06/05	<0.001	<0.001	<0.001	<0.001	
MW - 7	03/10/06	Not Sampled on Current Sample Schedule				
MW - 7	06/09/06	<0.001	<0.001	<0.001	<0.001	
MW - 7	09/12/06	Not Sampled on Current Sample Schedule				
MW - 7	11/28/06	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/22/07	Not Sampled on Current Sample Schedule				
MW - 7	05/17/07	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/21/07	Not Sampled on Current Sample Schedule				
MW - 7	11/26/07	0.0031	<0.001	<0.001	<0.001	
MW - 7	02/26/08	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 7	05/26/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/28/08	Not Sampled on Current Sample Schedule				
MW - 7	11/19/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/13/09	Not Sampled on Current Sample Schedule				
MW - 7	05/20/09	0.0071	<0.001	<0.001	<0.001	
MW - 7	08/15/09	Not Sampled on Current Sample Schedule				
MW - 7	11/06/09	0.0013	<0.001	<0.001	<0.001	
MW - 7	02/05/10	Not Sampled on Current Sample Schedule				
MW - 7	05/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/02/10	Not Sampled on Current Sample Schedule				
MW - 7	11/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/07/11	Not Sampled on Current Sample Schedule				
MW - 7	05/10/11	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/08/11	Not Sampled on Current Sample Schedule				
MW - 7	11/10/11	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/16/12	Not Sampled on Current Sample Schedule				
MW - 7	05/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/01/12	Not Sampled on Current Sample Schedule				
MW - 7	11/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/05/13	Not Sampled on Current Sample Schedule				
MW - 7	05/09/13	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/01/13	Not Sampled on Current Sample Schedule				
MW - 7	11/07/13	<0.001	<0.001	<0.001	<0.00300	
MW - 7	02/17/14	Not Sampled on Current Sample Schedule				
MW - 7	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 7	08/26/14	Not Sampled on Current Sample Schedule				
MW - 7	11/12/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/25/15	Not Sampled on Current Sample Schedule				
MW - 7	05/19/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	08/06/15	Not Sampled on Current Sample Schedule				
MW - 7	11/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/08/16	Not Sampled on Current Sample Schedule				
MW - 7	05/12/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	08/11/16	Not Sampled on Current Sample Schedule				
MW - 7	11/10/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/15/17	Not Sampled on Current Sample Schedule				
MW - 7	05/08/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 7	08/16/17	Not Sampled on Current Sample Schedule				
MW - 7	11/01/17	<0.00200	<0.00200	<0.00200	<0.002	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD Reference 1R-0119

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		**0.01**	**0.75**	**0.75**	**0.62**	
MW - 7	02/19/18	Not Sampled on Current Sample Schedule				
MW - 7	05/02/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 7	08/14/18	Not Sampled on Current Sample Schedule				
MW - 7	11/14/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 7	02/11/19	Not Sampled on Current Sample Schedule				
MW - 7	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	08/19/19	Not Sampled on Current Sample Schedule				
MW - 7	11/18/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	02/12/20	Not Sampled on Current Sample Schedule				
MW - 7	06/04/20	<0.00100	<0.00500	<0.00100	<0.00500	
MW - 7	08/17/20	Not Sampled on Current Sample Schedule				
MW - 7	11/18/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	02/08/21	Not Sampled on Current Sample Schedule				
MW - 7	05/18/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	08/16/21	Not Sampled on Current Sample Schedule				
MW - 7	11/29/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0119
All water concentrations are reported in mg/L

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	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/10/11	Not Sampled as part of Quarterly Monitoring Event.																		
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	Not Sampled as part of Quarterly Monitoring Event.																		
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	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/10/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/01/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/18/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/18/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		
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	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/10/11	Not Sampled due to presence of PSH.																		
MW-2	12/04/12	Not Sampled due to presence of PSH.																		
MW-2	11/07/13	Not Sampled due to presence of PSH.																		
MW-2	11/12/14	Not Sampled due to presence of 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	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/18/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/18/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0119

All water concentrations are reported in mg/L

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-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	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/10/11	Not Sampled due to presence of PSH.																		
MW-3	12/04/12	Not Sampled due to presence of PSH.																		
MW-3	11/07/13	Not Sampled due to presence of PSH.																		
MW-3	11/12/14	Not Sampled due to presence of PSH.																		
MW-3	11/12/15	Not Sampled due to presence of PSH.																		
MW-3	11/10/16	Not Sampled due to presence of PSH.																		
MW-3	11/01/17	Not Sampled due to presence of PSH.																		
MW-3	11/14/18	Not Sampled due to presence of PSH.																		
MW-3	11/18/19	Not Sampled due to presence of PSH.																		
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-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	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/10/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/04/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/12/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/10/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/01/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/18/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0119

All water concentrations are reported in mg/L

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-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	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/10/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/04/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/12/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/10/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/01/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/18/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/23/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		
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	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/10/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/04/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/12/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/10/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/01/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/18/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0119
All water concentrations are reported in mg/L

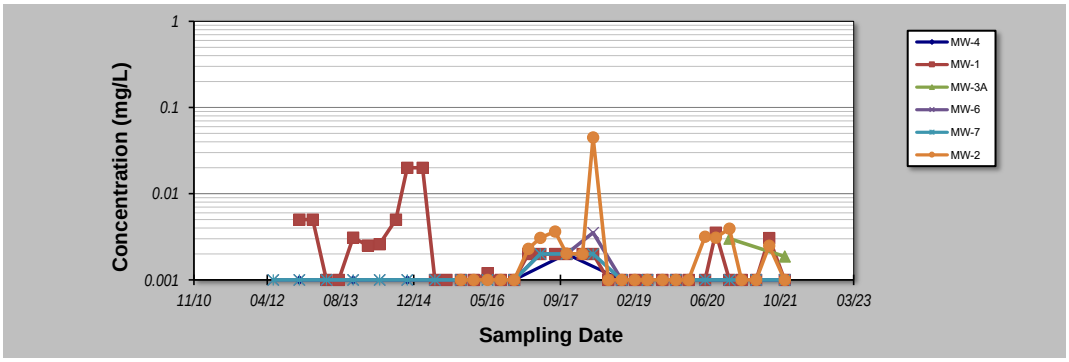
SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	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-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	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/10/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/04/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/12/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/12/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/10/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/01/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/14/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/18/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/13/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/29/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 7

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: Monument 10
Conducted By: TRC
Job ID: NMOCD 1R-0119
Constituent: Benzene
Concentration Units: mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)						
1	02/16/12							
2	05/12/12				0.001	0.001		
3	08/01/12							
4	11/06/12	0.001	0.005		0.001	0.001		
5	02/05/13		0.005					
6	05/09/13		0.001		0.001	0.001		
7	08/01/13		0.001					
8	11/07/13	0.001	0.0031		0.001	0.001		
9	02/17/14		0.00250					
10	05/07/14		0.00260		0.00100	0.00100		
11	08/26/14		0.00500					
12	11/12/14	0.00100	0.0200		0.00100	0.00100		
13	02/25/15		0.0200					
14	05/19/15		0.00100		0.00100	0.00100		
15	08/06/15		0.00100					
16	11/12/15	0.00100	0.00100		0.00100	0.00100	0.00100	
17	02/08/16		0.00100				0.00100	
18	05/12/16		0.00120		0.00100	0.00100	0.00100	
19	08/11/16		0.00100				0.00100	
20	11/10/16	0.00100	0.00100		0.00100	0.00100	0.00100	
21	02/15/17		0.00200				0.00230	
22	05/08/17		0.00200		0.00200	0.00200	0.00308	
23	08/16/17		0.00200				0.00365	
24	11/01/17	0.00200	0.00200		0.00200	0.00200	0.00202	
25	02/19/18		0.00200				0.00200	
26	05/02/18		0.00200		0.00353	0.00200	0.0450	
27	08/14/18		0.00100				0.00100	
28	11/14/18	0.00100	0.00100		0.00100	0.00100	0.00100	
29	02/11/19		0.00100				0.00100	
30	05/07/19		0.00100		0.00100	0.00100	0.00100	
31	08/19/19		0.00100				0.00100	
32	11/18/19	0.00100	0.00100		0.00100	0.00100	0.00100	
33	02/12/20		0.00100				0.00100	
34	06/04/20		0.00100		0.00100	0.00100	0.00318	
35	08/17/20		0.00353				0.00309	
36	11/18/20	0.00100	0.00100	0.00301	0.00100	0.00100	0.00394	
37	02/08/21		0.00100				0.00100	
38	05/18/21		0.00100		0.00100	0.00100	0.00100	
39	08/16/21		0.00306				0.00249	
40	11/29/21	0.00100	0.00100	0.00187	0.00100	0.00100	0.00100	
Coefficient of Variation:		0.29	1.56	0.33	0.51	0.32	2.54	
Mann-Kendall Statistic (S):		1	-173	-1	11	9	17	
Confidence Factor:		50.0%	98.9%		62.6%	60.1%	64.5%	
Concentration Trend:		No Trend	Decreasing		No Trend	No Trend	No Trend	



Notes:

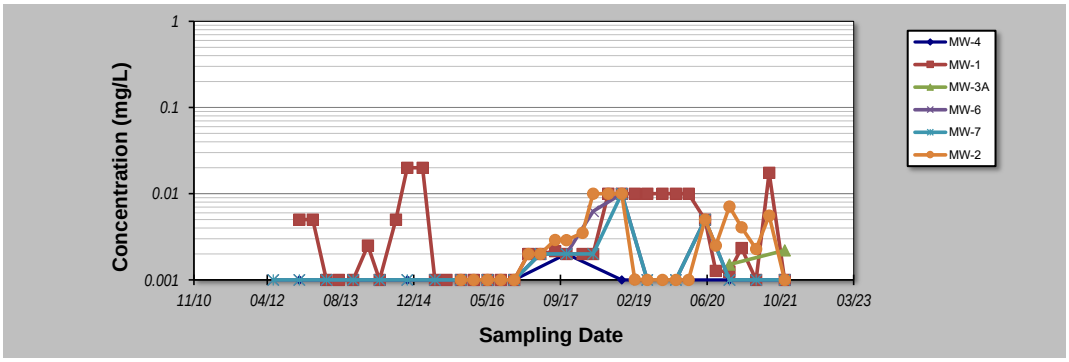
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably 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.

TABLE 8

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: Monument 10
Conducted By: TRC
Job ID: NMOCD 1R-0119
Constituent: Toluene
Concentration Units: mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	TOLUENE CONCENTRATION (mg/L)						
1	02/16/12							
2	05/12/12				0.001	0.001		
3	08/01/12							
4	11/06/12	0.001	0.005		0.001	0.001		
5	02/05/13		0.005					
6	05/09/13		0.001		0.001	0.001		
7	08/01/13		0.001					
8	11/07/13	0.001	0.001		0.001	0.001		
9	02/17/14		0.00250					
10	05/07/14		0.00100		0.00100	0.00100		
11	08/26/14		0.00500					
12	11/12/14	0.001	0.0200		0.00100	0.00100		
13	02/25/15		0.0200					
14	05/19/15		0.00100		0.00100	0.00100		
15	08/06/15		0.00100					
16	11/12/15	0.00100	0.00100		0.00100	0.00100	0.00100	
17	02/08/16		0.00100				0.00100	
18	05/12/16		0.00100		0.00100	0.00100	0.00100	
19	08/11/16		0.00100				0.00100	
20	11/10/16	0.00100	0.00100		0.00100	0.00100	0.00100	
21	02/15/17		0.00200				0.00200	
22	05/08/17		0.00200		0.00200	0.00200	0.00200	
23	08/16/17		0.00216				0.00291	
24	11/01/17	0.00200	0.00200		0.00200	0.00200	0.00289	
25	02/19/18		0.00200				0.00352	
26	05/02/18		0.00200		0.00623	0.00200	0.0100	
27	08/14/18		0.0100				0.0100	
28	11/14/18	0.00100	0.0100		0.0100	0.0100	0.0100	
29	02/11/19		0.01000				0.00101	
30	05/07/19		0.01000		0.00100	0.00100	0.00100	
31	08/19/19		0.01000				0.00100	
32	11/18/19	0.00100	0.01000		0.00100	0.00100	0.00100	
33	02/12/20		0.01000				0.00100	
34	06/04/20		0.00500		0.00500	0.00500	0.00500	
35	08/17/20		0.00127				0.00250	
36	11/18/20	0.00100	0.00125	0.00151	0.00100	0.00100	0.00710	
37	02/08/21		0.00234				0.00408	
38	05/18/21		0.00100		0.00100	0.00100	0.00228	
39	08/16/21		0.0175				0.00559	
40	11/29/21	0.00100	0.00100	0.00220	0.00100	0.00100	0.00100	
Coefficient of Variation:		0.29	1.13	0.26	1.17	1.19	0.94	
Mann-Kendall Statistic (S):		1	112	1	34	34	67	
Confidence Factor:		50.0%	92.6%		85.6%	85.6%	93.8%	
Concentration Trend:		No Trend	Prob. Increasing		No Trend	No Trend	Prob. Increasing	



Notes:

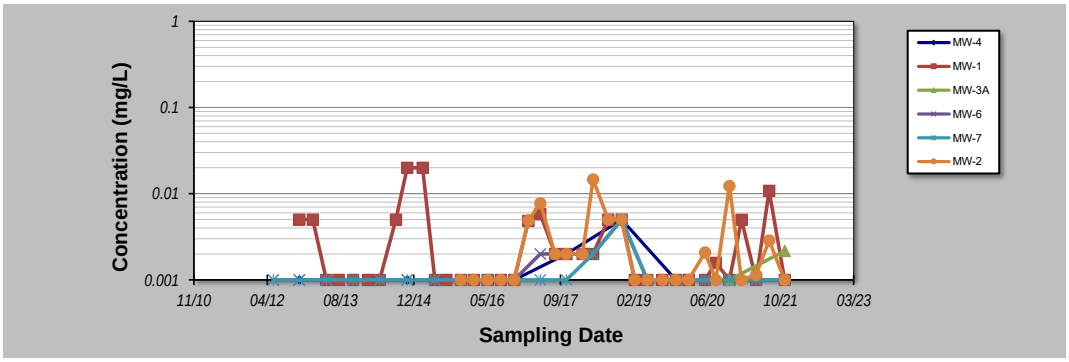
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably 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.

