Review of 2020 ANNUAL MONITORING REPORT: **Content satisfactory**

Contractor anticipated actions approved by NMOCD and are as follows;

1. Continue gauging monitor wells MW-1, MW-2, MW-10, MW-12, and MW-13 and aggressively pump on a monthly schedule in 2022 reporting period
2. Continue collecting quarterly groundwater samples in 2022
3. Continue sampling for PAH analysis from monitor wells MW-1, MW-2, MW-10, and MW-13
4. Conducted low-flow sampling of MNA parameters on monitor wells MW-5, MW-3, MW-13, MW-10, MW-6, and MW-12 during each quarterly sampling event.
5. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.

REVIEWED
By Nelson Velez at 2:20 pm, Aug 03, 2022

TRC

2021
ANNUAL MONITORING REPORT

TNM 98-05A
SW 1/4 NW 1/4 OF SECTION 26, TOWNSHIP 21 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM 98-05A
NMOCD Reference AP-12
INCIDENT # nAPP2109544011

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March 2022

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INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2021 Annual Groundwater 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 1st of each year. Beginning on May 29, 2004, project management responsibilities were assumed by TRC, previously NOVA Safety and Environmental (NOVA). This report is intended to be viewed as a complete document with figures, attachments, tables, and text. The report presents the results of four (4) quarterly groundwater monitoring/sampling events conducted at the TNM 98-05A crude oil Release Site (the Site), located in Lea County, New Mexico. The Site, formerly the responsibility of Enron Oil Trading and Transportation (EOTT) is now the responsibility of Plains. For reference, the Site Location Map is provided as Figure 1.

Groundwater gauging and sampling was conducted during each quarter of 2021 to assess the levels and extent of Phase Separated Hydrocarbons (PSH) and dissolved phase constituents. The groundwater monitoring events consisted of measuring static water levels in the monitor wells and purging and sampling of each well exhibiting sufficient recharge. Monitor wells were not sampled if a measurable thickness of PSH was detected during gauging activities, with the exception of the 4th quarter, due to monitored natural attenuation (MNA) sampling activities.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The Site is located approximately two (2) miles northeast of the city of Eunice, New Mexico. The legal description of the site is SW ¼, NW ¼, Section 26, Township 21 South, Range 37 East (Figure 1). On February 5, 1998, an estimated thirty-eight (38) barrels of crude oil were released from a six (6) inch crude oil pipeline. Approximately four (4) barrels of crude oil were recovered during the initial response activities. The release was attributed to internal corrosion of the pipeline. The Release Notification and Corrective Action Form (C-141) is provided as Appendix B. Approximately 3,300 cubic yards of impacted soil was excavated and applied to an on-site treatment cell. In December 2004, a Site Restoration Work Plan and Proposed Soil Closure Strategy Report was submitted to the NMOCD. The report was approved by the NMOCD in a letter dated June 2, 2005. In October 2005, additional excavation along the east sidewall was completed, the excavation was backfilled with remediated soil, and the site was graded to fit the surrounding topography. In December 2005, a Soil Closure Request was submitted to the NMOCD and approved in a letter dated January 31, 2006, which concurred no further action was necessary with regard to soil remediation at the TNM 98-05A Release Site.

During the October 2005 excavation backfilling activities, monitor well MW-4 was damaged and could not be repaired. On January 9, 2006, Plains representatives requested and received NMOCD approval to plug and abandon monitor well MW-4. On March 6, 2006, monitor well MW-4 was plugged and abandoned by a New Mexico licensed water well driller, utilizing New Mexico Office of the State Engineer approved plugging and abandonment procedures.

On February 5, 2014, two (2) additional four (4) inch monitor wells (MW-12 and MW-13) were installed at the TNM 98-05A Release Site.

In the 2nd quarter of 2015, an automated PSH recovery system utilizing skimmer pumps was installed onsite. The skimmer pumps were installed in monitor wells MW-2, MW-10, and MW-13 to assist in PSH recovery. In the 3rd quarter of 2018, the automated PSH recovery system utilizing skimmer pumps was decommissioned due to declining PSH thicknesses.

On November 18, 2015, Plains excavated and visually inspected the abandoned eight (8) inch diameter pipeline, which was the source of the TNM 98-05A release. The area excavated began immediately south of monitor well MW-1 and continued approximately fifty (50) feet to the west of monitor well MW-1. Based on visual and olfactory evidence, it appears no secondary releases have occurred from the Plains pipeline.

Currently, there are twelve (12) monitor wells (MW-1 through MW-3, and MW-5 through MW-13) onsite.

FIELD ACTIVITIES

Product Recovery Efforts

No measurable thicknesses of PSH were observed in the onsite monitor wells during the 2021 reporting period. Approximately 2,989.24 gallons (71.17 barrels) of PSH have been recovered since project inception. Groundwater Elevation data is provided as Table 1.

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 correspondence dated January 19, 2006 and March 24, 2020. The table below illustrates the current groundwater sampling schedule approved by the NMOCD.

NMOCD Approved Sampling Schedule							
MW-1	Quarterly	MW-5	Annually	MW-9	Annually	MW-13	Quarterly
MW-2	Quarterly	MW-6	Semi-Annually	MW-10	Quarterly		
MW-3	Annually	MW-7	Annually	MW-11	Annually		
MW-4	P &A	MW-8	Annually	MW-12	Quarterly		

Quarterly sampling events for the calendar year 2021 were conducted on February 4, June 16-17, September 24, November 30, and December 1-2, 2021. Each quarterly sampling event consisted of gauging all wells and purging and sampling monitor wells as per the approved sampling schedule. During each sampling event, the monitor wells were purged of a minimum of three (3) well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos pump. 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-5, MW-3, MW-13, MW-10, MW-6, and MW-12 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-5, MW-3, MW-13, MW-10, MW-6, and MW-12) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

The most recent inferred groundwater gradient, Figure 2D, indicated a general gradient of approximately 0.005 feet/foot to the southeast as measured between monitor wells MW-5 and MW-6. Inferred Groundwater Gradient Maps prepared during the 1st, 2nd, and 3rd quarters indicated the inferred groundwater gradient was 0.004 feet/foot. The corrected groundwater elevations ranged between 3,344.23 and 3,345.57 feet above mean sea level, in monitor well MW-6 on November 30, 2021, and monitor well MW-5 on April 26, 2021, respectively. Groundwater elevation data for the calendar year 2021 is provided in Table 1. Historical groundwater elevation data beginning at project inception is summarized in Table 4.

LABORATORY RESULTS

Groundwater samples collected during the four (4) quarters of 2021 reporting period were delivered to Permian Basin Environmental Laboratories in Midland, Texas for determination of BTEX constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270 was conducted during the 2021 calendar year on monitor wells MW-2, MW-3, and MW-10. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above NMWQCC Drinking Water Standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. Please note, PAH analysis during the 4th quarter sampling event for monitor wells MW-1 and MW-13 was inadvertently omitted. A listing of BTEX constituent concentrations for 2021 are 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 the 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 0.0355 mg/L during the 4th quarter to 0.0794 mg/L during the 1st quarter. Benzene concentrations were above 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 3rd and 4th quarter to 0.00871 mg/L during the 1st quarter. 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, 3rd, and 4th quarters to 0.00187 mg/L during the 1st quarter. 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 2nd, 3rd, and 4th quarters to 0.00456 mg/L during the 1st quarter. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis during the 4th quarter sampling event was inadvertently omitted.

Monitor well MW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0614 mg/L during the 4th quarter to 0.562 mg/L during the 3rd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00171 mg/L during the 4th quarter to 0.0426 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 0.00313 mg/L during the 4th quarter to 0.0602 mg/L during the 3rd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00712 mg/L during the 4th quarter to 0.2499 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for chrysene (0.00022 mg/L).

Monitor well MW-3 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and below the NMOCD regulatory guidelines during the 4th quarter. PAH analysis during the 4th quarter sampling event indicated all PAH constituent concentrations were below NMWQCC Drinking Water Standards.

Please note, monitor well MW-3 was selected as MNA parameter well and is located in the "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-3 stabilized at a pH of 7.85, a temperature of 19.10°C, Conductivity of 1.76 mhos/cm, ORP of 42 mV, DO of 5.64 mg/L, and turbidity of 371 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-3. 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-3. 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-3. Analytical xylene 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-3.

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.

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.

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

Please note, monitor well MW-5 was selected as MNA parameter well and is located 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-5 stabilized at a pH of 7.81, a temperature of 19.70°C, Conductivity of 1.89 mhos/cm, ORP of 35 mV, DO of 5.60 mg/L, and turbidity of 800 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-5. 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-5. 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-5. Analytical xylene 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-5.

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.

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.

Monitor well MW-6 is sampled on a semi-annual schedule and the analytical results indicated benzene, toluene, ethylbenzene, and xylene concentrations were less than the RL and NMOCD regulatory guidelines during the 2nd and 4th quarters. 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 located "down-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-6 stabilized at a pH of 7.26, a temperature of 19.71°C, Conductivity of 2.72 mhos/cm, ORP of 6 mV, DO of 0.00 mg/L, and turbidity of 201 NTU. Analytical benzene 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 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-6. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Increasing" 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 "Increasing" in monitor well MW-6.

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.

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.

Monitor well MW-7 and is sampled on an annual schedule and the 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 2000. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-8 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 2nd quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 1st quarter of 2000. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-9 is sampled on an annual schedule and the 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 2008. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-10 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0732 mg/L during the 4th quarter to 0.524 mg/L during the 2nd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00269 mg/L during the 4th quarter to 0.0360 mg/L during the 2nd quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00252 during the 4th quarter to 0.0922 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00745 mg/L during the 4th quarter to 0.3500 mg/L during the 2nd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0011 mg/L) and phenanthrene (0.0013 mg/L).

Please note, monitor well MW-10 was selected as MNA parameter well and is located in the "downgradient within the plume" location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-32 stabilized at a pH of 7.15, a temperature of 19.38°C, Conductivity of 2.15 mhos/cm, ORP of -159 mV, DO of 0.63 mg/L, and turbidity of 181 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-10. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-10. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-10. 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-10.

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.

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.

Monitor well MW-11 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2005. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-12 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00279 mg/L during the 1st quarter of 2021. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-12 was selected as MNA parameter well and is located "cross gradient of the plume" location. Groundwater samples collected during the 4th quarter were obtained using low -flow sampling techniques. The water quality parameters for monitor well MW-12 stabilized at a pH of 7.39, a temperature of 18.69°C, Conductivity of 2.04 mhos/cm, ORP of -103 mV, DO of 1.80 mg/L, and turbidity which was over range. 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-12. 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-12. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-12. 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-12.

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.

Monitor well MW-13 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 1.05 mg/L during the 1st quarter to 5.99 mg/L during the 3rd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00159 mg/L during the 4th quarter to 0.0604 mg/L during the 1st quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0477 mg/L during the 4th quarter to 0.724 mg/L during the 3rd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.02151 mg/L during the 4th quarter to 0.7357 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event was inadvertently omitted.

Please note, monitor well MW-13 was selected as MNA parameter well and is located in the "center 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-13 stabilized at a pH of 7.17, a temperature of 18.14°C, Conductivity of 2.36 mhos/cm, ORP of -270 mV, DO of 0.00 mg/L, and turbidity of 25.4 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 "Increasing" in monitor well MW-13. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-13. 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-13. 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-13.

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.

Laboratory analytical results were compared to the NMOCD regulatory limits 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

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-5), one (1) well upgradient within the plume (MW-3), one (1) well near the center of the plume (MW-13), one (1) well downgradient within the plume (MW-10), one (1) well downgradient of the plume (MW-6), and one (1) well cross-gradient of the plume center (MW-12).

The six (6) monitor wells (MW-5, MW-3, MW-13, MW-10, MW-6, and MW-12) 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-5, MW-3, MW-6 and MW-12 to 3.86 mg/L for monitor well MW-13. 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-5, MW-3, MW-6, and MW-12 to 0.00269 mg/L for monitor well MW-10. 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-5, MW-3, MW-6 and MW-12 to 0.00477 mg/L for monitor well MW-13. 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-5, MW-3, MW-6 and MW-12 to 0.02151 mg/L for monitor well MW-13. Please reference Table 10 for GSI-MKT xylene results.

The analytical results for concentrations of TOC ranged from 2.20 mg/L for monitor well MW-3, to 7.05 mg/L for monitor well MW-13. Please reference Table 11 for GSI-MKT TOC results.

The analytical results for concentrations of Dissolved Methane ranged from 0.00149 mg/L for monitor well MW-3 to 3.32 mg/L for monitor well MW-13. Please reference Table 12 for GSI-MKT Dissolved Methane results.

The analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-3, MW-6, AND MW-12 to 0.0128 mg/L for monitor well MW-10. Please reference Table 13 for GSI-MKT Dissolved Ethane results.

The analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor wells MW-5, MW-3, MW-13, MW-10, MW-6, and MW-12. Please reference Table 14 for GSI-MKT Dissolved Ethene results.

The analytical results for concentrations of Dissolved Iron (filtered) ranged from 0.0377 mg/L for monitor well MW-6 to 0.732 mg/L for monitor well MW-12. Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results.

The analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.00436 mg/L for monitor well MW-5 to 0.175 mg/L for monitor well MW-10. 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-13, MW-10, and MW-12 to 42.0 mg/L for monitor well MW-6. Please reference Table 17 for GSI-MKT Nitrate results.

The analytical results for concentrations of Sulfate ranged from 42.8 mg/L monitor well MW-10 to 343 mg/L for monitor well MW-6. Please reference Table 18 for GSI-MKT Sulfate results.

The analytical results for concentrations of COD ranged from 2.00 mg/L for monitor well MW-5 to 94.0 mg/L for monitor well MW-12. Please reference Table 19 for GSI-MKT COD results.

SUMMARY

This report presents the results of four (4) quarterly groundwater monitoring and sampling events for the annual monitoring period of calendar year 2021. Currently, there are twelve (12) groundwater monitor wells (MW-1 through MW-3, and MW-5 through MW-13) on site. The most recent inferred groundwater gradient, Figure 2D, indicated a general gradient of approximately 0.005 feet/foot to the southeast.

No measurable thicknesses of PSH were observed in the onsite monitor wells during the 2021 reporting period. Approximately 2,989.24 gallons (71.17 barrels) of PSH have been recovered since project inception. Groundwater Elevation data is provided as Table 1.

During all four (4) quarterly sampling events, benzene concentrations were above the NMOCD regulatory guidelines in monitor wells MW-1, MW-2, MW-10, and MW-13. BTEX concentrations were below the NMOCD regulatory guidelines in eight (8) sampled monitor wells (MW-3, MW-5 through MW-9, MW-11, and MW-12).

ANTICIPATED ACTIONS

Monitor wells MW-1, MW-2, MW-10, MW-12, and MW-13 will be gauged and aggressively pumped on a monthly schedule during the 2022 reporting period.

Quarterly monitoring and groundwater sampling will continue in 2022. Based on the results of previous PAH analysis, Plains will conduct PAH analysis on monitor wells MW-1, MW-2, MW-10, and MW-13.

Low-flow sampling of MNA parameters will be conducted on monitor wells MW-5, MW-3, MW-13, MW-10, MW-6, and MW-12 during each quarterly sampling event. Unforeseen circumstances may require modification of this sampling event.

An Annual Monitoring Report will be submitted to the NMOCD by 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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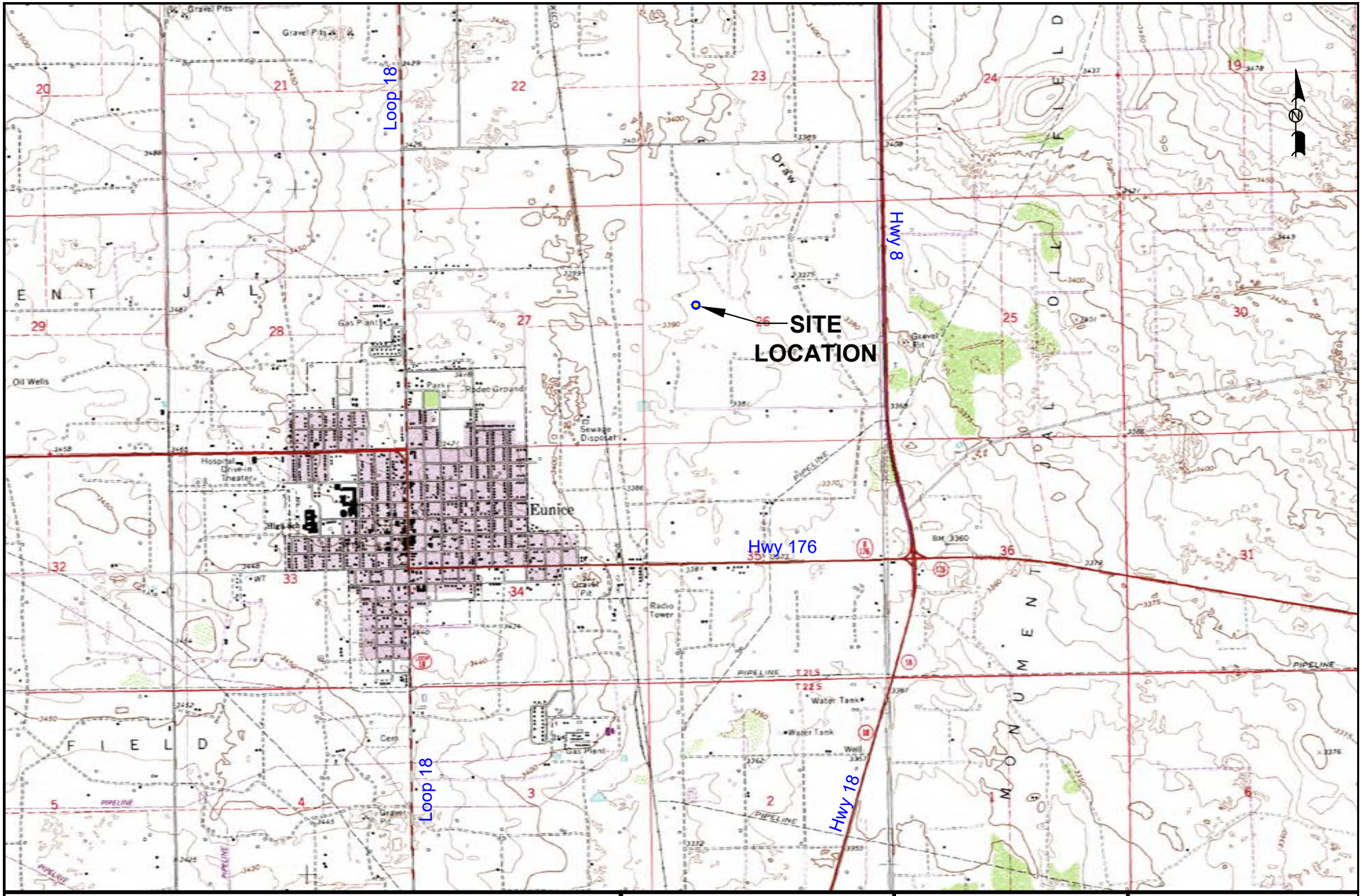
Midland, TX 79705
cdstanley@trccompanies.com

FIGURES



LEGEND:

2000 1000 0 1000 2000

Distance in Feet

Figure 1
Site Location Map
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 2000'	
CAD By: TA	Checked By: CS
Draft: October 20, 2020	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	