TABLE 9

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: Monument 10
Conducted By: TRC
Job ID: NMOCD 1R-0119
Constituent: Ethylbenzene
Concentration Units: mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	ETHYLBENZENE CONCENTRATION (mg/L)						
1	02/16/12							
2	05/12/12				0.001	0.001		
3	08/01/12							
4	11/06/12	0.001	0.005		0.001	0.001		
5	02/05/13		0.005					
6	05/09/13		0.001		0.001	0.001		
7	08/01/13		0.001					
8	11/07/13	0.001	0.001		0.001	0.001		
9	02/17/14		0.00100					
10	05/07/14		0.00100		0.00100	0.00100		
11	08/26/14		0.00500					
12	11/12/14	0.00100	0.0200		0.00100	0.00100		
13	02/25/15		0.0200					
14	05/19/15		0.00100		0.00100	0.00100		
15	08/06/15		0.00100					
16	11/12/15	0.00100	0.00100		0.00100	0.00100	0.00100	
17	02/08/16		0.00100				0.00100	
18	05/12/16		0.00100		0.00100	0.00100	0.00100	
19	08/11/16		0.00100				0.00100	
20	11/10/16	0.00100	0.00100		0.00100	0.00100	0.00100	
21	02/15/17		0.00482				0.00490	
22	05/08/17		0.00578		0.00200	0.00100	0.00776	
23	08/16/17		0.00200				0.00200	
24	11/01/17	0.00200	0.00200		0.00200	0.00100	0.00200	
25	02/19/18		0.00200				0.00200	
26	05/02/18		0.00200		0.00200	0.00200	0.0146	
27	08/14/18		0.00500				0.00500	
28	11/14/18	0.00500	0.00500		0.00500	0.00500	0.00500	
29	02/11/19		0.00100				0.00100	
30	05/07/19		0.00100		0.00100	0.00100	0.00100	
31	08/19/19		0.00100				0.00100	
32	11/18/19	0.00100	0.00100		0.00100	0.00100	0.00100	
33	02/12/20		0.00100				0.00100	
34	06/04/20		0.00100		0.00100	0.00100	0.00208	
35	08/17/20		0.00158				0.00100	
36	11/18/20	0.00100	0.00100	0.00100	0.00100	0.00100	0.0123	
37	02/08/21		0.00497				0.00100	
38	05/18/21		0.00100		0.00100	0.00100	0.00115	
39	08/16/21		0.0108				0.00286	
40	11/29/21	0.00100	0.00100	0.00217	0.00100	0.00100	0.00100	
Coefficient of Variation:		0.85	1.39	0.52	0.69	0.73	1.21	
Mann-Kendall Statistic (S):		5	-25	1	19	13	12	
Confidence Factor:		63.6%	62.2%		71.8%	65.0%	60.0%	
Concentration Trend:		No Trend	No Trend		No Trend	No Trend	No Trend	



Notes:

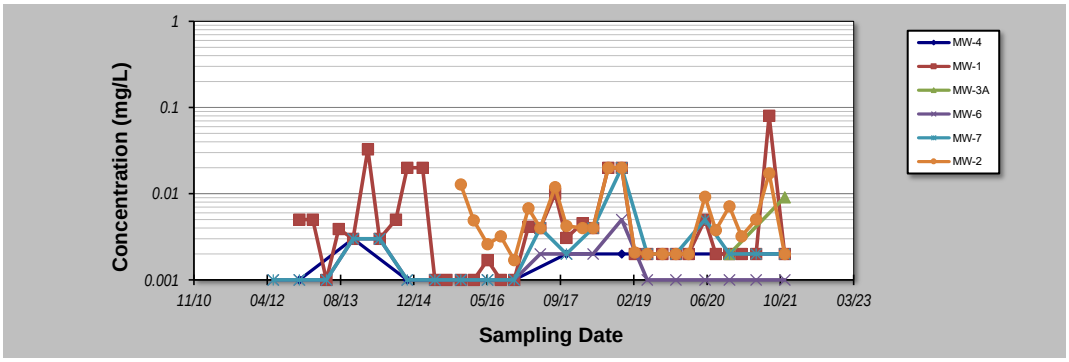
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably 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.

TABLE 10

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: Monument 10
Conducted By: TRC
Job ID: NMOCD 1R-0119
Constituent: Xylene
Concentration Units: mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	XYLENE CONCENTRATION (mg/L)						
1	02/16/12							
2	05/12/12				0.001	0.001		
3	08/01/12							
4	11/06/12	0.001	0.005		0.001	0.001		
5	02/05/13		0.005					
6	05/09/13		0.001		0.001	0.001		
7	08/01/13		0.0039					
8	11/07/13	0.00300	0.00300		0.0030	0.00300		
9	02/17/14		0.0328					
10	05/07/14		0.00300		0.00300	0.00300		
11	08/26/14		0.00500					
12	11/12/14	0.00100	0.0200		0.00100	0.00100		
13	02/25/15		0.0200					
14	05/19/15		0.00100		0.00100	0.00100		
15	08/06/15		0.00100					
16	11/12/15	0.00100	0.00100		0.00100	0.00100	0.0128	
17	02/08/16		0.00100				0.00490	
18	05/12/16		0.00170		0.00100	0.00100	0.00260	
19	08/11/16		0.00100				0.00320	
20	11/10/16	0.00100	0.00100		0.00100	0.00100	0.00170	
21	02/15/17		0.00414				0.00677	
22	05/08/17		0.00400		0.00200	0.00400	0.00400	
23	08/16/17		0.01001				0.01192	
24	11/01/17	0.002	0.00308		0.00200	0.002	0.00423	
25	02/19/18		0.00454				0.00400	
26	05/02/18		0.00400		0.00200	0.00400	0.00400	
27	08/14/18		0.0200				0.0200	
28	11/14/18	0.002	0.0200		0.00500	0.0200	0.0200	
29	02/11/19		0.00200				0.00208	
30	05/07/19		0.00200		0.00100	0.00200	0.00200	
31	08/19/19		0.00200				0.00200	
32	11/18/19	0.00200	0.00200		0.00100	0.00200	0.00200	
33	02/12/20		0.00200				0.00200	
34	06/04/20		0.00500		0.00100	0.00500	0.00920	
35	08/17/20		0.00200				0.00377	
36	11/18/20	0.00200	0.00200	0.00200	0.00100	0.00200	0.00713	
37	02/08/21		0.00200				0.00320	
38	05/18/21		0.00200		0.00100	0.00200	0.00504	
39	08/16/21		0.0802				0.01726	
40	11/29/21	0.00200	0.00200	0.00908	0.00100	0.00200	0.00200	
Coefficient of Variation:		0.40	1.88	0.90	0.68	1.42	0.90	
Mann-Kendall Statistic (S):		13	-24	1	-9	61	-21	
Confidence Factor:		85.4%	61.7%		60.1%	97.5%	67.8%	
Concentration Trend:		No Trend	No Trend		Stable	Increasing	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.

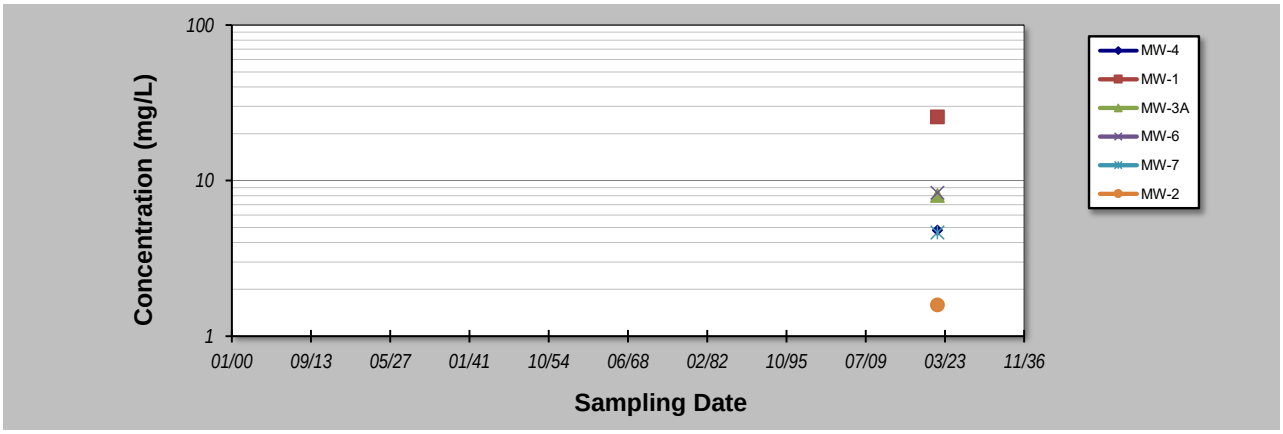
TABLE 11

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: Monument 10
Conducted By: TRC

Job ID: NMOCD 1R-0119
Constituent: Total Organic Carbon (TOC)
Concentration Units: mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	TOTAL ORGANIC CARBON (TOC) CONCENTRATION (mg/L)						
1	11/29/21	4.79	25.7	8.02	8.36	4.64	1.59	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

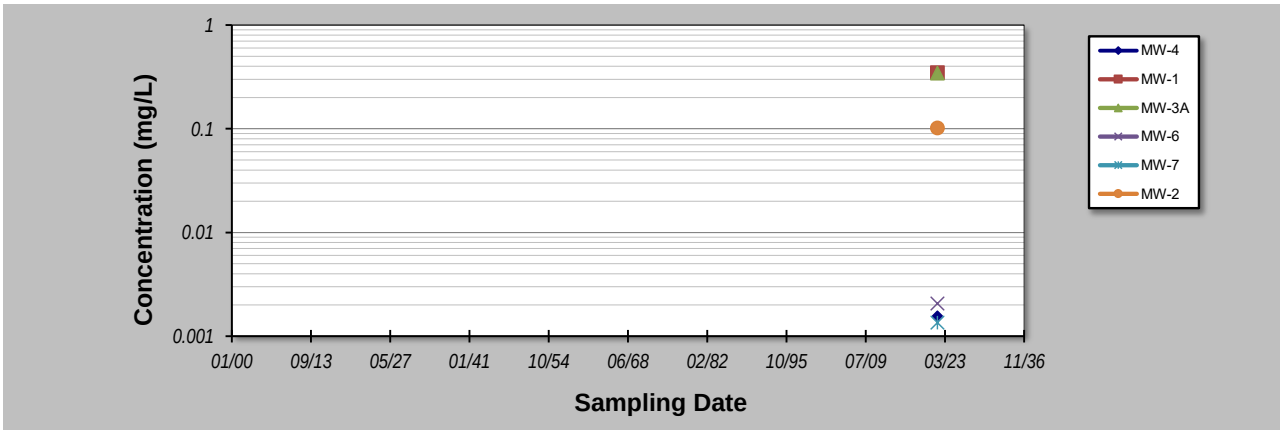
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably 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.