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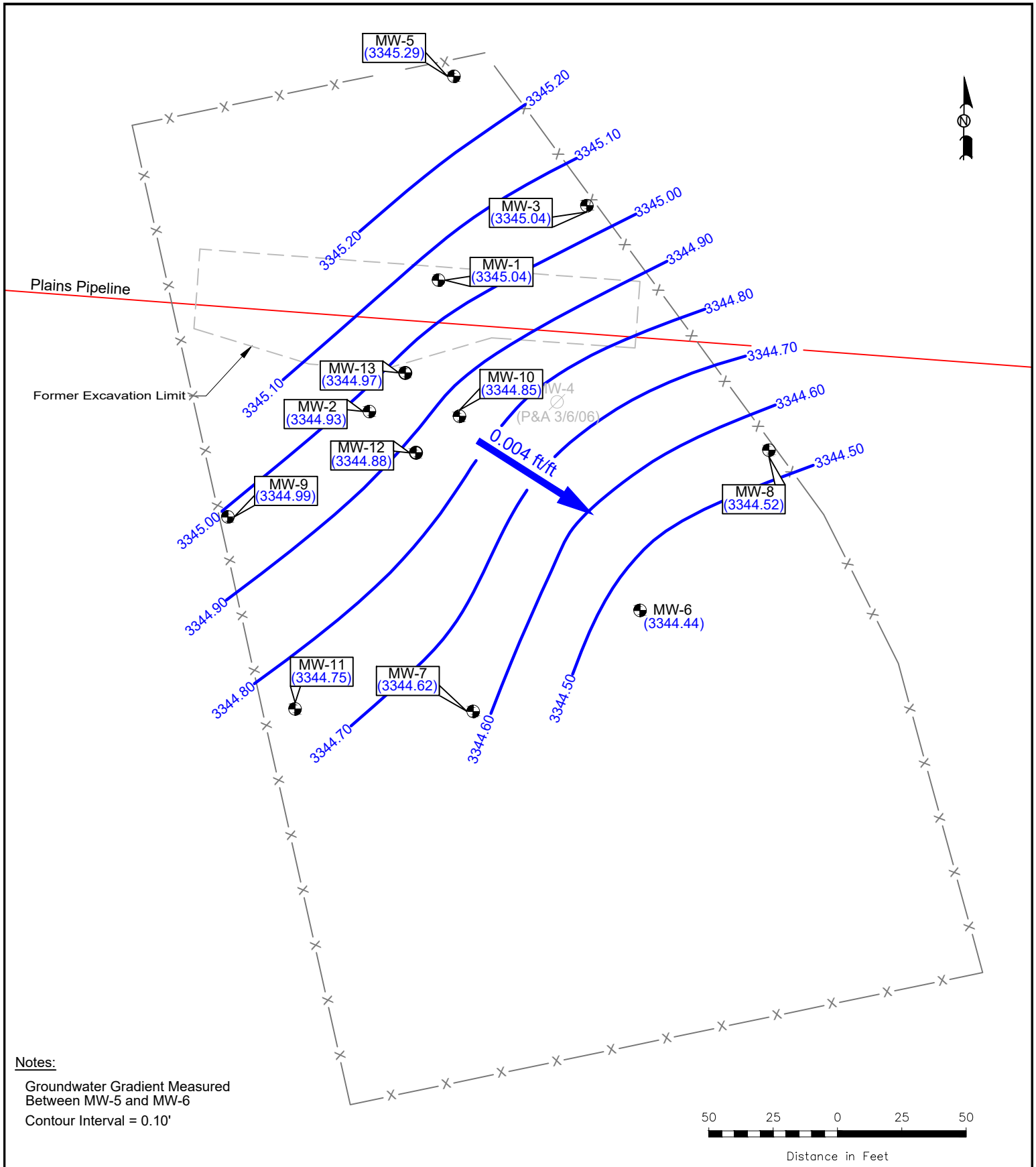
Midland, Texas 79705
432.520.7720



LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- Fence
- Pipeline
- Former Excavation Limits

Figure 2A
Inferred Groundwater Gradient Map
(2/4/2021)
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: May 3, 2021	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	

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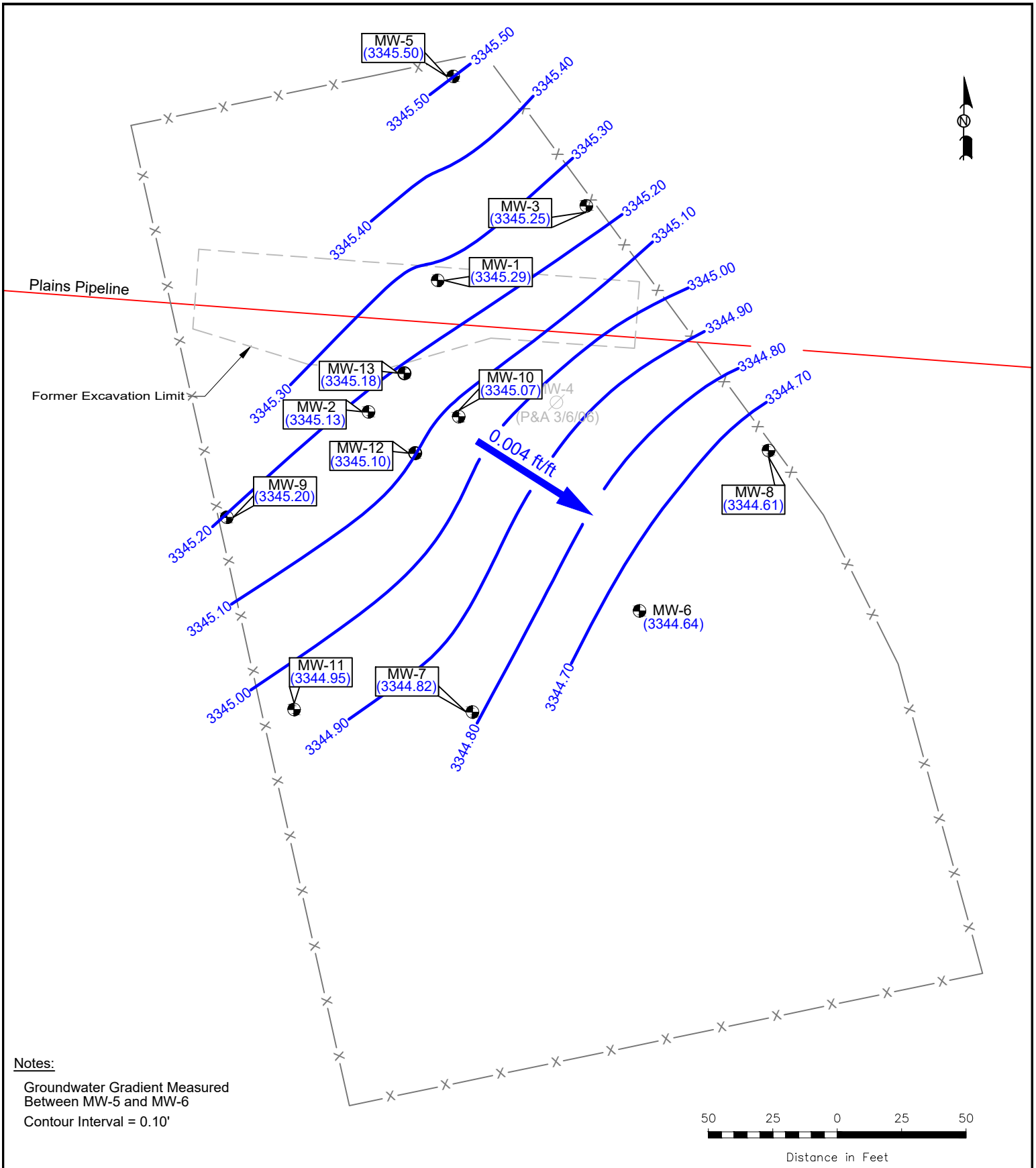

Notes:

Groundwater Gradient Measured Between MW-5 and MW-6

Contour Interval = 0.10'

LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- Fence
- Pipeline
- Former Excavation Limits

Figure 2B
Inferred Groundwater Gradient Map
(6/16/2021 - 6/17/2021)
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: June 29, 2021	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	

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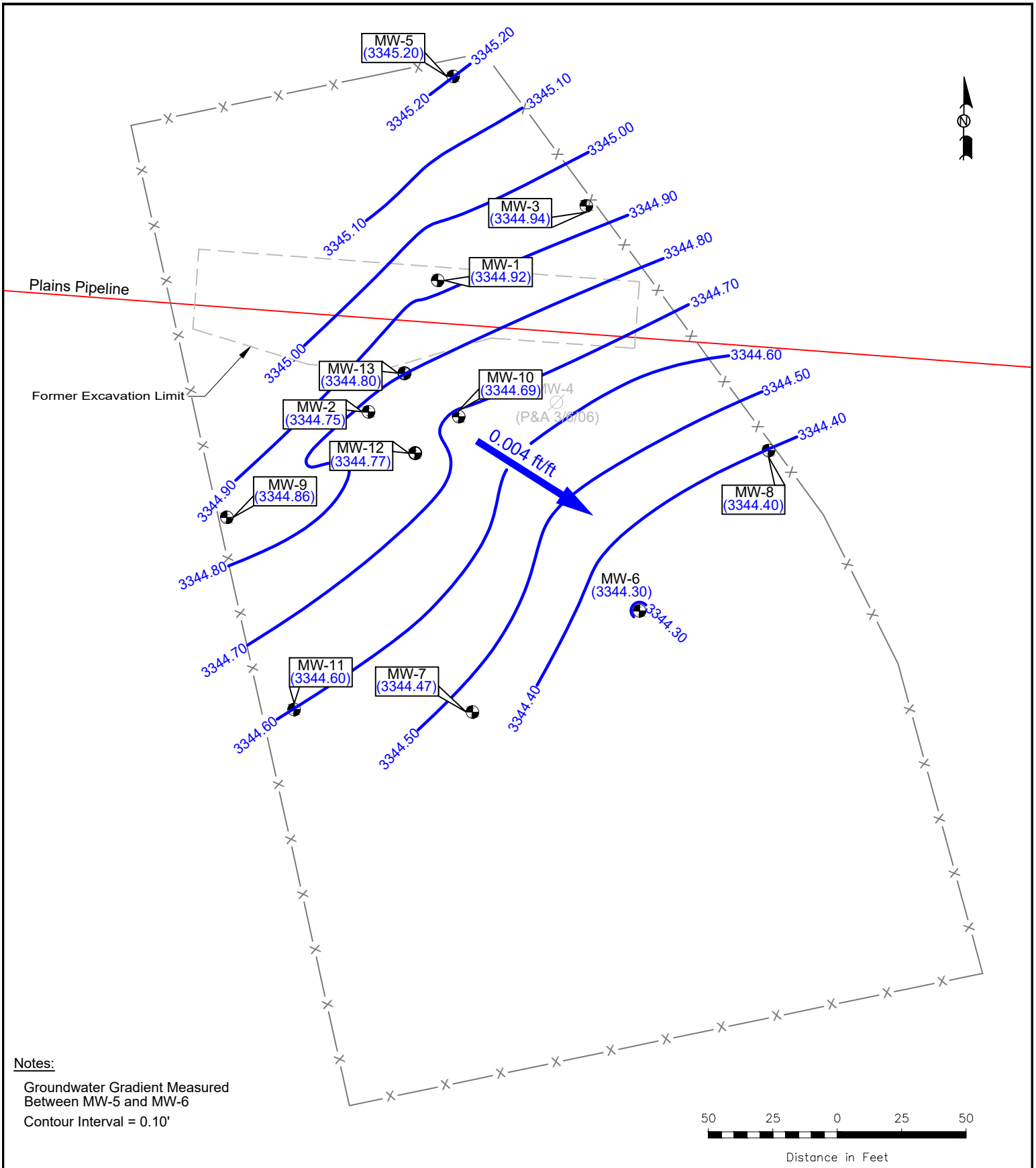

LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- Fence
- Pipeline
- Former Excavation Limits

Figure 2C
Inferred Groundwater Gradient Map
(9/24/2021)
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: September 30, 2021	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	

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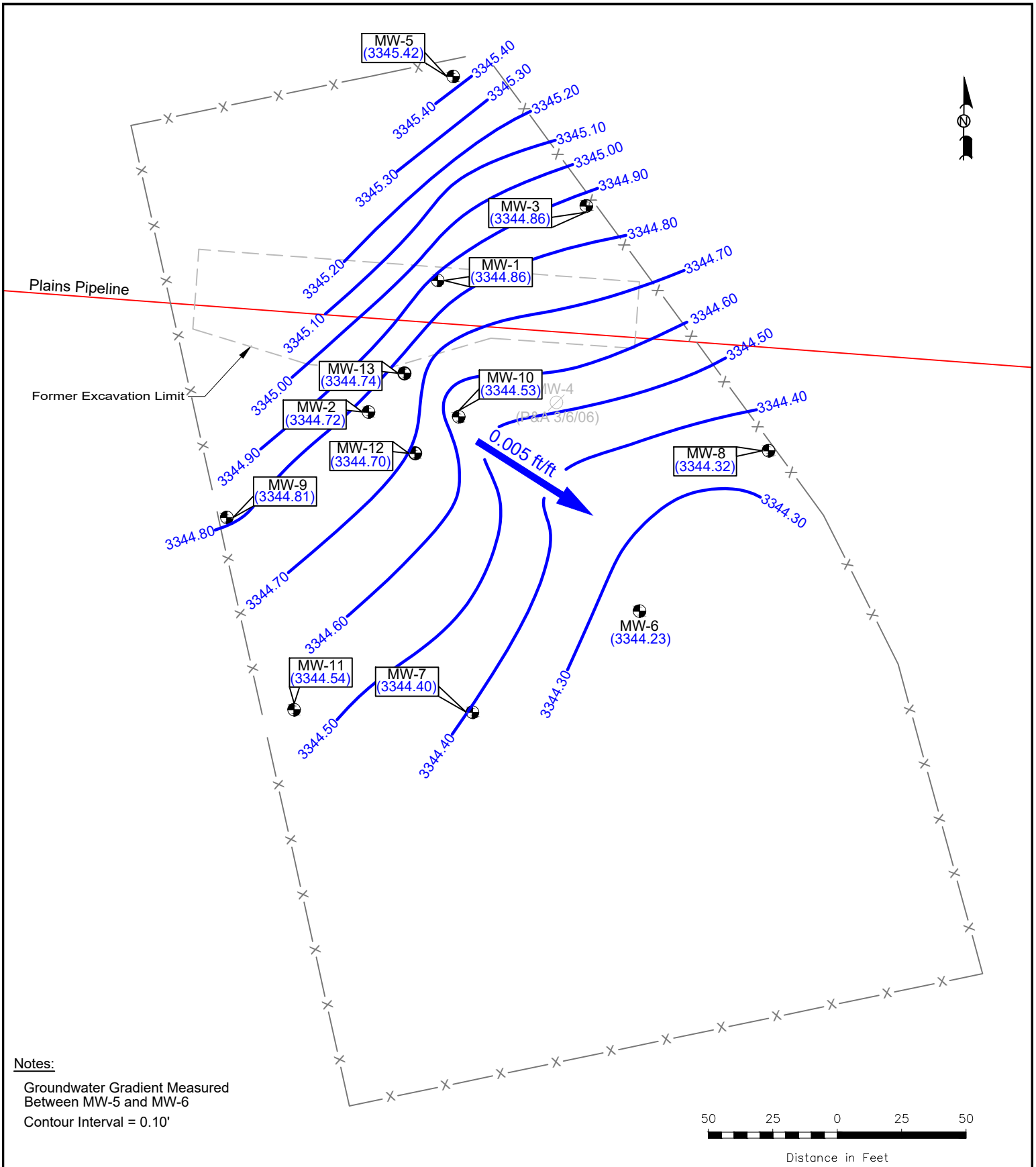

Notes:

Groundwater Gradient Measured Between MW-5 and MW-6

Contour Interval = 0.10'

LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- Fence
- Pipeline
- Former Excavation Limits
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line

Figure 2D
Inferred Groundwater Gradient Map
(11/30-12/1/2021)
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: December 20, 2021	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	

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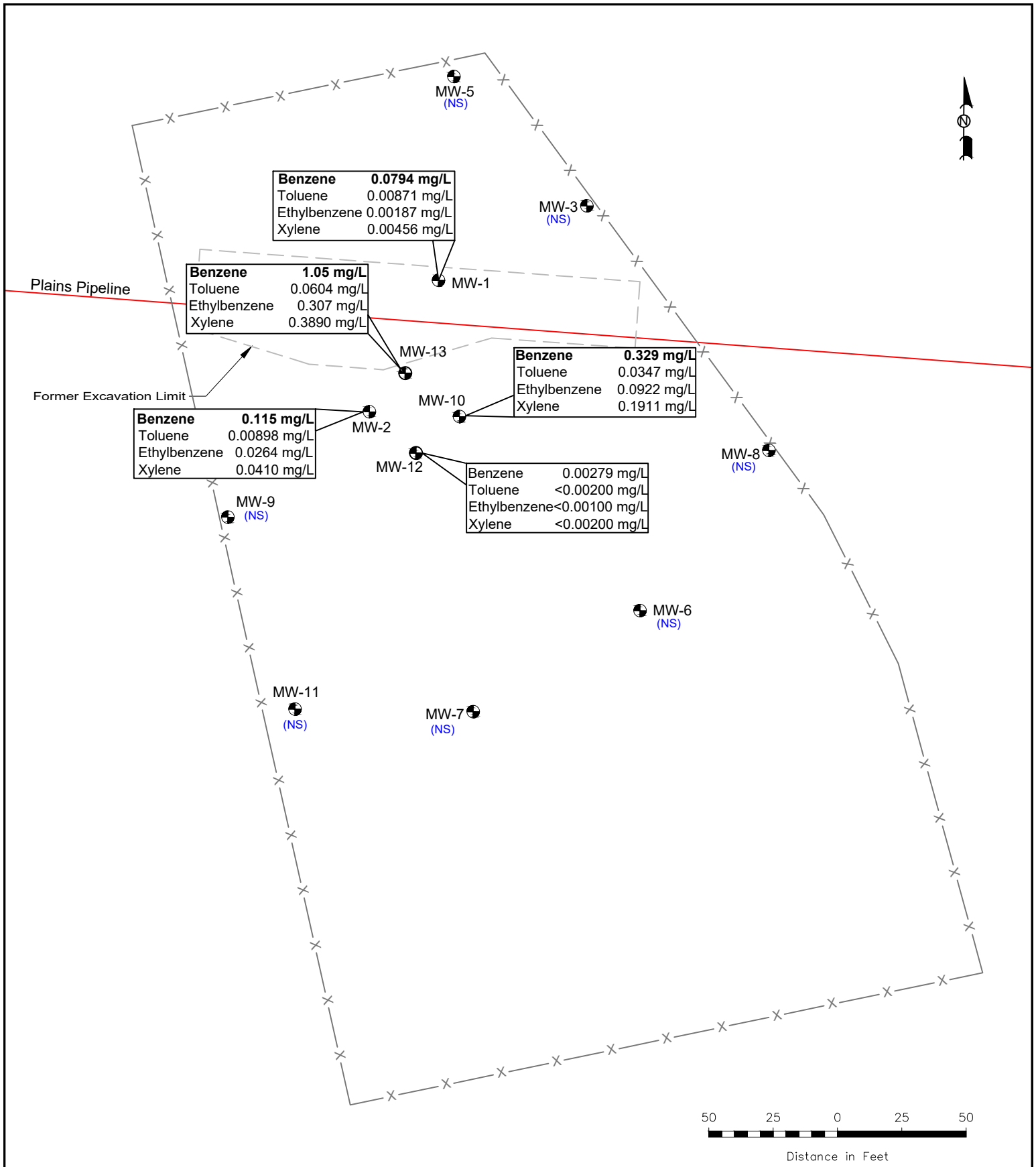

LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- Fence
- Pipeline
- Former Excavation Limits
- Inferred PSH Extent
- 2.42' Thickness of PSH (feet)
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map (2/4/2021)
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: February 26, 2021	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	

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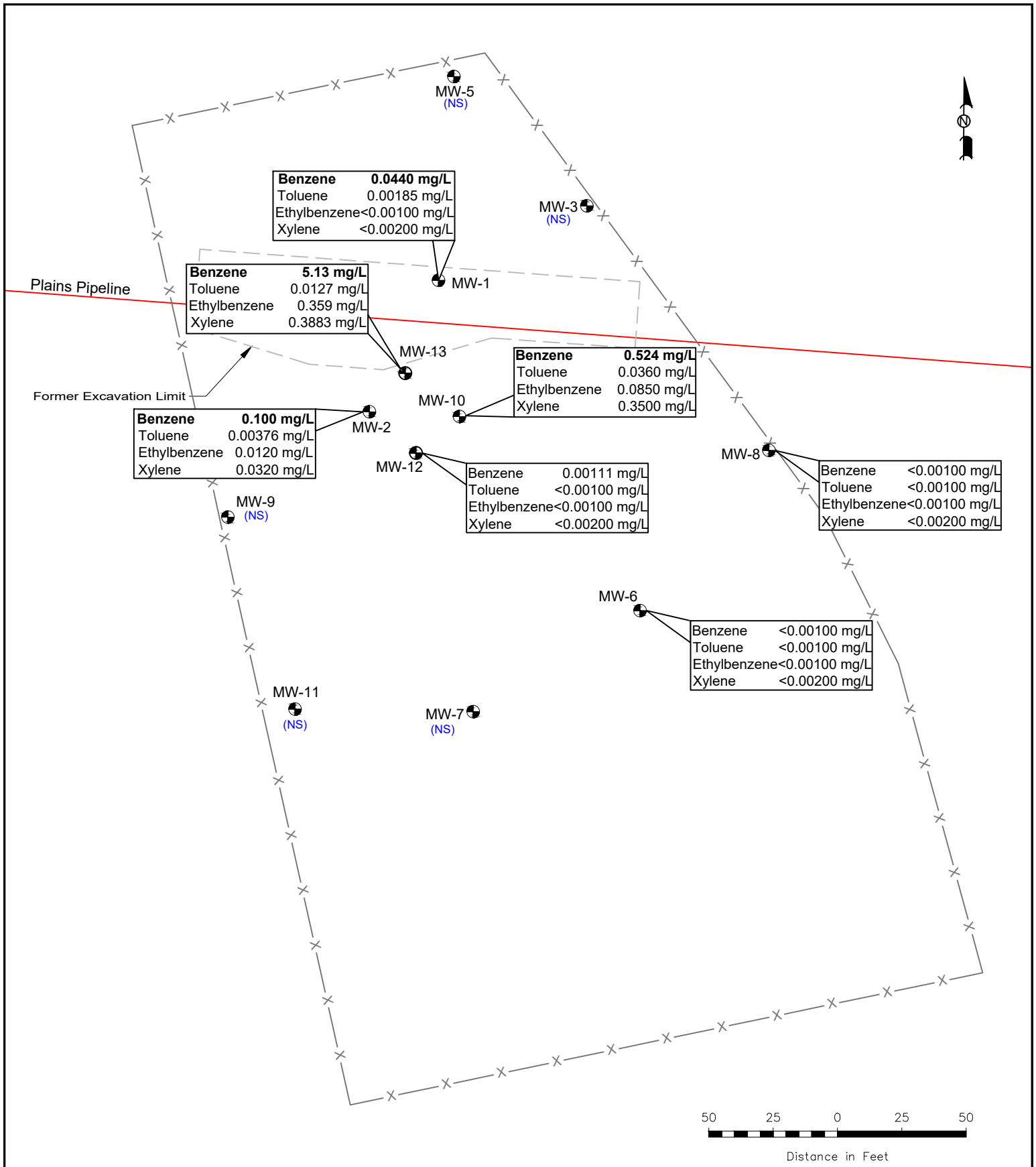

LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- Fence
- Pipeline
- Former Excavation Limits
- Inferred PSH Extent
- 2.42' Thickness of PSH (feet)
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)

Figure 3B
Groundwater Concentration and Inferred PSH Extent Map
(6/16-6/17/2021)
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: July 1, 2021	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
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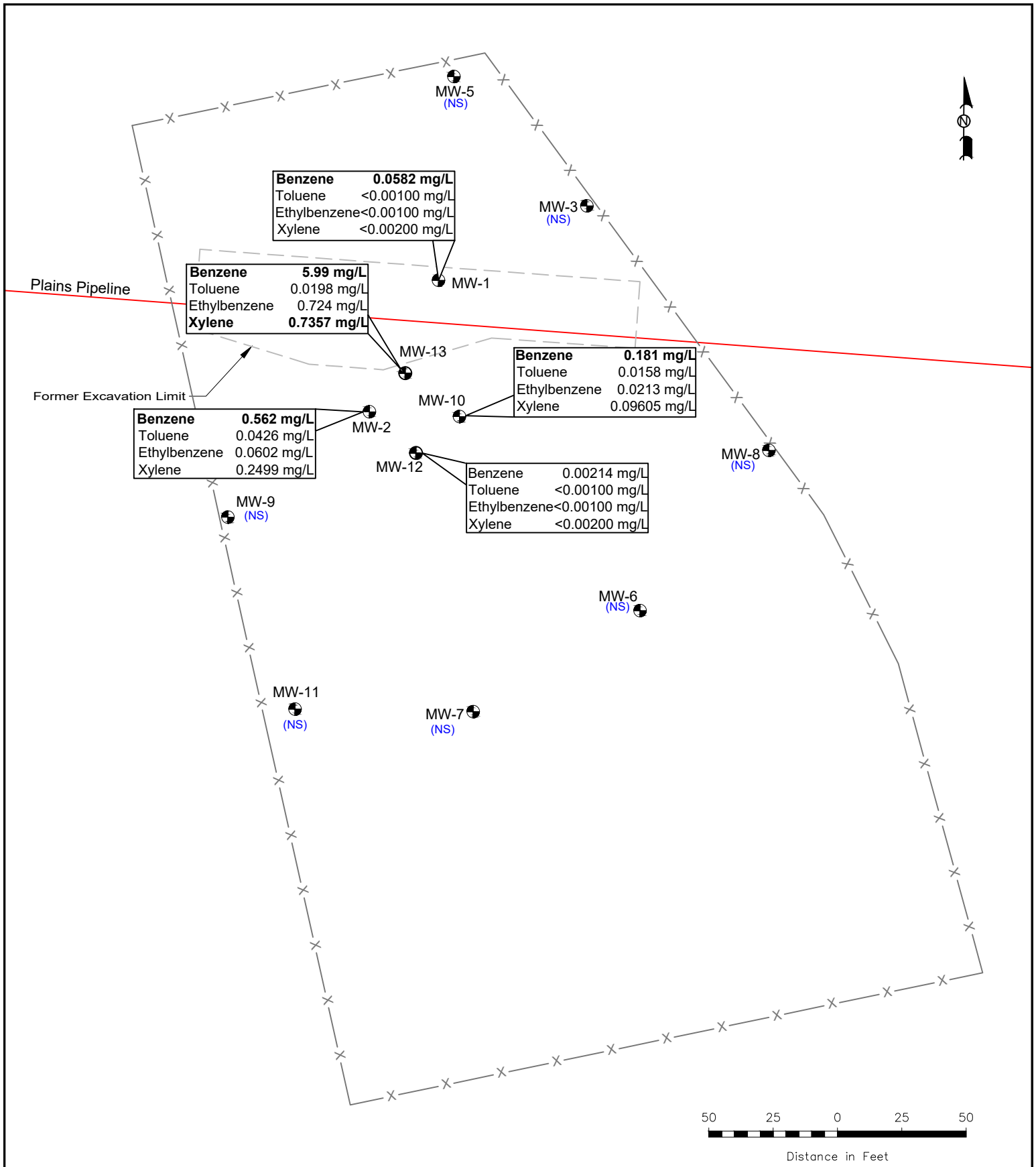

LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- Fence
- Pipeline
- Former Excavation Limits
- Inferred PSH Extent
- 2.42' Thickness of PSH (feet)
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)

Figure 3C
Groundwater Concentration and Inferred PSH Extent Map (9/24/2021)
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: July 1, 2021	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	

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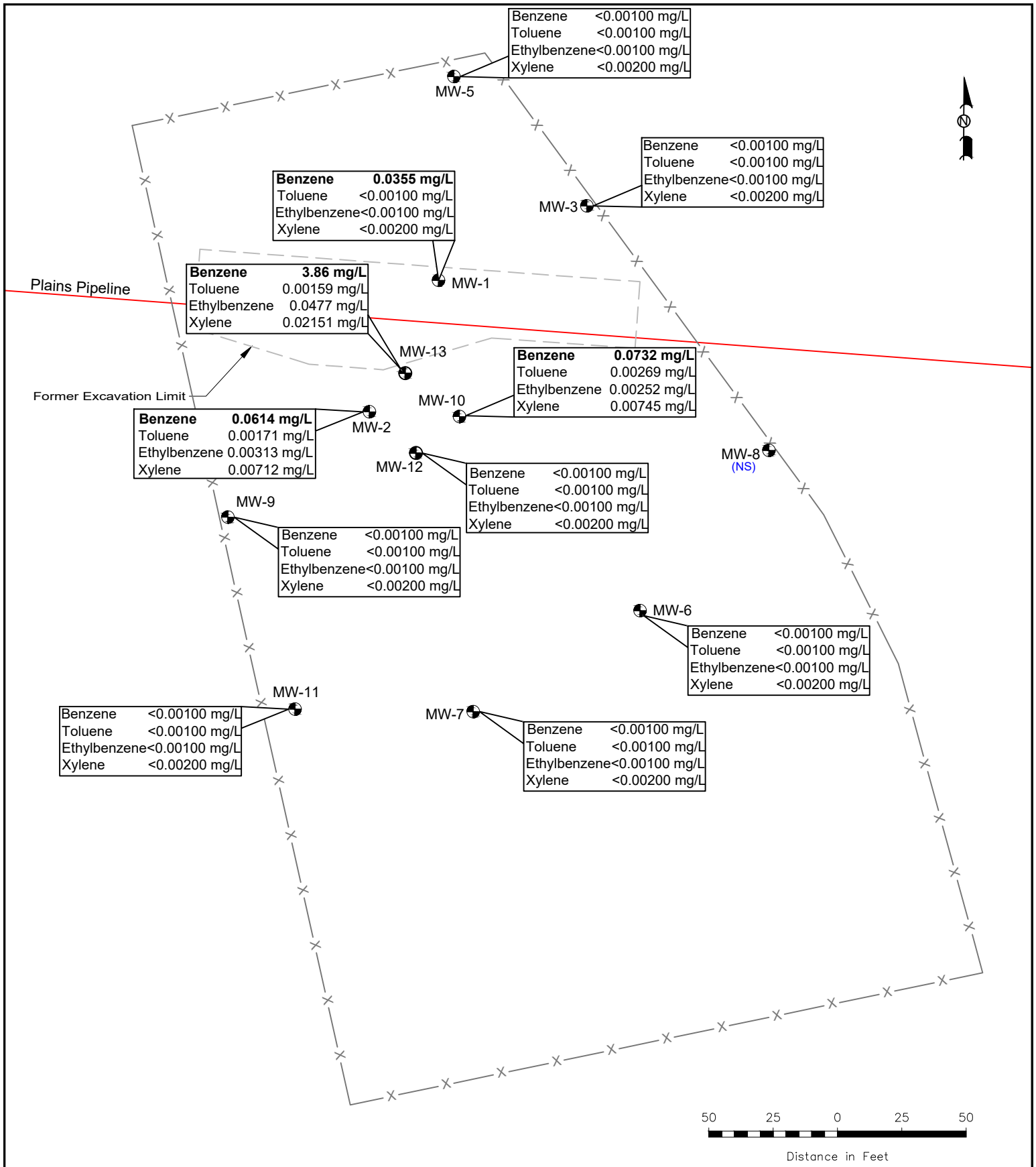

LEGEND:

- Monitor Well Location
- Plugged and Abandoned
- Fence
- Pipeline
- Former Excavation Limits
- Inferred PSH Extent
- 2.42' Thickness of PSH (feet)
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)

Figure 3D
Groundwater Concentration and Inferred PSH Extent Map
(11/30/2021 - 12/2/2021)
Plains Marketing, L.P.
TNM 98-05A
NMOCD Reference # AP-12-0
Lea County, NM

Scale: 1" = 50'	
CAD By: CS	Checked By: CS
Draft: January 5, 2022	
Lat. N 32.450991°, Long. W 103.138305°	
SW1/4 NW1/4 Sec 26 T21S R37E	
TRC Proj. No.: 014180	

TRC
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Midland, Texas 79705
432.520.7720

TABLES

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/06/21	3391.62	-	46.51	0.00	3,345.11
MW - 1	02/04/21	3391.62	-	46.58	0.00	3,345.04
MW - 1	02/12/21	3391.62	-	46.63	0.00	3,344.99
MW - 1	03/31/21	3391.62	-	46.52	0.00	3,345.10
MW - 1	04/13/21	3391.62	-	46.41	0.00	3,345.21
MW - 1	04/26/21	3391.62	-	46.32	0.00	3,345.30
MW - 1	05/11/21	3391.62	-	46.35	0.00	3,345.27
MW - 1	06/17/21	3391.62	-	46.33	0.00	3,345.29
MW - 1	07/12/21	3391.62	-	46.46	0.00	3,345.16
MW - 1	07/28/21	3391.62	-	46.55	0.00	3,345.07
MW - 1	08/10/21	3391.62	-	46.58	0.00	3,345.04
MW - 1	08/19/21	3391.62	-	46.59	0.00	3,345.03
MW - 1	09/14/21	3391.62	-	46.71	0.00	3,344.91
MW - 1	09/24/21	3391.62	-	46.70	0.00	3,344.92
MW - 1	10/18/21	3391.62	-	46.75	0.00	3,344.87
MW - 1	10/25/21	3391.62	-	46.74	0.00	3,344.88
MW - 1	11/30/21	3391.62	-	46.76	0.00	3,344.86
MW - 2	01/06/21	3390.85	-	45.88	0.00	3,344.97
MW - 2	02/04/21	3390.85	-	45.92	0.00	3,344.93
MW - 2	02/12/21	3390.85	-	45.91	0.00	3,344.94
MW - 2	03/31/21	3390.85	-	45.85	0.00	3,345.00
MW - 2	04/13/21	3390.85	-	45.73	0.00	3,345.12
MW - 2	04/26/21	3390.85	-	45.66	0.00	3,345.19
MW - 2	05/11/21	3390.85	-	45.67	0.00	3,345.18
MW - 2	06/17/21	3390.85	-	45.72	0.00	3,345.13
MW - 2	07/12/21	3390.85	-	45.84	0.00	3,345.01
MW - 2	07/28/21	3390.85	-	45.97	0.00	3,344.88
MW - 2	08/10/21	3390.85	-	45.89	0.00	3,344.96
MW - 2	08/19/21	3390.85	-	45.97	0.00	3,344.88
MW - 2	09/14/21	3390.85	-	46.06	0.00	3,344.79
MW - 2	09/24/21	3390.85	-	46.10	0.00	3,344.75
MW - 2	10/18/21	3390.85	-	46.13	0.00	3,344.72
MW - 2	10/25/21	3390.85	-	46.13	0.00	3,344.72
MW - 2	11/04/21	3390.85	-	46.18	0.00	3,344.67
MW - 2	11/30/21	3390.85	-	46.13	0.00	3,344.72
MW - 2	12/27/21	3390.85	-	46.11	0.00	3,344.74
MW - 3	01/06/21	3391.08	-	46.05	0.00	3,345.03
MW - 3	02/04/21	3391.08	-	46.04	0.00	3,345.04
MW - 3	04/26/21	3391.08	-	45.77	0.00	3,345.31
MW - 3	06/17/21	3391.08	-	45.83	0.00	3,345.25
MW - 3	07/28/21	3391.08	-	45.99	0.00	3,345.09
MW - 3	08/19/21	3391.08	-	46.03	0.00	3,345.05

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	09/24/21	3391.08	-	46.14	0.00	3,344.94
MW - 3	10/18/21	3391.08	-	46.20	0.00	3,344.88
MW - 3	11/30/21	3391.08	-	46.22	0.00	3,344.86
MW - 5	01/06/21	3391.53	-	46.25	0.00	3,345.28
MW - 5	02/04/21	3391.53	-	46.24	0.00	3,345.29
MW - 5	04/26/21	3391.53	-	45.96	0.00	3,345.57
MW - 5	06/16/21	3391.53	-	46.03	0.00	3,345.50
MW - 5	07/28/21	3391.53	-	46.18	0.00	3,345.35
MW - 5	08/19/21	3391.53	-	46.22	0.00	3,345.31
MW - 5	09/24/21	3391.53	-	46.33	0.00	3,345.20
MW - 5	10/18/21	3391.53	-	46.36	0.00	3,345.17
MW - 5	11/30/21	3391.53	-	46.11	0.00	3,345.42
MW- 6	01/06/21	3391.14	-	46.71	0.00	3,344.43
MW- 6	02/04/21	3391.14	-	46.70	0.00	3,344.44
MW- 6	04/26/21	3391.14	-	46.43	0.00	3,344.71
MW- 6	06/17/21	3391.14	-	46.50	0.00	3,344.64
MW- 6	07/28/21	3391.14	-	46.68	0.00	3,344.46
MW- 6	08/19/21	3391.14	-	46.73	0.00	3,344.41
MW- 6	09/24/21	3391.14	-	46.84	0.00	3,344.30
MW- 6	10/18/21	3391.14	-	46.87	0.00	3,344.27
MW- 6	11/30/21	3391.14	-	46.91	0.00	3,344.23
MW - 7	01/06/21	3391.21	-	46.61	0.00	3,344.60
MW - 7	02/04/21	3391.21	-	46.59	0.00	3,344.62
MW - 7	04/26/21	3391.21	-	46.31	0.00	3,344.90
MW - 7	06/16/21	3391.21	-	46.39	0.00	3,344.82
MW - 7	07/28/21	3391.21	-	46.57	0.00	3,344.64
MW - 7	08/19/21	3391.21	-	46.63	0.00	3,344.58
MW - 7	09/24/21	3391.21	-	46.74	0.00	3,344.47
MW - 7	10/18/21	3391.21	-	46.78	0.00	3,344.43
MW - 7	11/30/21	3391.21	-	46.81	0.00	3,344.40
MW - 8	01/06/21	3391.14	-	46.63	0.00	3,344.51
MW - 8	02/04/21	3391.14	-	46.62	0.00	3,344.52
MW - 8	04/26/21	3391.14	-	46.37	0.00	3,344.77
MW - 8	06/17/21	3391.14	-	46.53	0.00	3,344.61
MW - 8	07/28/21	3391.14	-	46.59	0.00	3,344.55
MW - 8	08/19/21	3391.14	-	46.64	0.00	3,344.50
MW - 8	09/24/21	3391.14	-	46.74	0.00	3,344.40
MW - 8	10/18/21	3391.14	-	46.78	0.00	3,344.36
MW - 8	11/30/21	3391.14	-	46.82	0.00	3,344.32