TABLE 12

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	01/01/22	Job ID:	NMOCD 1R-0119
Facility Name:	Monument 10	Constituent:	Dissolved Methane
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	DISSOLVED METHANE CONCENTRATION (mg/L)						
1	11/29/21	0.00157	0.348	0.343	0.00207	0.00135	0.102	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

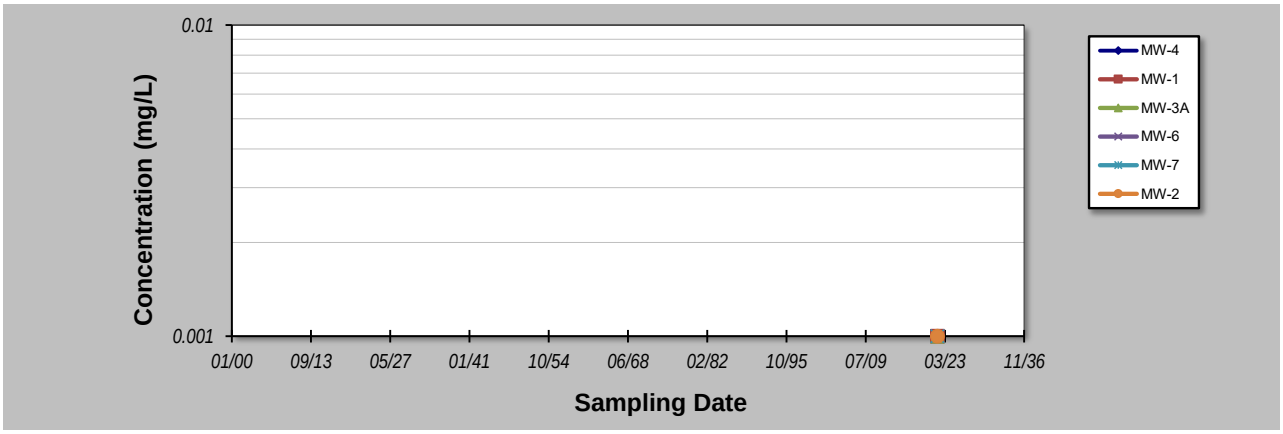
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably 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.

TABLE 13

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	01/01/22	Job ID:	NMOCD 1R-0119
Facility Name:	Monument 10	Constituent:	Dissolved Ethane
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	DISSOLVED ETHANE CONCENTRATION (mg/L)						
1	11/29/21	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration 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.

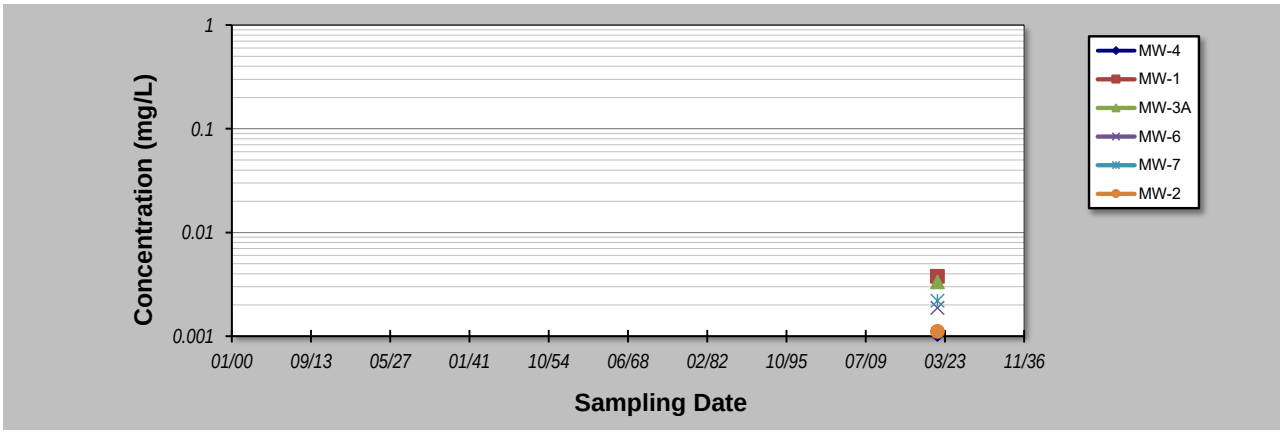
TABLE 14

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: Monument 10
Conducted By: TRC

Job ID: NMOCD 1R-0119
Constituent: Dissolved Ethene
Concentration Units: mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	DISSOLVED ETHENE CONCENTRATION (mg/L)						
1	11/29/21	0.00100	0.00377	0.00334	0.00187	0.00219	0.00111	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								



Notes:

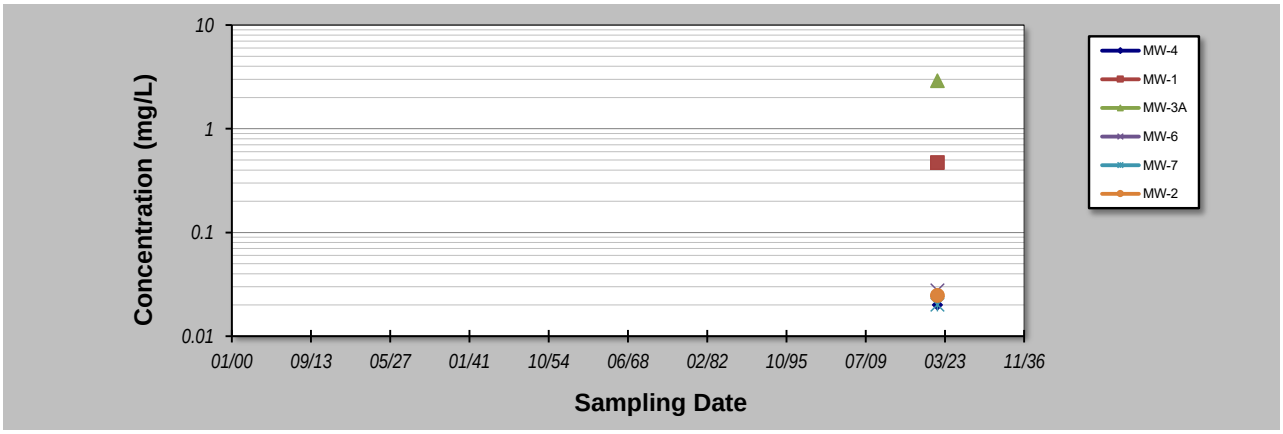
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably 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.

TABLE 15

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	01/01/22	Job ID:	NMOCD 1R-0119
Facility Name:	Monument 10	Constituent:	Dissolved Iron (filtered)
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	DISSOLVED IRON (FILTERED) CONCENTRATION (mg/L)						
1	11/29/21	0.0200	0.472	2.91	0.0276	0.0201	0.0247	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration 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.

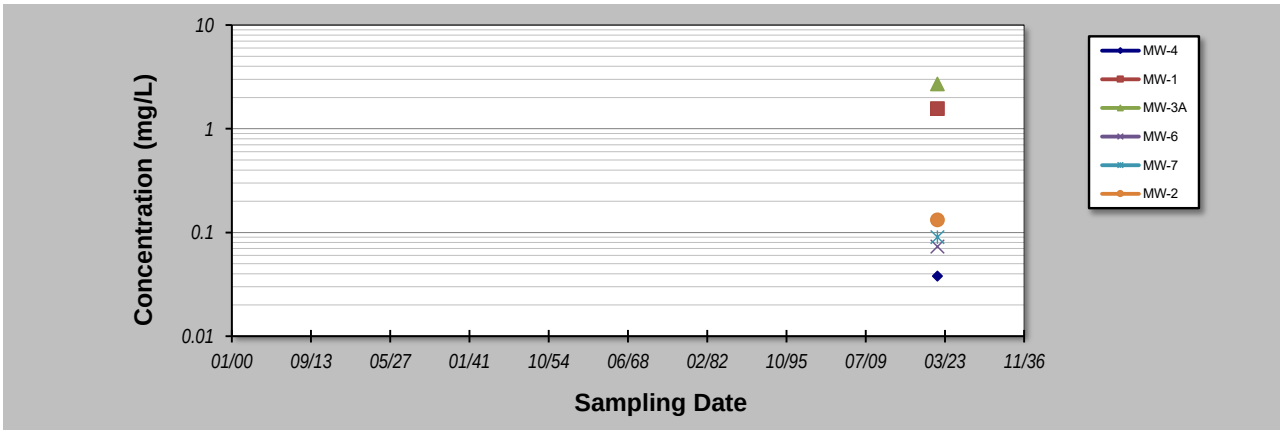
TABLE 16

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: Monument 10
Conducted By: TRC

Job ID: NMOCD 1R-0119
Constituent: Dissolved Manganese (filtered)
Concentration Units: mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	DISSOLVED MANGANESE (FILTERED) CONCENTRATION (mg/L)						
1	11/29/21	0.0379	1.56	2.70	0.0730	0.0903	0.132	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration 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.

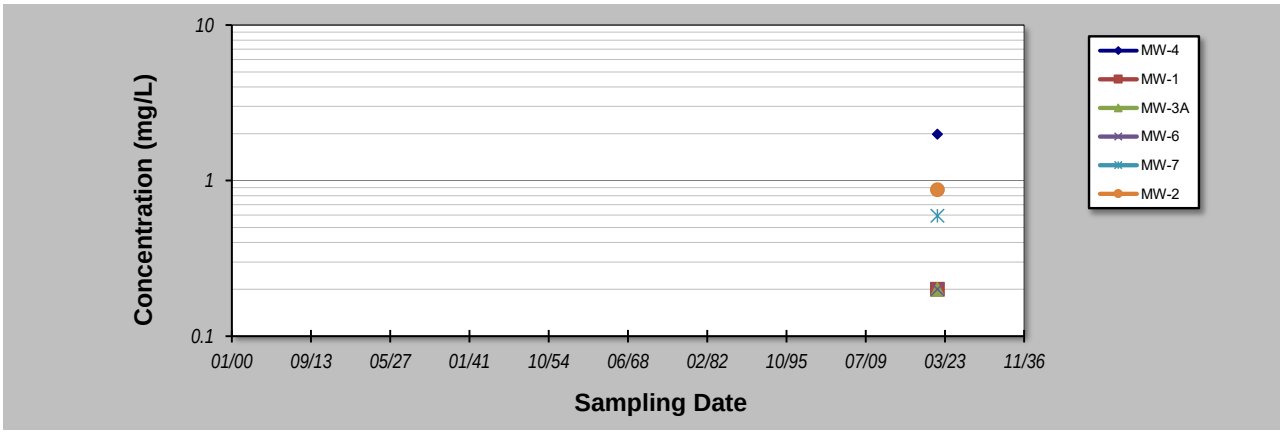
TABLE 17

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: Monument 10
Conducted By: TRC

Job ID: NMOCD 1R-0119
Constituent: Nitrate
Concentration Units: mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	NITRATE CONCENTRATION (mg/L)						
1	11/29/21	1.99	0.200	0.200	0.200	0.595	0.874	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration 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.
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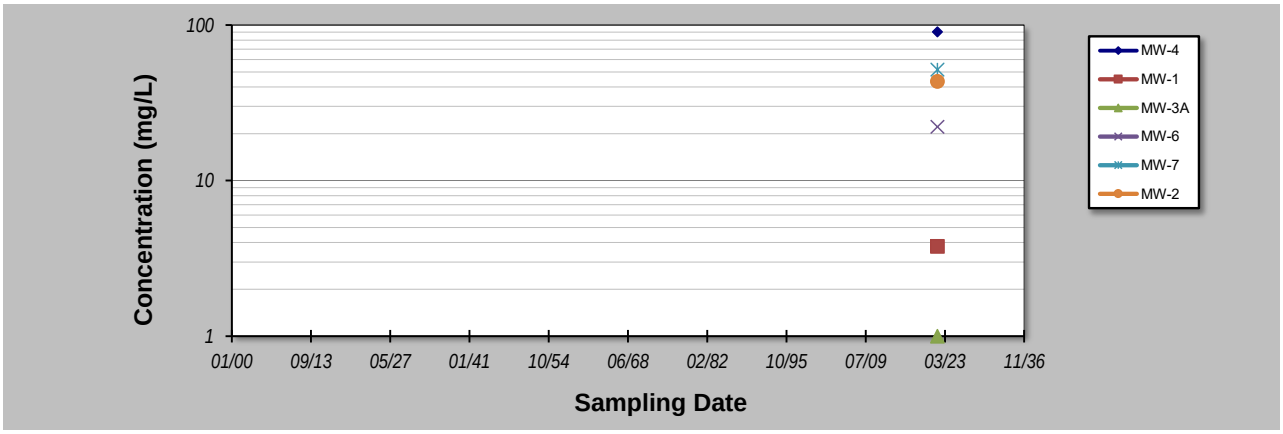
TABLE 18

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: Monument 10
Conducted By: TRC

Job ID: NMOCD 1R-0119
Constituent: Sulfate
Concentration Units: mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	SULFATE CONCENTRATION (mg/L)						
1	11/29/21	90.2	3.78	1.00	22.2	51.6	43.4	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration 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.
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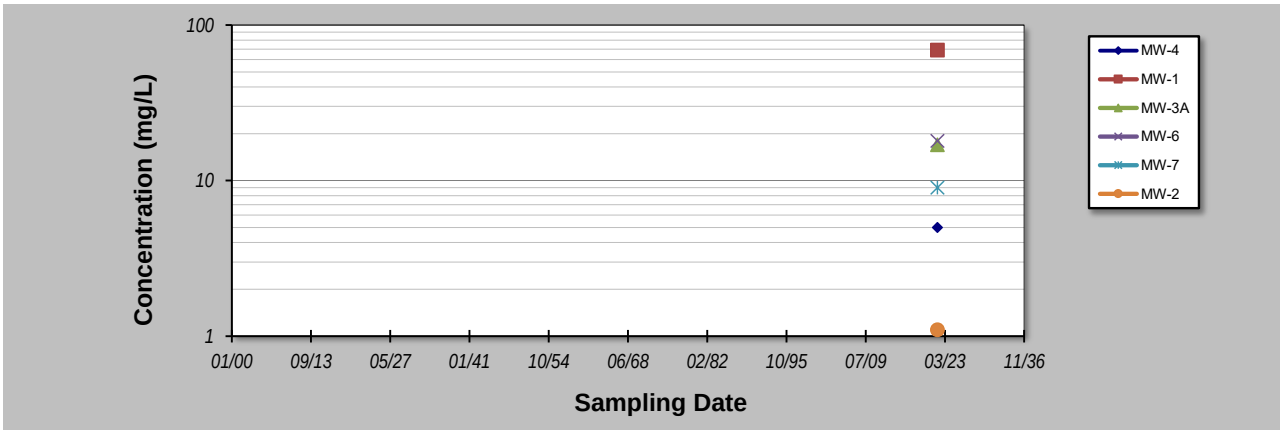
TABLE 19

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: Monument 10
Conducted By: TRC

Job ID: NMOCD 1R-0119
Constituent: Chemical Oxygen Demand (COD)
Concentration Units: mg/L

Sampling Point ID:	MW-4	MW-1	MW-3A	MW-6	MW-7	MW-2	
Sampling Event	Sampling Date	CHEMICAL OXYGEN DEMAND (COD) CONCENTRATION (mg/L)						
1	11/29/21	5.00	69.0	17.0	18.0	9.00	1.10	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration 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.
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APPENDICES

APPENDIX A:
2021 Laboratory Analytical Reports

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

PBELAB

Analytical Report

Prepared for:

Curt Stanley

TRC Solutions- Midland, Texas

10 Desta Dr STE 150E

Midland, TX 79705

Project: Monument 10

Project Number: TNM Monument-10

Location:

Lab Order Number: 1B12003

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 02/25/21

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Monument 10
Project Number: TNM Monument-10
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 1	1B12003-01	Water	02/08/21 12:15	02-12-2021 09:20
MW 2	1B12003-02	Water	02/08/21 12:37	02-12-2021 09:20

TRC Solutions- Midland, Texas	Project: Monument 10	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM Monument-10	
Midland TX, 79705	Project Manager: Curt Stanley	

MW 1

1B12003-01 (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	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	**0.00234**	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	**0.00497**	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.0 %*		*80-120*	*P1B1601*	*02/16/21*	*02/17/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.0 %*		*80-120*	*P1B1601*	*02/16/21*	*02/17/21*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: Monument 10	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM Monument-10	
Midland TX, 79705	Project Manager: Curt Stanley	

MW 2

1B12003-02 (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	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	**0.00408**	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	**0.00320**	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P1B1601*	*02/16/21*	*02/17/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*80-120*		*P1B1601*	*02/16/21*	*02/17/21*	*EPA 8021B*	

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Monument 10
Project Number: TNM Monument-10
Project Manager: Curt Stanley

Fax: (432) 520-7701

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 P1B1601 - * DEFAULT PREP *** **										
Blank (P1B1601-BLK1)				Prepared: 02/16/21 Analyzed: 02/17/21						
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	*0.123*		"	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
LCS (P1B1601-BS1)				Prepared: 02/16/21 Analyzed: 02/17/21						
Benzene	0.0818	0.00100	mg/L	0.100		81.8	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
LCS Dup (P1B1601-BSD1)				Prepared: 02/16/21 Analyzed: 02/17/21						
Benzene	0.0810	0.00100	mg/L	0.100		81.0	80-120	1.02	20	
Toluene	0.0971	0.00100	"	0.100		97.1	80-120	5.37	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	0.101	20	
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120	2.31	20	
Xylene (o)	0.109	0.00100	"	0.100		109	80-120	1.53	20	
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.1*	*80-120*			
Calibration Check (P1B1601-CCV1)				Prepared: 02/16/21 Analyzed: 02/17/21						
Benzene	0.0808	0.00100	mg/L	0.100		80.8	80-120			
Toluene	0.0992	0.00100	"	0.100		99.2	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.113	0.00100	"	0.100		113	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.4*	*80-120*			

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Monument 10
Project Number: TNM Monument-10
Project Manager: Curt Stanley

Fax: (432) 520-7701

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 P1B1601 - * DEFAULT PREP *** **										
Calibration Check (P1B1601-CCV2)				Prepared: 02/16/21 Analyzed: 02/17/21						
Benzene	0.0804	0.00100	mg/L	0.100		80.4	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*95.8*	*80-120*			
Calibration Check (P1B1601-CCV3)				Prepared: 02/16/21 Analyzed: 02/17/21						
Benzene	0.0823	0.00100	mg/L	0.100		82.3	80-120			
Toluene	0.0981	0.00100	"	0.100		98.1	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.9*	*80-120*			
Matrix Spike (P1B1601-MS1)		**Source: 1B12001-03**		Prepared: 02/16/21 Analyzed: 02/17/21						
Benzene	0.0895	0.00100	mg/L	0.100	0.0318	57.7	80-120			QM-07
Toluene	0.0920	0.00100	"	0.100	0.00192	90.0	80-120			
Ethylbenzene	0.104	0.00100	"	0.100	0.00369	100	80-120			
Xylene (p/m)	0.186	0.00200	"	0.200	ND	93.2	80-120			
Xylene (o)	0.0956	0.00100	"	0.100	ND	95.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.120*		*90.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*95.7*	*80-120*			
Matrix Spike Dup (P1B1601-MSD1)		**Source: 1B12001-03**		Prepared: 02/16/21 Analyzed: 02/17/21						
Benzene	0.0869	0.00100	mg/L	0.100	0.0318	55.1	80-120	4.68	20	QM-07
Toluene	0.0888	0.00100	"	0.100	0.00192	86.9	80-120	3.54	20	
Ethylbenzene	0.103	0.00100	"	0.100	0.00369	99.5	80-120	0.601	20	
Xylene (p/m)	0.183	0.00200	"	0.200	ND	91.5	80-120	1.82	20	
Xylene (o)	0.0954	0.00100	"	0.100	ND	95.4	80-120	0.262	20	
Surrogate: 4-Bromofluorobenzene	*0.0982*		"	*0.120*		*81.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*94.1*	*80-120*			

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Monument 10
Project Number: TNM Monument-10
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

ROI	Received on Ice
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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: 2/25/2021

Brent Barron, Laboratory Director/Technical Director

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: Curt Stanley
Company Name: TRC
Company Address: 10 Desta Dr
City/State/Zip: Midland Tx 79705
Telephone No: 432) 520-7720 Fax No:
Sampler Signature: Manuel Herrera e-mail:

Project Name: Monument 10
Project #:
Project Loc:
PO #:
Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only) ORDER #: 1B12003

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge / GW=Groundwater S=Soil/Solid / NP=Non-Potable Specify Other	Analyze For: TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 1			2-8-21	1215		3	X		X						GW			X		X
2	MW 2				1237																

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	2-12-21				
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date 2-12-21	Time 920

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	X	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N

by Sampler/Client Rep. ? by Courier? UPS DHL FedEx Lone Star

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

20+1.0 3.0 CF4

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

PBELAB

Analytical Report

Prepared for:

Curt Stanley
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: Monument 10
Project Number: TNM Monument-10
Location:

Lab Order Number: 1E19001

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 06/02/21

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 6	1E19001-01	Water	05/18/21 11:37	05-19-2021 09:00
MW 7	1E19001-02	Water	05/18/21 12:08	05-19-2021 09:00
MW 1	1E19001-03	Water	05/18/21 12:31	05-19-2021 09:00
MW 2	1E19001-04	Water	05/18/21 12:56	05-19-2021 09:00

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

MW 6

1E19001-01 (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	P1E1910	05/19/21 14:23	05/19/21 17:30	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 17:30	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 17:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 17:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 17:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.6 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 17:30*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 17:30*	*EPA 8021B*	

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

MW 7

1E19001-02 (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	P1E1910	05/19/21 14:23	05/19/21 17:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 17:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 17:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 17:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 17:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.9 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 17:51*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 17:51*	*EPA 8021B*	

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

MW 1

1E19001-03 (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	P1E1910	05/19/21 14:23	05/19/21 18:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 18:11*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 18:11*	*EPA 8021B*	

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

MW 2

1E19001-04 (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	P1E1910	05/19/21 14:23	05/19/21 18:31	EPA 8021B	
Toluene	**0.00228**	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:31	EPA 8021B	
Ethylbenzene	**0.00115**	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:31	EPA 8021B	
Xylene (p/m)	**0.00504**	0.00200	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1E1910	05/19/21 14:23	05/19/21 18:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.7 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 18:31*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P1E1910*	*05/19/21 14:23*	*05/19/21 18:31*	*EPA 8021B*	

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

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 P1E1910 - * DEFAULT PREP *** **										
Blank (P1E1910-BLK1)				Prepared & Analyzed: 05/19/21						
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	*0.114*		"	*0.120*		*94.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.4*	*80-120*			
LCS (P1E1910-BS1)				Prepared & Analyzed: 05/19/21						
Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.0956	0.00100	"	0.100		95.6	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		102	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.2*	*80-120*			
LCS Dup (P1E1910-BSD1)				Prepared & Analyzed: 05/19/21						
Benzene	0.114	0.00100	mg/L	0.100		114	80-120	3.66	20	
Toluene	0.0999	0.00100	"	0.100		99.9	80-120	4.32	20	
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120	4.65	20	
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120	4.23	20	
Xylene (o)	0.108	0.00100	"	0.100		108	80-120	4.25	20	
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*99.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Calibration Blank (P1E1910-CCB1)				Prepared & Analyzed: 05/19/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*98.8*	*80-120*			

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

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 P1E1910 - * DEFAULT PREP *** **										
Calibration Blank (P1E1910-CCB2)				Prepared & Analyzed: 05/19/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*94.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Calibration Check (P1E1910-CCV1)				Prepared & Analyzed: 05/19/21						
Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.0944	0.00100	"	0.100		94.4	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*99.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Calibration Check (P1E1910-CCV2)				Prepared & Analyzed: 05/19/21						
Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.0978	0.00100	"	0.100		97.8	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*98.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
Calibration Check (P1E1910-CCV3)				Prepared: 05/19/21 Analyzed: 05/20/21						
Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.0991	0.00100	"	0.100		99.1	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			

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

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 P1E1910 - * DEFAULT PREP *** **										
Matrix Spike (P1E1910-MS1)	**Source: 1E19001-01**			Prepared & Analyzed: 05/19/21						
Benzene	0.118	0.00100	mg/L	0.100	ND	118	80-120			
Toluene	0.103	0.00100	"	0.100	ND	103	80-120			
Ethylbenzene	0.111	0.00100	"	0.100	ND	111	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200	ND	110	80-120			
Xylene (o)	0.112	0.00100	"	0.100	ND	112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*80-120*			
Matrix Spike Dup (P1E1910-MSD1)	**Source: 1E19001-01**			Prepared & Analyzed: 05/19/21						
Benzene	0.118	0.00100	mg/L	0.100	ND	118	80-120	0.0338	20	
Toluene	0.102	0.00100	"	0.100	ND	102	80-120	1.28	20	
Ethylbenzene	0.109	0.00100	"	0.100	ND	109	80-120	1.47	20	
Xylene (p/m)	0.217	0.00200	"	0.200	ND	108	80-120	1.64	20	
Xylene (o)	0.110	0.00100	"	0.100	ND	110	80-120	1.60	20	
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			