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	01/06/21	3391.47	-	46.49	0.00	3,344.98
MW - 9	02/04/21	3391.47	-	46.48	0.00	3,344.99
MW - 9	04/26/21	3391.47	-	46.19	0.00	3,345.28
MW - 9	06/16/21	3391.47	-	46.27	0.00	3,345.20
MW - 9	07/28/21	3391.47	-	46.44	0.00	3,345.03
MW - 9	08/19/21	3391.47	-	46.51	0.00	3,344.96
MW - 9	09/24/21	3391.47	-	46.61	0.00	3,344.86
MW - 9	10/18/21	3391.47	-	46.65	0.00	3,344.82
MW - 9	11/30/21	3391.47	-	46.66	0.00	3,344.81
MW - 10	01/06/21	3391.26	-	46.38	0.00	3,344.88
MW - 10	02/04/21	3391.26	-	46.41	0.00	3,344.85
MW - 10	02/12/21	3391.26	-	46.42	0.00	3,344.84
MW - 10	03/31/21	3391.26	-	46.33	0.00	3,344.93
MW - 10	04/13/21	3391.26	-	46.22	0.00	3,345.04
MW - 10	04/26/21	3391.26	-	46.13	0.00	3,345.13
MW - 10	05/11/21	3391.26	-	46.17	0.00	3,345.09
MW - 10	06/17/21	3391.26	-	46.19	0.00	3,345.07
MW - 10	07/12/21	3391.26	-	46.32	0.00	3,344.94
MW - 10	07/28/21	3391.26	-	46.39	0.00	3,344.87
MW - 10	08/10/21	3391.26	-	46.44	0.00	3,344.82
MW - 10	07/28/21	3391.26	-	46.39	0.00	3,344.87
MW - 10	08/19/21	3391.26	-	46.45	0.00	3,344.81
MW - 10	09/14/21	3391.26	-	46.52	0.00	3,344.74
MW - 10	09/24/21	3391.26	-	46.57	0.00	3,344.69
MW - 10	10/18/21	3391.26	-	46.60	0.00	3,344.66
MW - 10	10/25/21	3391.26	-	46.64	0.00	3,344.62
MW - 10	11/04/21	3391.26	-	46.75	0.00	3,344.51
MW - 10	11/30/21	3391.26	-	46.73	0.00	3,344.53
MW - 10	12/27/21	3391.26	-	46.61	0.00	3,344.65
MW - 11	01/06/21	3390.73	-	45.99	0.00	3,344.74
MW - 11	02/04/21	3390.73	-	45.98	0.00	3,344.75
MW - 11	04/26/21	3390.73	-	45.69	0.00	3,345.04
MW - 11	06/16/21	3390.73	-	45.78	0.00	3,344.95
MW - 11	07/28/21	3390.73	-	45.96	0.00	3,344.77
MW - 11	08/19/21	3390.73	-	46.03	0.00	3,344.70
MW - 11	09/24/21	3390.73	-	46.13	0.00	3,344.60
MW - 11	10/18/21	3390.73	-	46.17	0.00	3,344.56
MW - 11	11/30/21	3390.73	-	46.19	0.00	3,344.54
MW - 12	01/06/21	3391.57	-	46.69	0.00	3,344.88
MW - 12	02/04/21	3391.57	-	46.69	0.00	3,344.88
MW - 12	02/12/21	3391.57	-	46.72	0.00	3,344.85

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	04/13/21	3391.57	-	46.48	0.00	3,345.09
MW - 12	04/26/21	3391.57	-	46.38	0.00	3,345.19
MW - 12	06/17/21	3391.57	-	46.47	0.00	3,345.10
MW - 12	07/28/21	3391.57	-	46.64	0.00	3,344.93
MW - 12	08/19/21	3391.57	-	46.70	0.00	3,344.87
MW - 12	09/24/21	3391.57	-	46.80	0.00	3,344.77
MW - 12	10/18/21	3391.57	-	46.84	0.00	3,344.73
MW - 12	10/25/21	3391.57	-	46.87	0.00	3,344.70
MW - 12	11/30/21	3391.57	-	46.87	0.00	3,344.70
MW - 13	01/06/21	3391.89	-	46.88	0.00	3,345.01
MW - 13	02/04/21	3391.89	-	46.92	0.00	3,344.97
MW - 13	02/12/21	3391.89	-	46.91	0.00	3,344.98
MW - 13	03/31/21	3391.89	-	46.80	0.00	3,345.09
MW - 13	04/13/21	3391.89	-	46.71	0.00	3,345.18
MW - 13	04/26/21	3391.89	-	46.70	0.00	3,345.19
MW - 13	05/11/21	3391.89	-	46.68	0.00	3,345.21
MW - 13	06/17/21	3391.89	-	46.71	0.00	3,345.18
MW - 13	07/12/21	3391.89	-	46.83	0.00	3,345.06
MW - 13	07/28/21	3391.89	-	46.90	0.00	3,344.99
MW - 13	08/10/21	3391.89	-	46.96	0.00	3,344.93
MW - 13	08/19/21	3391.89	-	46.98	0.00	3,344.91
MW - 13	09/14/21	3391.89	-	47.07	0.00	3,344.82
MW - 13	09/24/21	3391.89	-	47.09	0.00	3,344.80
MW - 13	10/18/21	3391.89	-	47.13	0.00	3,344.76
MW - 13	10/25/21	3391.89	-	47.16	0.00	3,344.73
MW - 13	11/04/21	3391.89	-	47.19	0.00	3,344.70
MW - 13	11/30/21	3391.89	-	47.15	0.00	3,344.74
MW - 13	12/27/21	3391.89	-	47.11	0.00	3,344.78

TABLE 2

2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 1	02/04/21	**0.0794**	0.00871	0.00187	0.00456	
MW - 1	06/17/21	**0.0440**	0.00185	<0.00100	<0.00200	
MW - 1	09/24/21	**0.0582**	<0.00100	<0.00100	<0.00200	
MW - 1	12/02/21	**0.0355**	<0.00100	<0.00100	<0.00200	
MW - 2	02/04/21	**0.115**	0.00898	0.0264	0.0410	
MW - 2	06/17/21	**0.100**	0.00376	0.0120	0.0320	
MW - 2	09/24/21	**0.562**	0.0426	0.0602	0.2499	
MW - 2	12/01/21	**0.0614**	0.00171	0.00313	0.00712	
		.				
MW - 3	02/04/21	Not Sampled on Current Sample Schedule				
MW - 3	06/17/21	Not Sampled on Current Sample Schedule				
MW - 3	09/24/21	Not Sampled on Current Sample Schedule				
MW - 3	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 5	02/04/21	Not Sampled on Current Sample Schedule				
MW - 5	06/17/21	Not Sampled on Current Sample Schedule				
MW - 5	09/24/21	Not Sampled on Current Sample Schedule				
MW - 5	12/02/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	02/04/21	Not Sampled on Current Sample Schedule				
MW - 6	06/17/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 6	09/24/21	Not Sampled on Current Sample Schedule				
MW - 6	12/02/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 7	02/04/21	Not Sampled on Current Sample Schedule				
MW - 7	06/17/21	Not Sampled on Current Sample Schedule				
MW - 7	09/24/21	Not Sampled on Current Sample Schedule				
MW - 7	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	02/04/21	Not Sampled on Current Sample Schedule				
MW - 8	06/17/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	09/24/21	Not Sampled on Current Sample Schedule				
MW - 8	12/01/21	Not Sampled on Current Sample Schedule				
MW - 9	02/04/21	Not Sampled on Current Sample Schedule				
MW - 9	06/17/21	Not Sampled on Current Sample Schedule				
MW - 9	09/24/21	Not Sampled on Current Sample Schedule				
MW - 9	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	02/04/21	**0.329**	0.0347	0.0922	0.1911	
MW - 10	06/17/21	**0.524**	0.0360	0.0850	0.3500	

TABLE 2

2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Guideline		**0.01**	**0.75**	**0.75**	**0.62**	
MW - 10	09/24/21	**0.181**	0.0158	0.0213	0.09605	
MW - 10	12/02/21	**0.0732**	0.00269	0.00252	0.00745	
MW - 11	02/04/21	Not Sampled on Current Sample Schedule				
MW - 11	06/17/21	Not Sampled on Current Sample Schedule				
MW - 11	09/24/21	Not Sampled on Current Sample Schedule				
MW - 11	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW-12	02/04/21	0.00279	<0.00200	<0.00100	<0.00200	
MW-12	06/17/21	0.00111	<0.00100	<0.00100	<0.00200	
MW-12	09/24/21	0.00214	<0.00100	<0.00100	<0.00200	
MW-12	12/02/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW-13	02/04/21	**1.05**	0.0604	0.307	0.3890	
MW-13	06/17/21	**5.13**	0.0127	0.359	0.3883	
MW-13	09/24/21	**5.99**	0.0198	0.724	**0.7357**	
MW-13	12/02/21	**3.86**	0.00159	0.0477	0.02151	

TABLE 3

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 98-05A

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-12

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	12/01/21	Not Sampled																		
MW-2	12/01/21	0.00093	<0.00010	0.00015	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.00022**	<0.00010	0.00017	0.00084	<0.00010	0.00060	0.00018	0.00321			0.0020
MW-3	12/01/21	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
MW-5	12/02/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/02/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/02/21	0.0011	0.00035	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0011**	<0.00010	**0.0013**	<0.00010	0.0183			0.0026
MW-11	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/02/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/02/21	Not Sampled																		