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

Notes and Definitions

ROI	Received on Ice
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:  Date: 6/2/2021

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-686-7235

Project Manager: Curt Stanley
Company Name: TRC
Company Address: 10 Desta Dr
City/State/Zip: Midland Tx 79705
Telephone No: 432) 520-7720 Fax No:
Sampler Signature: Manuel Herrera e-mail:

Project Name: Monument 10
Project #:
Project Loc:
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1E19001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 6			5-18-21	1137			X		X						GW				X	X		X
2	MW 7				1208																		
3	MW 1				1231																		
4	MW 2				1256																		

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	5-19-21	9:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
			Alexa Bledsoe	5/19/21	9:00

Laboratory Comments:
Sample Containers Intact? Y
VOCs Free of Headspace? Y
Labels on container(s) Y
Custody seals on container(s) N
Custody seals on cooler(s) N
Sample Hand Delivered by Sampler/Client Rep. ? N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 4.2 °C
Adjusted: 5.2 °C Factor +1

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

PBELAB

Analytical Report

Prepared for:

Curt Stanley
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: Monument 10
Project Number: TNM Monument-10
Location:

Lab Order Number: 1H20004

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 08/30/21

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 1	1H20004-01	Water	08/16/21 12:25	08-20-2021 08:36
MW 2	1H20004-02	Water	08/16/21 12:56	08-20-2021 08:36

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

MW 1

1H20004-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00306**	0.00100	mg/L	1	P1H2402	08/24/21 09:40	08/24/21 15:11	EPA 8021B	
Toluene	**0.0175**	0.00100	mg/L	1	P1H2402	08/24/21 09:40	08/24/21 15:11	EPA 8021B	
Ethylbenzene	**0.0108**	0.00100	mg/L	1	P1H2402	08/24/21 09:40	08/24/21 15:11	EPA 8021B	
Xylene (p/m)	**0.0548**	0.00200	mg/L	1	P1H2402	08/24/21 09:40	08/24/21 15:11	EPA 8021B	
Xylene (o)	**0.0254**	0.00100	mg/L	1	P1H2402	08/24/21 09:40	08/24/21 15:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.3 %*	*80-120*		*P1H2402*	*08/24/21 09:40*	*08/24/21 15:11*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P1H2402*	*08/24/21 09:40*	*08/24/21 15:11*	*EPA 8021B*	

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

MW 2

1H20004-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00249**	0.00100	mg/L	1	P1H2402	08/24/21 09:40	08/24/21 15:32	EPA 8021B	
Toluene	**0.00559**	0.00100	mg/L	1	P1H2402	08/24/21 09:40	08/24/21 15:32	EPA 8021B	
Ethylbenzene	**0.00286**	0.00100	mg/L	1	P1H2402	08/24/21 09:40	08/24/21 15:32	EPA 8021B	
Xylene (p/m)	**0.0144**	0.00200	mg/L	1	P1H2402	08/24/21 09:40	08/24/21 15:32	EPA 8021B	
Xylene (o)	**0.00286**	0.00100	mg/L	1	P1H2402	08/24/21 09:40	08/24/21 15:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-120*		*P1H2402*	*08/24/21 09:40*	*08/24/21 15:32*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.4 %*	*80-120*		*P1H2402*	*08/24/21 09:40*	*08/24/21 15:32*	*EPA 8021B*	

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

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 P1H2402 - * DEFAULT PREP *** **										
Blank (P1H2402-BLK1)				Prepared & Analyzed: 08/24/21						
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	*0.118*		"	*0.120*		*98.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.0*	*80-120*			
LCS (P1H2402-BS1)				Prepared & Analyzed: 08/24/21						
Benzene	0.0876	0.00100	mg/L	0.100		87.6	80-120			
Toluene	0.0918	0.00100	"	0.100		91.8	80-120			
Ethylbenzene	0.0932	0.00100	"	0.100		93.2	80-120			
Xylene (p/m)	0.187	0.00200	"	0.200		93.6	80-120			
Xylene (o)	0.0849	0.00100	"	0.100		84.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*94.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.109*		"	*0.120*		*91.2*	*80-120*			
LCS Dup (P1H2402-BSD1)				Prepared & Analyzed: 08/24/21						
Benzene	0.0906	0.00100	mg/L	0.100		90.6	80-120	3.34	20	
Toluene	0.0926	0.00100	"	0.100		92.6	80-120	0.857	20	
Ethylbenzene	0.0940	0.00100	"	0.100		94.0	80-120	0.951	20	
Xylene (p/m)	0.188	0.00200	"	0.200		94.2	80-120	0.570	20	
Xylene (o)	0.0846	0.00100	"	0.100		84.6	80-120	0.366	20	
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		"	*0.120*		*92.1*	*80-120*			
Calibration Blank (P1H2402-CCB1)				Prepared & Analyzed: 08/24/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*97.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.6*	*80-120*			

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

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 P1H2402 - * DEFAULT PREP *** **										
Calibration Blank (P1H2402-CCB2)				Prepared & Analyzed: 08/24/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.8*	*80-120*			
Calibration Check (P1H2402-CCV1)				Prepared & Analyzed: 08/24/21						
Benzene	0.0888	0.00100	mg/L	0.100		88.8	80-120			
Toluene	0.0938	0.00100	"	0.100		93.8	80-120			
Ethylbenzene	0.0926	0.00100	"	0.100		92.6	80-120			
Xylene (p/m)	0.187	0.00200	"	0.200		93.6	80-120			
Xylene (o)	0.0868	0.00100	"	0.100		86.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*91.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		*"*	*0.120*		*91.7*	*80-120*			
Calibration Check (P1H2402-CCV2)				Prepared & Analyzed: 08/24/21						
Benzene	0.0841	0.00100	mg/L	0.100		84.1	80-120			
Toluene	0.0856	0.00100	"	0.100		85.6	80-120			
Ethylbenzene	0.0808	0.00100	"	0.100		80.8	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.0	80-120			
Xylene (o)	0.0808	0.00100	"	0.100		80.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*95.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.8*	*80-120*			
Calibration Check (P1H2402-CCV3)				Prepared: 08/24/21 Analyzed: 08/25/21						
Benzene	0.101	0.00100	mg/L				80-120			
Toluene	0.104	0.00100	"				80-120			
Ethylbenzene	0.100	0.00100	"				80-120			
Xylene (p/m)	0.201	0.00200	"				80-120			
Xylene (o)	0.0932	0.00100	"				80-120			
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*88.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.4*	*80-120*			

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

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 P1H2402 - * DEFAULT PREP *** **										
Duplicate (P1H2402-DUP1)	**Source: 1H09006-01**			Prepared & Analyzed: 08/24/21						
Benzene	0.0639	0.00100	mg/L					200	20	
Toluene	0.0652	0.00100	"					200	20	
Ethylbenzene	0.0507	0.00100	"					200	20	
Xylene (p/m)	0.0733	0.00200	"					200	20	
Xylene (o)	0.0296	0.00100	"					200	20	
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		*"*	*0.120*		*91.4*	*80-120*			
Matrix Spike (P1H2402-MS1)	**Source: 1H20003-01**			Prepared & Analyzed: 08/24/21						
Benzene	0.0879	0.00100	mg/L	0.100	ND	87.9	80-120			
Toluene	0.0912	0.00100	"	0.100	ND	91.2	80-120			
Ethylbenzene	0.0884	0.00100	"	0.100	ND	88.4	80-120			
Xylene (p/m)	0.178	0.00200	"	0.200	ND	88.8	80-120			
Xylene (o)	0.0809	0.00100	"	0.100	ND	80.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.5*	*80-120*			
Matrix Spike Dup (P1H2402-MSD1)	**Source: 1H20003-01**			Prepared & Analyzed: 08/24/21						
Benzene	0.0853	0.00100	mg/L	0.100	ND	85.3	80-120	3.00	20	
Toluene	0.0881	0.00100	"	0.100	ND	88.1	80-120	3.38	20	
Ethylbenzene	0.0864	0.00100	"	0.100	ND	86.4	80-120	2.26	20	
Xylene (p/m)	0.175	0.00200	"	0.200	ND	87.4	80-120	1.60	20	
Xylene (o)	0.0806	0.00100	"	0.100	ND	80.6	80-120	0.297	20	
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.4*	*80-120*			

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

Notes and Definitions

ROI	Received on Ice
pH1	The Regulatory Holding time for pH is < 1 Hour, 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: 8/30/2021

Brent Barron, Laboratory Director/Technical Director

CBCH

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: Curt Stanley
Company Name: TRC
Company Address: 10 Desta Dr
City/State/Zip: Midland Tx 79705
Telephone No: 432-520-7720
Fax No:
Sampler Signature: Manny Hernandez
e-mail:

Project Name: Monument 10
Project #:
Project Loc:
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1H20004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge / GW=Groundwater S=Soil/Solid / NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 1			8-16-21	1225			X		X						GW			X		X
2	MW 2			8-16-21	1256			X		X						GW			X		X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	8-20-21	630			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL	Date	Time
				8/20/21	830

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

5.0 +1.0 60 CFU

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

PBELAB

Analytical Report

Prepared for:

Curt Stanley
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: Monument 10_MNA
Project Number: TNM Monument-10
Location: Lea County, New Mexico

Lab Order Number: 1K30001

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 12/27/21

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	1K30001-01	Water	11/29/21 13:45	11-30-2021 08:37
MW-6	1K30001-02	Water	11/29/21 14:35	11-30-2021 08:37
MW-7	1K30001-03	Water	11/29/21 15:15	11-30-2021 08:37
MW-2	1K30001-04	Water	11/29/21 15:55	11-30-2021 08:37
MW-1	1K30001-05	Water	11/29/21 16:33	11-30-2021 08:37
MW-3A	1K30001-06	Water	11/29/21 18:15	11-30-2021 08:37
MW-5	1K30001-07	Water	11/29/21 17:15	11-30-2021 08:37

LL PAHs by 8270, RSKSOP175, and TOC 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: Curt Stanley

MW-4

1K30001-01 (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	P1L0210	12/02/21 13:59	12/03/21 13:27	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 13:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 13:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 13:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 13:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/03/21 13:27*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/03/21 13:27*	*EPA 8021B*	
Methane	**0.00157**	0.000500	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 09:53	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 09:53	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 09:53	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**5.00**	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	**1.99**	0.200	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 13:31	EPA 300.0	
Sulfate	**90.2**	1.00	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 13:31	EPA 300.0	
Total Organic Carbon	**4.79**	1.00	mg/L	1	P1L1404	12/03/21 00:00	12/03/21 00:33	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:01	EPA 6010B	QAL1
Manganese	**0.0379**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:01	EPA 6010B	QAL1

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

MW-6

1K30001-02 (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	P1L0210	12/02/21 13:59	12/02/21 18:47	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 18:47	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 18:47	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 18:47	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 18:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 18:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 18:47*	*EPA 8021B*	
Methane	**0.00207**	0.000500	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:09	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:09	8015M	SUB-13
Ethene	**0.00187**	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:09	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**18.0**	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 13:50	EPA 300.0	
Sulfate	**22.2**	1.00	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 13:50	EPA 300.0	
Total Organic Carbon	**8.36**	1.00	mg/L	1	P1L1404	12/03/21 00:00	12/03/21 00:49	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.0276**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:05	EPA 6010B	QAL1
Manganese	**0.0730**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:05	EPA 6010B	QAL1

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

MW-7

1K30001-03 (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	P1L0210	12/02/21 13:59	12/02/21 19:08	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.4 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 19:08*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.1 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 19:08*	*EPA 8021B*	
Methane	**0.00135**	0.000500	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:19	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:19	8015M	SUB-13
Ethene	**0.00219**	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:19	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**9.00**	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	**0.595**	0.200	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 14:09	EPA 300.0	
Sulfate	**51.6**	1.00	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 14:09	EPA 300.0	
Total Organic Carbon	**4.64**	1.00	mg/L	1	P1L1404	12/03/21 00:00	12/11/21 02:46	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.0201**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:09	EPA 6010B	QAL1
Manganese	**0.0903**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:09	EPA 6010B	QAL1

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

MW-2

1K30001-04 (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	P1L0210	12/02/21 13:59	12/02/21 19:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 19:28*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.1 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 19:28*	*EPA 8021B*	
Methane	**0.102**	0.00250	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 11:16	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:28	8015M	SUB-13
Ethene	**0.00111**	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:28	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	ND	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	**0.874**	0.200	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 14:28	EPA 300.0	
Sulfate	**43.4**	1.00	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 14:28	EPA 300.0	
Total Organic Carbon	**1.59**	1.00	mg/L	1	P1L1404	12/03/21 00:00	12/11/21 03:18	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.0247**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:13	EPA 6010B	QAL1
Manganese	**0.132**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:13	EPA 6010B	QAL1

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

MW-1

1K30001-05 (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	P1L0210	12/02/21 13:59	12/02/21 19:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 19:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.9 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 19:49*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 19:49*	*EPA 8021B*	
Methane	**0.348**	0.0125	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 11:28	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:37	8015M	SUB-13
Ethene	**0.00377**	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:37	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**69.0**	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 14:47	EPA 300.0	
Sulfate	**3.78**	1.00	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 14:47	EPA 300.0	
Total Organic Carbon	**25.7**	1.00	mg/L	1	P1L1404	12/03/21 00:00	12/11/21 03:34	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.472**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:17	EPA 6010B	QAL1
Manganese	**1.56**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:17	EPA 6010B	QAL1

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

MW-3A

1K30001-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00187**	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 20:10	EPA 8021B	
Toluene	**0.00220**	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 20:10	EPA 8021B	
Ethylbenzene	**0.00217**	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 20:10	EPA 8021B	
Xylene (p/m)	**0.00908**	0.00200	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 20:10	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 20:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 20:10*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 20:10*	*EPA 8021B*	
Methane	**0.343**	0.0125	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 11:35	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:47	8015M	SUB-13
Ethene	**0.00334**	0.00100	mg/L	1	P1L1404	12/09/21 09:00	12/09/21 10:47	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**17.0**	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 15:06	EPA 300.0	
Sulfate	ND	1.00	mg/L	1	P1K3005	11/30/21 09:55	11/30/21 15:06	EPA 300.0	
Total Organic Carbon	**8.02**	1.00	mg/L	1	P1L1404	12/03/21 00:00	12/11/21 03:50	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**2.91**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:21	EPA 6010B	QAL1
Manganese	**2.70**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:21	EPA 6010B	QAL1
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.018**	0.0012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:30	8270C	SUB-13
2-Methylnaphthalene	**0.010**	0.0012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:30	8270C	SUB-13
Acenaphthene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Acenaphthylene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Anthracene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Benzo (a) anthracene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Benzo (a) pyrene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Chrysene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Dibenzofuran	**0.0024**	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Fluoranthene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Fluorene	**0.0020**	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Naphthalene	**0.0085**	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Phenanthrene	**0.0015**	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	SUB-13
Pyrene	ND	0.00012	mg/L	1	P1L1404	12/02/21 10:21	12/10/21 15:10	8270C	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: Curt Stanley

MW-5

1K30001-07 (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	P1L0210	12/02/21 13:59	12/02/21 21:14	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 21:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 21:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 21:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 21:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 21:14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*80-120*		*P1L0210*	*12/02/21 13:59*	*12/02/21 21:14*	*EPA 8021B*	

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

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 P1L0210 - * DEFAULT PREP *** **										
Blank (P1L0210-BLK1)				Prepared & Analyzed: 12/02/21						
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	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.5*	*80-120*			
LCS (P1L0210-BS1)				Prepared & Analyzed: 12/02/21						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0939	0.00100	"	0.100		93.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.6*	*80-120*			
LCS Dup (P1L0210-BSD1)				Prepared & Analyzed: 12/02/21						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120	4.65	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	5.21	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	6.38	20	
Xylene (p/m)	0.221	0.00200	"	0.200		111	80-120	5.28	20	
Xylene (o)	0.0983	0.00100	"	0.100		98.3	80-120	4.56	20	
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.7*	*80-120*			
Calibration Check (P1L0210-CCV1)				Prepared & Analyzed: 12/02/21						
Benzene	0.0992	0.00100	mg/L	0.100		99.2	80-120			
Toluene	0.0979	0.00100	"	0.100		97.9	80-120			
Ethylbenzene	0.0980	0.00100	"	0.100		98.0	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0922	0.00100	"	0.100		92.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*105*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.5*	*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: Curt Stanley

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 P1L0210 - * DEFAULT PREP *** **										
Calibration Check (P1L0210-CCV2)				Prepared & Analyzed: 12/02/21						
Benzene	0.0945	0.00100	mg/L	0.100		94.5	80-120			
Toluene	0.0923	0.00100	"	0.100		92.3	80-120			
Ethylbenzene	0.0913	0.00100	"	0.100		91.3	80-120			
Xylene (p/m)	0.191	0.00200	"	0.200		95.5	80-120			
Xylene (o)	0.0867	0.00100	"	0.100		86.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.8*	*80-120*			
Calibration Check (P1L0210-CCV3)				Prepared: 12/02/21 Analyzed: 12/03/21						
Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0966	0.00100	"	0.100		96.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*80-120*			
Matrix Spike (P1L0210-MS1)		**Source: 1K22005-02**		Prepared: 12/02/21 Analyzed: 12/03/21						
Benzene	1.05	0.00100	mg/L	0.100	0.765	289	80-120			QM-05
Toluene	1.77	0.00100	"	0.100	1.15	621	80-120			QM-05
Ethylbenzene	0.176	0.00100	"	0.100	0.0235	153	80-120			QM-05
Xylene (p/m)	0.981	0.00200	"	0.200	0.373	304	80-120			QM-05
Xylene (o)	0.375	0.00100	"	0.100	0.109	265	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*96.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Matrix Spike Dup (P1L0210-MSD1)		**Source: 1K22005-02**		Prepared: 12/02/21 Analyzed: 12/03/21						
Benzene	1.03	0.00100	mg/L	0.100	0.765	269	80-120	7.21	20	QM-05
Toluene	1.73	0.00100	"	0.100	1.15	580	80-120	6.86	20	QM-05
Ethylbenzene	0.172	0.00100	"	0.100	0.0235	148	80-120	3.23	20	QM-05
Xylene (p/m)	0.967	0.00200	"	0.200	0.373	297	80-120	2.35	20	QM-05
Xylene (o)	0.372	0.00100	"	0.100	0.109	263	80-120	0.946	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.5*	*80-120*			
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: Curt Stanley

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 P1K3005 - * DEFAULT PREP *** **										
Blank (P1K3005-BLK1)				Prepared & Analyzed: 11/30/21						
Nitrate as N	ND	0.200	mg/L							
Sulfate	ND	1.00	"							
LCS (P1K3005-BS1)				Prepared: 11/30/21 Analyzed: 12/03/21						
Sulfate	39.8	1.00	mg/L	40.0		99.5	90-110			
Nitrate as N	3.65	0.200	"	4.00		91.2	90-110			
LCS Dup (P1K3005-BSD1)				Prepared: 11/30/21 Analyzed: 12/03/21						
Sulfate	39.8	1.00	mg/L	40.0		99.5	90-110	0.0603	10	
Nitrate as N	3.65	0.200	"	4.00		91.2	90-110	0.0274	10	
Calibration Blank (P1K3005-CCB1)				Prepared & Analyzed: 11/30/21						
Sulfate	-0.441		mg/L							
Nitrate as N	-0.00900		"							
Calibration Check (P1K3005-CCV1)				Prepared & Analyzed: 11/30/21						
Sulfate	20.9		mg/L	20.0		105	90-110			
Nitrate as N	1.80		"	2.00		90.2	90-110			
Calibration Check (P1K3005-CCV2)				Prepared & Analyzed: 11/30/21						
Sulfate	21.3		mg/L	20.0		107	90-110			
Nitrate as N	1.89		"	2.00		94.6	90-110			
Matrix Spike (P1K3005-MS1)	**Source: 1K19004-01**			Prepared & Analyzed: 11/30/21						
Sulfate	ND	1.00	mg/L	25.0	2380	NR	80-120			QM-05
Nitrate as N	ND	0.200	"	5.00	ND		80-120			QM-05
Matrix Spike Dup (P1K3005-MSD1)	**Source: 1K19004-01**			Prepared & Analyzed: 11/30/21						
Nitrate as N	ND	0.200	mg/L	5.00	ND		80-120		20	QM-05
Sulfate	ND	1.00	"	25.0	2380	NR	80-120		20	QM-05

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

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 P1L0811 - * DEFAULT PREP *** **										
Blank (P1L0811-BLK1)				Prepared & Analyzed: 12/14/21						
Chemical Oxygen Demand	ND	1.10	mg/L							QAL1
LCS (P1L0811-BS1)				Prepared & Analyzed: 12/14/21						
Chemical Oxygen Demand	95.0	1.10	mg/L	100		95.0	80-120			QAL1
LCS Dup (P1L0811-BSD1)				Prepared & Analyzed: 12/14/21						
Chemical Oxygen Demand	106	1.10	mg/L	100		106	80-120	10.9	20	QAL1
Duplicate (P1L0811-DUP1)		**Source: 1K30001-01**		Prepared & Analyzed: 12/14/21						
Chemical Oxygen Demand	5.00	1.10	mg/L		5.00			0.00	20	QAL1
Duplicate (P1L0811-DUP2)		**Source: 1L03001-05**		Prepared & Analyzed: 12/14/21						
Chemical Oxygen Demand	20.0	1.10	mg/L		20.0			0.00	20	QAL1
Matrix Spike (P1L0811-MS1)		**Source: 1K30001-01**		Prepared & Analyzed: 12/14/21						
Chemical Oxygen Demand	115	1.10	mg/L	100	5.00	110	80-120			QAL1
Matrix Spike Dup (P1L0811-MSD1)		**Source: 1K30001-01**		Prepared & Analyzed: 12/14/21						
Chemical Oxygen Demand	115	1.10	mg/L	100	5.00	110	80-120	0.00	20	QAL1

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

Dissolved Metals 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 P1L0304 - * DEFAULT PREP *** **										
Blank (P1L0304-BLK1)				Prepared & Analyzed: 12/03/21						
Manganese	0.00155	0.0200	mg/L							J, QAL1
Iron	ND	0.0200	"							QAL1
LCS (P1L0304-BS1)				Prepared & Analyzed: 12/03/21						
Iron	0.407	0.0200	mg/L	0.400		102	80-120			QAL1
Manganese	0.0899	0.0200	"	0.0800		112	85-115			QAL1
LCS Dup (P1L0304-BSD1)				Prepared & Analyzed: 12/03/21						
Iron	0.398	0.0200	mg/L	0.400		99.4	80-120	2.30	20	QAL1
Manganese	0.0904	0.0200	"	0.0800		113	85-115	0.553	20	QAL1
Calibration Blank (P1L0304-CCB2)				Prepared & Analyzed: 12/03/21						
Manganese	0.00155		mg/L							QAL1
Iron	0.00742		"							QAL1
Calibration Blank (P1L0304-CCB3)				Prepared & Analyzed: 12/03/21						
Manganese	0.00144		mg/L							QAL1
Iron	0.0101		"							QAL1
Calibration Check (P1L0304-CCV1)				Prepared & Analyzed: 12/03/21						
Iron	0.389	0.0200	mg/L	0.400		97.2	90-110			QAL1
Manganese	0.0869	0.0200	"	0.0800		109	90-110			QAL1
Calibration Check (P1L0304-CCV2)				Prepared & Analyzed: 12/03/21						
Iron	0.385	0.0200	mg/L	0.400		96.3	90-110			QAL1
Manganese	0.0879	0.0200	"	0.0800		110	90-110			QAL1
Calibration Check (P1L0304-CCV3)				Prepared & Analyzed: 12/03/21						
Manganese	0.0898	0.0200	mg/L	0.0800		112	90-110			QAL1
Iron	0.377	0.0200	"	0.400		94.2	90-110			QAL1

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

Dissolved Metals 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 P1L0304 - * DEFAULT PREP *** **										
Matrix Spike (P1L0304-MS1)	**Source: 1K30001-01**			Prepared & Analyzed: 12/03/21						
Iron	0.439	0.0200	mg/L	0.400	0.00633	108	75-125			QAL1
Manganese	0.121	0.0200	"	0.0800	0.0379	104	75-125			QAL1
Matrix Spike Dup (P1L0304-MSD1)	**Source: 1K30001-01**			Prepared & Analyzed: 12/03/21						
Iron	0.425	0.0200	mg/L	0.400	0.00633	105	75-125	3.28	20	QAL1
Manganese	0.124	0.0200	"	0.0800	0.0379	108	75-125	2.45	20	QAL1

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

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.
QAL1	The Laboratory is not TNI Certified for this analyte or analysis.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
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: 12/27/2021

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: Curt Stanley

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720 Fax No:

Sampler Signature: Curt Stanley for Scott Stanley

e-mail: cdstanley@trcsolutions.com, cjbryant@paalp.com, algroves@paalp.com

Project Name: Monument 10

Project #: TNM Monument 10

Project Loc: Lea County, New Mexico

PO #:

Report Format: Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 1K300101

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 SM 5310	Dossolved Methane, ethane, and ethene by RSK-175	Total Diss Metals (Fe and Mn) by SW60	Nitrate and sulfate by E300	COD by SM5310	Total BTEX by 8260	PAH	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	MW-4			11/29/2021	1345	1	9	X	X	X	X					GW		X	X	X	X	X	X			X
-02	MW-6			11/29/2021	1435	1	9	X	X	X	X					GW		X	X	X	X	X	X			X
-03	MW-7			11/29/2021	1515	1	9	X	X	X	X					GW		X	X	X	X	X	X			X
-04	MW-2			11/29/2021	1555	1	9	X	X	X	X					GW		X	X	X	X	X	X			X
-05	MW-1			11/29/2021	1633	1	9	X	X	X	X					GW		X	X	X	X	X	X			X
-06	MW-3A			11/29/2021	1815	1	12	X	X	X	X					GW		X	X	X	X	X	X	X		X

Special Instructions:
BILL TO PLAINS

Relinquished by: Curt Stanley	Date 11/30/21	Time 0837	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date 11/30/21	Time 837

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. ? by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 3.9/4.2 °C
Adjusted: °C Factor 1

22

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720 Fax No:

Sampler Signature: for SCOTT STANLEY e-mail: cdstanley@trcsolutions.com, cjbryant@paalp.com, algroves@paalp.com

Project Name: Monument 10

Project #: TNM Monument 10

Project Loc: Lea County, New Mexico

PO #:

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

(lab use only)

ORDER #: 1K30001

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 SM 5310	Dossolved Methane, ethane, and ethene by RSK-175	Total Diss Metals (Fe and Mn) by SW60	Nitrate and sulfate by E300	COD by SM5310	Total BTEX by 8260	PAH	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-07	MW-5			11/29/2021	1715		3	X		X						GW							X			X

Special Instructions:

BILL TO PLAINS

Relinquished by:	Date 11/30/21	Time 0837	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date 11/30/21	Time 1140/21

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 by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: 3.2 °C
Adjusted: 4.2 °C Factor 3.2/4.2

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

December 13, 2021

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

Work Order: **HS21120050**

Laboratory Results for: **1K30001**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Dec 01, 2021 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,

Bernadette Fini

Generated By: DAYNA.FISHER
Bernadette A. Fini
Project Manager

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
Work Order: HS21120050

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21120050-01	1K30001-01	Water		29-Nov-2021 13:45	01-Dec-2021 10:40	☐
HS21120050-02	1K30001-02	Water		29-Nov-2021 14:35	01-Dec-2021 10:40	☐
HS21120050-03	1K30001-03	Water		29-Nov-2021 15:15	01-Dec-2021 10:40	☐
HS21120050-04	1K30001-04	Water		29-Nov-2021 15:55	01-Dec-2021 10:40	☐
HS21120050-05	1K30001-05	Water		29-Nov-2021 16:33	01-Dec-2021 10:40	☐
HS21120050-06	1K30001-06	Water		29-Nov-2021 18:15	01-Dec-2021 10:40	☐

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 1K30001
Work Order: HS21120050

GC Semivolatiles by Method RSK-175

Batch ID: R397389

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

GCMS Semivolatiles by Method SW8270

Batch ID: 173096

Sample ID: LCSD-173096

- The RPD between the LCS and LCSD was outside of the control limit.

WetChemistry by Method E415.1

Batch ID: R396914,R397440

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

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
Sample ID: 1K30001-01
Collection Date: 29-Nov-2021 13:45

ANALYTICAL REPORT
WorkOrder:HS21120050
Lab ID:HS21120050-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	ND		1.00	ug/L	1	09-Dec-2021 09:53
Ethene	ND		1.00	ug/L	1	09-Dec-2021 09:53
Methane	**1.57**		**0.500**	**ug/L**	1	09-Dec-2021 09:53
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**4.79**		**1.00**	**mg/L**	1	03-Dec-2021 00:33

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

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
Sample ID: 1K30001-02
Collection Date: 29-Nov-2021 14:35

ANALYTICAL REPORT
WorkOrder:HS21120050
Lab ID:HS21120050-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	ND		1.00	ug/L	1	09-Dec-2021 10:09
Ethene	**1.87**		**1.00**	**ug/L**	1	09-Dec-2021 10:09
Methane	**2.07**		**0.500**	**ug/L**	1	09-Dec-2021 10:09
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**8.36**		**1.00**	**mg/L**	1	03-Dec-2021 00:49

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

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
Sample ID: 1K30001-03
Collection Date: 29-Nov-2021 15:15

ANALYTICAL REPORT
WorkOrder:HS21120050
Lab ID:HS21120050-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	ND		1.00	ug/L	1	09-Dec-2021 10:19
Ethene	**2.19**		**1.00**	**ug/L**	1	09-Dec-2021 10:19
Methane	**1.35**		**0.500**	**ug/L**	1	09-Dec-2021 10:19
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**4.64**		**1.00**	**mg/L**	1	11-Dec-2021 02:46

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

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
Sample ID: 1K30001-04
Collection Date: 29-Nov-2021 15:55

ANALYTICAL REPORT
WorkOrder:HS21120050
Lab ID:HS21120050-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	ND		1.00	ug/L	1	09-Dec-2021 10:28
Ethene	**1.11**		**1.00**	**ug/L**	1	09-Dec-2021 10:28
Methane	**102**		**2.50**	**ug/L**	5	09-Dec-2021 11:16
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**1.59**		**1.00**	**mg/L**	1	11-Dec-2021 03:18

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

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
Sample ID: 1K30001-05
Collection Date: 29-Nov-2021 16:33

ANALYTICAL REPORT
WorkOrder:HS21120050
Lab ID:HS21120050-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	ND		1.00	ug/L	1	09-Dec-2021 10:37
Ethene	**3.77**		**1.00**	**ug/L**	1	09-Dec-2021 10:37
Methane	**348**		**12.5**	**ug/L**	25	09-Dec-2021 11:28
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**25.7**		**1.00**	**mg/L**	1	11-Dec-2021 03:34

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

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
Sample ID: 1K30001-06
Collection Date: 29-Nov-2021 18:15

ANALYTICAL REPORT
WorkOrder:HS21120050
Lab ID:HS21120050-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		**Method:SW8270**		Prep:SW3511 / 02-Dec-2021		Analyst: JLJ
1-Methylnaphthalene	**18.4**	n	**1.23**	**ug/L**	10	10-Dec-2021 15:30
2-Methylnaphthalene	**10.1**		**1.23**	**ug/L**	10	10-Dec-2021 15:30
Acenaphthene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Acenaphthylene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Anthracene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Benz(a)anthracene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Benzo(a)pyrene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Benzo(b)fluoranthene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Benzo(g,h,i)perylene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Benzo(k)fluoranthene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Chrysene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Dibenz(a,h)anthracene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Dibenzofuran	**2.39**		**0.123**	**ug/L**	1	10-Dec-2021 15:10
Fluoranthene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Fluorene	**1.97**		**0.123**	**ug/L**	1	10-Dec-2021 15:10
Indeno(1,2,3-cd)pyrene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Naphthalene	**8.53**		**0.123**	**ug/L**	1	10-Dec-2021 15:10
Phenanthrene	**1.50**		**0.123**	**ug/L**	1	10-Dec-2021 15:10
Pyrene	ND		0.123	ug/L	1	10-Dec-2021 15:10
Surr: 2-Fluorobiphenyl	*91.7*		*32-130*	*%REC*	*1*	*10-Dec-2021 15:10*
Surr: 2-Fluorobiphenyl	*80.5*		*32-130*	*%REC*	*10*	*10-Dec-2021 15:30*
Surr: 4-Terphenyl-d14	*105*		*40-135*	*%REC*	*1*	*10-Dec-2021 15:10*
Surr: 4-Terphenyl-d14	*92.0*		*40-135*	*%REC*	*10*	*10-Dec-2021 15:30*
Surr: Nitrobenzene-d5	*103*		*45-142*	*%REC*	*1*	*10-Dec-2021 15:10*
Surr: Nitrobenzene-d5	*91.6*		*45-142*	*%REC*	*10*	*10-Dec-2021 15:30*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	ND		1.00	ug/L	1	09-Dec-2021 10:47
Ethene	**3.34**		**1.00**	**ug/L**	1	09-Dec-2021 10:47
Methane	**343**		**12.5**	**ug/L**	25	09-Dec-2021 11:35
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**8.02**		**1.00**	**mg/L**	1	11-Dec-2021 03:50

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
WorkOrder: HS21120050

Batch ID: 173096 **Start Date:** 02 Dec 2021 10:21 **End Date:** 02 Dec 2021 13:30
Method: SW3511 **Prep Code:** 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21120050-06	1	26.74 (mL)	2 (mL)	0.07479	40 mL Amber

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
WorkOrder: HS21120050

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 173096 (0)	**Test Name :** LOW-LEVEL PAHS - 8270D				**Matrix:** Water	
HS21120050-06	1K30001-06	29 Nov 2021 18:15		02 Dec 2021 10:21	10 Dec 2021 15:30	10
HS21120050-06	1K30001-06	29 Nov 2021 18:15		02 Dec 2021 10:21	10 Dec 2021 15:10	1
Batch ID: R396914 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS21120050-01	1K30001-01	29 Nov 2021 13:45			03 Dec 2021 00:33	1
HS21120050-02	1K30001-02	29 Nov 2021 14:35			03 Dec 2021 00:49	1
Batch ID: R397389 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS21120050-01	1K30001-01	29 Nov 2021 13:45			09 Dec 2021 09:53	1
HS21120050-02	1K30001-02	29 Nov 2021 14:35			09 Dec 2021 10:09	1
HS21120050-03	1K30001-03	29 Nov 2021 15:15			09 Dec 2021 10:19	1
HS21120050-04	1K30001-04	29 Nov 2021 15:55			09 Dec 2021 11:16	5
HS21120050-04	1K30001-04	29 Nov 2021 15:55			09 Dec 2021 10:28	1
HS21120050-05	1K30001-05	29 Nov 2021 16:33			09 Dec 2021 11:28	25
HS21120050-05	1K30001-05	29 Nov 2021 16:33			09 Dec 2021 10:37	1
HS21120050-06	1K30001-06	29 Nov 2021 18:15			09 Dec 2021 11:35	25
HS21120050-06	1K30001-06	29 Nov 2021 18:15			09 Dec 2021 10:47	1
Batch ID: R397440 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS21120050-03	1K30001-03	29 Nov 2021 15:15			11 Dec 2021 02:46	1
HS21120050-04	1K30001-04	29 Nov 2021 15:55			11 Dec 2021 03:18	1
HS21120050-05	1K30001-05	29 Nov 2021 16:33			11 Dec 2021 03:34	1
HS21120050-06	1K30001-06	29 Nov 2021 18:15			11 Dec 2021 03:50	1

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
WorkOrder: HS21120050

QC BATCH REPORT

Batch ID: R397389 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-211209** Units: **ug/L** Analysis Date: **09-Dec-2021 09:15**
Client ID: Run ID: **FID-4_397389** SeqNo: **6415615** 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-211209** Units: **ug/L** Analysis Date: **09-Dec-2021 09:23**
Client ID: Run ID: **FID-4_397389** SeqNo: **6415616** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	17.67	1.00	18.04	0	97.9	75 - 125				
Ethene	17.83	1.00	16.8	0	106	75 - 125				
Methane	9.039	0.500	9.647	0	93.7	75 - 125				

LCSD Sample ID: **LCSD-211209** Units: **ug/L** Analysis Date: **09-Dec-2021 09:31**
Client ID: Run ID: **FID-4_397389** SeqNo: **6415617** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	17.16	1.00	18.04	0	95.1	75 - 125	17.67	2.94	30	
Ethene	16.22	1.00	16.8	0	96.6	75 - 125	17.83	9.45	30	
Methane	9.005	0.500	9.647	0	93.3	75 - 125	9.039	0.375	30	

The following samples were analyzed in this batch: HS21120050-01 HS21120050-02 HS21120050-03 HS21120050-04 HS21120050-05 HS21120050-06

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
WorkOrder: HS21120050

QC BATCH REPORT

Batch ID: 173096 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

MBLK Sample ID: **MBLK-173096** Units: **ug/L** Analysis Date: **08-Dec-2021 16:47**
Client ID: Run ID: **SV-6_397212** SeqNo: **6417973** PrepDate: **02-Dec-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	0.100								
2-Methylnaphthalene	ND	0.100								
Acenaphthene	ND	0.100								
Acenaphthylene	ND	0.100								
Anthracene	ND	0.100								
Benz(a)anthracene	ND	0.100								
Benzo(a)pyrene	ND	0.100								
Benzo(b)fluoranthene	ND	0.100								
Benzo(g,h,i)perylene	ND	0.100								
Benzo(k)fluoranthene	ND	0.100								
Chrysene	ND	0.100								
Dibenz(a,h)anthracene	ND	0.100								
Dibenzofuran	ND	0.100								
Fluoranthene	ND	0.100								
Fluorene	ND	0.100								
Indeno(1,2,3-cd)pyrene	ND	0.100								
Naphthalene	ND	0.100								
Phenanthrene	ND	0.100								
Pyrene	ND	0.100								
Surr: 2-Fluorobiphenyl	*1.656*	*0.100*	*3.03*	*0*	*54.6*	*32 - 130*				
Surr: 4-Terphenyl-d14	*2.424*	*0.100*	*3.03*	*0*	*80.0*	*40 - 135*				
Surr: Nitrobenzene-d5	*1.833*	*0.100*	*3.03*	*0*	*60.5*	*45 - 142*				

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
WorkOrder: HS21120050

QC BATCH REPORT

Batch ID: 173096 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCS Sample ID: **LCS-173096** Units: **ug/L** Analysis Date: **08-Dec-2021 17:07**
Client ID: Run ID: **SV-6_397212** SeqNo: **6417974** PrepDate: **02-Dec-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	1.776	0.100	3.03	0	58.6	40 - 140				
2-Methylnaphthalene	1.524	0.100	3.03	0	50.3	40 - 140				
Acenaphthene	3.087	0.100	3.03	0	102	40 - 140				
Acenaphthylene	1.475	0.100	3.03	0	48.7	40 - 140				
Anthracene	1.823	0.100	3.03	0	60.2	40 - 140				
Benz(a)anthracene	1.565	0.100	3.03	0	51.6	40 - 140				
Benzo(a)pyrene	1.627	0.100	3.03	0	53.7	40 - 140				
Benzo(b)fluoranthene	1.436	0.100	3.03	0	47.4	40 - 140				
Benzo(g,h,i)perylene	1.681	0.100	3.03	0	55.5	40 - 140				
Benzo(k)fluoranthene	1.542	0.100	3.03	0	50.9	40 - 140				
Chrysene	1.494	0.100	3.03	0	49.3	40 - 140				
Dibenz(a,h)anthracene	1.581	0.100	3.03	0	52.2	40 - 140				
Dibenzofuran	1.494	0.100	3.03	0	49.3	40 - 140				
Fluoranthene	1.493	0.100	3.03	0	49.3	40 - 140				
Fluorene	1.496	0.100	3.03	0	49.4	40 - 140				
Indeno(1,2,3-cd)pyrene	1.494	0.100	3.03	0	49.3	40 - 140				
Naphthalene	1.631	0.100	3.03	0	53.8	40 - 140				
Phenanthrene	1.602	0.100	3.03	0	52.9	40 - 140				
Pyrene	1.483	0.100	3.03	0	49.0	40 - 140				
Surr: 2-Fluorobiphenyl	*1.565*	*0.100*	*3.03*	*0*	*51.6*	*32 - 130*				
Surr: 4-Terphenyl-d14	*2.728*	*0.100*	*3.03*	*0*	*90.0*	*40 - 135*				
Surr: Nitrobenzene-d5	*1.464*	*0.100*	*3.03*	*0*	*48.3*	*45 - 142*				

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
WorkOrder: HS21120050

QC BATCH REPORT

Batch ID: 173096 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCSD Sample ID: **LCSD-173096** Units: **ug/L** Analysis Date: **08-Dec-2021 17:27**
Client ID: Run ID: **SV-6_397212** SeqNo: **6417975** PrepDate: **02-Dec-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	2.471	0.100	3.03	0	81.5	40 - 140	1.776	32.7	25	R
2-Methylnaphthalene	2.101	0.100	3.03	0	69.3	40 - 140	1.524	31.8	25	R
Acenaphthene	2.815	0.100	3.03	0	92.9	40 - 140	3.087	9.23	25	
Acenaphthylene	1.433	0.100	3.03	0	47.3	40 - 140	1.475	2.91	25	
Anthracene	1.428	0.100	3.03	0	47.1	40 - 140	1.823	24.3	25	
Benz(a)anthracene	1.405	0.100	3.03	0	46.4	40 - 140	1.565	10.7	25	
Benzo(a)pyrene	1.5	0.100	3.03	0	49.5	40 - 140	1.627	8.15	25	
Benzo(b)fluoranthene	1.47	0.100	3.03	0	48.5	40 - 140	1.436	2.39	25	
Benzo(g,h,i)perylene	1.587	0.100	3.03	0	52.4	40 - 140	1.681	5.76	25	
Benzo(k)fluoranthene	1.429	0.100	3.03	0	47.2	40 - 140	1.542	7.63	25	
Chrysene	1.764	0.100	3.03	0	58.2	40 - 140	1.494	16.6	25	
Dibenz(a,h)anthracene	1.366	0.100	3.03	0	45.1	40 - 140	1.581	14.5	25	
Dibenzofuran	1.577	0.100	3.03	0	52.1	40 - 140	1.494	5.43	25	
Fluoranthene	1.382	0.100	3.03	0	45.6	40 - 140	1.493	7.7	25	
Fluorene	1.531	0.100	3.03	0	50.5	40 - 140	1.496	2.3	25	
Indeno(1,2,3-cd)pyrene	1.392	0.100	3.03	0	45.9	40 - 140	1.494	7.11	25	
Naphthalene	1.714	0.100	3.03	0	56.6	40 - 140	1.631	4.91	25	
Phenanthrene	1.401	0.100	3.03	0	46.2	40 - 140	1.602	13.3	25	
Pyrene	1.783	0.100	3.03	0	58.8	40 - 140	1.483	18.3	25	
Surr: 2-Fluorobiphenyl	*1.035*	*0.100*	*3.03*	*0*	*34.2*	*32 - 130*	*1.565*	*40.7*	*25*	R
Surr: 4-Terphenyl-d14	*1.625*	*0.100*	*3.03*	*0*	*53.6*	*40 - 135*	*2.728*	*50.7*	*25*	R
Surr: Nitrobenzene-d5	*1.725*	*0.100*	*3.03*	*0*	*56.9*	*45 - 142*	*1.464*	*16.4*	*25*	

The following samples were analyzed in this batch: HS21120050-06

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
WorkOrder: HS21120050

QC BATCH REPORT

Batch ID: R396914 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-12012021** Units: **mg/L** Analysis Date: **02-Dec-2021 20:30**
Client ID: Run ID: **TOC_04_396914** SeqNo: **6404551** 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-12012021** Units: **mg/L** Analysis Date: **02-Dec-2021 20:46**
Client ID: Run ID: **TOC_04_396914** SeqNo: **6404552** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.42	1.00	10	0	104	85 - 115				

LCSD Sample ID: **LCSD-12012021** Units: **mg/L** Analysis Date: **02-Dec-2021 21:02**
Client ID: Run ID: **TOC_04_396914** SeqNo: **6404553** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.48	1.00	10	0	105	85 - 115	10.42	0.574	20	

MS Sample ID: **HS21111479-01MS** Units: **mg/L** Analysis Date: **02-Dec-2021 21:35**
Client ID: Run ID: **TOC_04_396914** SeqNo: **6404555** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	17.01	1.00	10	7.123	98.9	80 - 120				

The following samples were analyzed in this batch: HS21120050-01 HS21120050-02

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
WorkOrder: HS21120050

QC BATCH REPORT

Batch ID: R397440 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-12102021** Units: **mg/L** Analysis Date: **11-Dec-2021 01:57**
Client ID: Run ID: **TOC_04_397440** SeqNo: **6416947** 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-12102021** Units: **mg/L** Analysis Date: **11-Dec-2021 02:13**
Client ID: Run ID: **TOC_04_397440** SeqNo: **6416948** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.92	1.00	10	0	109	85 - 115				

LCSD Sample ID: **LCSD-12102021** Units: **mg/L** Analysis Date: **11-Dec-2021 02:29**
Client ID: Run ID: **TOC_04_397440** SeqNo: **6416949** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.99	1.00	10	0	110	85 - 115	10.92	0.639	20	

MS Sample ID: **HS21120050-03MS** Units: **mg/L** Analysis Date: **11-Dec-2021 03:02**
Client ID: **1K30001-03** Run ID: **TOC_04_397440** SeqNo: **6416951** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	15.72	1.00	10	4.644	111	80 - 120				

The following samples were analyzed in this batch: HS21120050-03 HS21120050-04 HS21120050-05 HS21120050-06

ALS Houston, US Date: 13-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1K30001
WorkOrder: **HS21120050**

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: 13-Dec-21

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	21-022-0	26-Mar-2022
Dept of Defense	PJLA L20-507-R2	22-Dec-2021
Florida	E87611-33	30-Jun-2022
Illinois	2000322021-7	09-May-2022
Kansas	E-10352 2021-2022	31-Jul-2022
Kentucky	123043, 2021-2022	30-Apr-2022
Louisiana	03087, 2021-2022	30-Jun-2022
North Carolina	624-2021	31-Dec-2021
Texas	T104704231-21-28	30-Apr-2022

ALS Houston, US Date: 13-Dec-21

Sample Receipt Checklist

Work Order ID: HS21120050 **Date/Time Received:** 01-Dec-2021 10:40

Client Name: Permian Basin Lab **Received by:** Pablo Marinez

Completed By:	/S/ Jared R. Makan	01-Dec-2021 17:58	**Reviewed by:**	/S/ Bernadette A. Fini	02-Dec-2021 12:24
	eSignature	Date/Time		eSignature	Date/Time

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	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):	1.8°C UC/C	IR31
Cooler(s)/Kit(s):	Blue	
Date/Time sample(s) sent to storage:	12/01/2021 18:00	

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: Bottle count differs for sample 1K30001-06: COC has 4 containers, received 7.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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: Brent Barron
Company Name: Permian Basin Environmental Lab, LP
Company Address: 1400 Rankin Hwy
City/State/Zip: Midland, Texas 79701
Telephone No: 432-686-7235 Fax No:
Sampler Signature: e-mail: brentbarron@gmail.com

Project Name: Subcontract
Project #: PBELAB
Project Loc: Midland, Texas
PO #:
Report Format: 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	Preservation & # of Containers: Ice	HNO_3 250 ml Poly	HCl 3 Voa Vials	H_2SO_4 2x250 poly 1 500mL Amber	NaOH 500mL poly	$Na_2S_2O_3$	None 3 Amber VOA vials	NaOH/ZnAc	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TOC SM5310	RSK-175 Methane, Ethane, Ethene	LL PAH by 8270	7 day TAT
	1K30001-01			11/29/21	1345		4	x		X				X		Water	X	X		x
	1K30001-02			11/29/21	1435		4	X		X				X		Water	X	X		
	1K30001-03			11/29/21	1515		4	X		X				X		Water	X	X		
	1K30001-04			11/29/21	1555		4	X		X				X		Water	X	X		
	1K30001-05			11/29/21	1633		4	X		X				X		Water	X	X		
	1K30001-06			11/29/21	1815		4	X		X				X		Water	X	X	X	

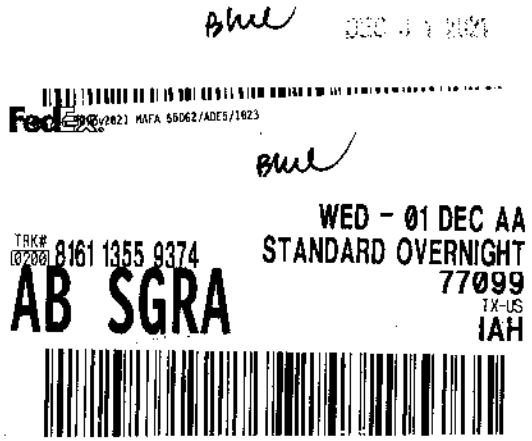
HS2112050
Permian Basin Environmental Lab, LP
1K30001

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Brent Barron	11/30/2021	1600			
Relinquished by:	Date	Time	Received by: Patti Moore	Date 12-1-21	Time 10:40
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: 1.2 °C
Adjusted: °C Factor

Blue Line



APPENDIX B:
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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 93019

CONDITIONS

Operator:	OGRID:
PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	34053
	Action Number: 93019
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2021 ANNUAL MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by NMOCD and are as follows; 1. Continue quarterly monitoring and groundwater sampling in 2022 2. Continue manual product recovery and gauging on a monthly schedule 3. Complete sampling from MW-3A for PAH analysis when PSH is not observed in the well 4. Complete low-flow sampling of MNA parameters from MW-1, MW-2, MW-3A, MW-4, MW-6, and MW-7, during each quarterly sampling event. 5. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.	8/3/2022