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/03/99	3390.57	46.05	49.70	3.65	3,343.97
MW - 1	05/12/99	3390.57	45.99	49.31	3.32	3,344.08
MW - 1	08/23/99	3390.57	46.15	49.51	3.36	3,343.92
MW - 1	11/29/99	3390.57	45.61	45.84	0.23	3,344.93
MW - 1	03/09/00	3390.57	46.48	47.57	1.09	3,343.93
MW - 1	05/11/00	3390.57	46.13	46.92	0.79	3,344.32
MW - 1	09/12/00	3390.57	46.13	46.74	0.61	3,344.35
MW - 1	12/14/00	3390.57	45.81	46.90	1.09	3,344.60
MW - 1	03/21/01	3390.57	46.48	47.57	1.09	3,343.93
MW - 1	05/30/01	3390.57	46.13	48.40	2.27	3,344.10
MW - 1	09/25/01	3390.57	COULD NOT GAUGE DUE TO EXCAVATION			-
MW - 1	11/17/01	3390.57	COULD NOT GAUGE DUE TO EXCAVATION			-
MW - 1	02/20/02	3390.57	COULD NOT GAUGE DUE TO EXCAVATION			-
MW - 1	05/20/02	3390.57	COULD NOT GAUGE DUE TO EXCAVATION			-
MW - 1	09/24/02	3390.57	COULD NOT GAUGE DUE TO EXCAVATION			-
MW - 1	10/29/02	3390.57	42.37	39.58	-	-
MW - 1	11/06/02	3390.57	39.23	41.26	2.03	3,351.04
MW - 1	11/13/02	3390.57	39.86	41.38	1.52	3,350.48
MW - 1	01/07/03	3390.57	39.74	41.56	1.82	3,350.56
MW - 1	01/13/03	3390.57	39.72	41.55	1.83	3,350.58
MW - 1	01/27/03	3390.57	39.82	41.66	1.84	3,350.47
MW - 1	02/06/03	3390.57	39.89	41.50	1.61	3,350.44
MW - 1	03/11/03	3390.57	39.96	41.34	1.38	3,350.40
MW - 1	05/08/03	3390.57	35.92	37.75	1.83	3,354.38
MW - 1	05/15/03	3390.57	36.08	37.95	1.87	3,354.21
MW - 1	05/20/03	3390.57	36.27	38.18	1.91	3,354.01
MW - 1	05/27/03	3390.57	36.35	38.26	1.91	3,353.93
MW - 1	06/03/03	3390.57	36.30	38.15	1.85	3,353.99
MW - 1	06/10/03	3390.57	36.43	38.34	1.91	3,353.85
MW - 1	06/25/03	3390.57	36.73	37.82	1.09	3,353.68
MW - 1	07/02/03	3390.57	36.97	37.80	0.83	3,353.48
MW - 1	07/07/03	3390.57	36.72	37.91	1.19	3,353.67
MW - 1	07/22/03	3390.57	39.99	40.97	0.98	3,350.43
MW - 1	07/30/03	3390.57	36.45	37.04	0.59	3,354.03
MW - 1	08/06/03	3390.57	36.15	36.80	0.65	3,354.32
MW - 1	08/13/03	3390.57	36.72	36.85	0.13	3,353.83
MW - 1	08/19/03	3390.57	36.41	36.89	0.48	3,354.09
MW - 1	08/20/03	3390.57	36.93	37.19	0.26	3,353.60
MW - 1	08/25/03	3390.57	36.97	37.25	0.28	3,353.56
MW - 1	09/08/03	3390.57	sheen	37.45	0.00	3,353.12
MW - 1	09/15/03	3390.57	sheen	37.48	0.00	3,353.09
MW - 1	09/24/03	3390.57	sheen	37.59	0.00	3,352.98
MW - 1	09/30/03	3390.57	37.18	37.19	0.01	3,353.39
MW - 1	10/07/03	3390.57	37.40	37.41	0.01	3,353.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	10/22/03	3390.57	sheen	37.31	0.00	3,353.26
MW - 1	10/27/03	3390.57	sheen	37.13	0.00	3,353.44
MW - 1	11/07/03	3390.57	37.40	37.52	0.12	3,353.15
MW - 1	11/10/03	3390.57	sheen	37.53	0.00	3,353.04
MW - 1	11/17/03	3390.57	sheen	36.81	0.00	3,353.76
MW - 1	12/08/03	3390.57	sheen	35.77	0.00	3,354.80
MW - 1	12/17/03	3390.57	sheen	36.79	0.00	3,353.78
MW - 1	12/22/03	3390.57	37.33	37.34	0.01	3,353.24
MW - 1	01/02/04	3390.57	sheen	35.41	0.00	3,355.16
MW - 1	01/06/04	3390.57	sheen	37.35	0.00	3,353.22
MW - 1	01/19/04	3390.57	sheen	35.96	0.00	3,354.61
MW - 1	01/26/04	3390.57	sheen	36.04	0.00	3,354.53
MW - 1	02/02/04	3390.57	sheen	35.99	0.00	3,354.58
MW - 1	02/09/04	3390.57	35.52	35.53	0.01	3,355.05
MW - 1	02/19/04	3390.57	sheen	35.62	0.00	3,354.95
MW - 1	02/23/04	3390.57	-	35.50	0.00	3,355.07
MW - 1	03/01/04	3390.57	-	35.48	0.00	3,355.09
MW - 1	03/10/04	3390.57	-	35.51	0.00	3,355.06
MW - 1	03/15/04	3390.57	-	35.94	0.00	3,354.63
MW - 1	03/23/04	3390.57	-	36.50	0.00	3,354.07
MW - 1	03/30/04	3390.57	-	36.66	0.00	3,353.91
MW - 1	04/12/04	3390.57	-	36.60	0.00	3,353.97
MW - 1	04/20/04	3390.57	-	36.00	0.00	3,354.57
MW - 1	05/03/04	3390.57	-	36.44	0.00	3,354.13
MW - 1	05/04/04	3390.57	-	36.44	0.00	3,354.13
MW - 1	06/09/04	3390.57	sheen	36.47	0.00	3,354.10
MW - 1	06/09/04	3390.57	36.47	36.47	0.01	3,354.11
MW - 1	06/16/04	3390.57	sheen	36.49	0.00	3,354.08
MW - 1	06/30/04	3390.57	sheen	26.50	0.00	3,364.07
MW - 1	07/13/04	3390.57	36.64	36.65	0.01	3,353.93
MW - 1	06/23/04	3390.57	sheen	26.52	0.00	3,364.05
MW - 1	08/23/04	3390.57	36.88	36.94	0.06	3,353.68
MW - 1	09/13/04	3390.57	sheen	37.10	0.00	3,353.47
MW - 1	09/22/04	3390.57	-	37.21	0.00	3,353.36
MW - 1	09/22/04	3390.57	-	37.21	0.00	3,353.36
MW - 1	09/29/04	3390.57	sheen	36.81	0.00	3,353.76
MW - 1	10/04/04	3390.57	sheen	36.15	0.00	3,354.42
MW - 1	10/04/04	3390.57	sheen	36.15	0.00	3,354.42
MW - 1	10/11/04	3390.57	sheen	35.98	0.00	3,354.59
MW - 1	10/19/04	3390.57	sheen	36.10	0.00	3,354.47
MW - 1	10/25/04	3390.57	sheen	36.13	0.00	3,354.44
MW - 1	11/01/04	3390.57	sheen	36.36	0.00	3,354.21
MW - 1	11/09/04	3390.57	sheen	36.31	0.00	3,354.26
MW - 1	11/17/04	3390.57	sheen	36.89	0.00	3,353.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	11/22/04	3390.57	sheen	36.50	0.00	3,354.07
MW - 1	11/29/04	3390.57	sheen	36.03	0.00	3,354.54
MW - 1	12/04/04	3390.57	sheen	35.65	0.00	3,354.92
MW - 1	12/13/04	3390.57	sheen	35.42	0.00	3,355.15
MW - 1	12/20/04	3390.57	sheen	35.30	0.00	3,355.27
MW - 1	12/30/04	3390.57	sheen	35.04	0.00	3,355.53
MW - 1	01/03/05	3390.57	sheen	35.01	0.00	3,355.56
MW - 1	01/10/05	3390.57	sheen	35.21	0.00	3,355.36
MW - 1	01/17/05	3390.57	sheen	35.19	0.00	3,355.38
MW - 1	01/24/05	3390.57	sheen	35.17	0.00	3,355.40
MW - 1	01/31/05	3390.57	sheen	35.29	0.00	3,355.28
MW - 1	02/07/05	3390.57	sheen	35.21	0.00	3,355.36
MW - 1	02/14/05	3390.57	sheen	35.28	0.00	3,355.29
MW - 1	02/21/05	3390.57	sheen	35.25	0.00	3,355.32
MW - 1	02/28/05	3390.57	sheen	35.29	0.00	3,355.28
MW - 1	03/07/05	3390.57	-	35.07	0.00	3,355.50
MW - 1	03/07/05	3390.57	sheen	35.07	0.00	3,355.50
MW - 1	03/16/05	3390.57	sheen	35.00	0.00	3,355.57
MW - 1	03/21/05	3390.57	sheen	34.95	0.00	3,355.62
MW - 1	03/28/05	3390.57	sheen	35.04	0.00	3,355.53
MW - 1	04/04/05	3390.57	sheen	35.07	0.00	3,355.50
MW - 1	04/13/05	3390.57	sheen	35.09	0.00	3,355.48
MW - 1	04/18/05	3390.57	sheen	35.10	0.00	3,355.47
MW - 1	05/23/05	3390.57	sheen	35.24	0.00	3,355.33
MW - 1	06/07/05	3390.57	-	35.05	0.00	3,355.52
MW - 1	06/21/05	3390.57	sheen	35.20	0.00	3,355.37
MW - 1	07/26/05	3390.57	sheen	35.05	0.00	3,355.52
MW - 1	08/25/05	3390.57	sheen	35.23	0.00	3,355.34
MW - 1	09/07/05	3390.57	sheen	35.20	0.00	3,355.37
MW - 1	09/26/05	3390.57	sheen	35.35	0.00	3,355.22
MONITOR WELL RISER WAS EXTENDED & RESURVEYED - NOTE ELEVATION CHANGE						
MW - 1	11/14/05	3391.62	sheen	49.84	0.00	3,341.78
MW - 1	12/14/05	3391.62	-	46.80	0.00	3,344.82
MW - 1	12/28/05	3391.62	sheen	46.55	0.00	3,345.07
MW - 1	01/12/06	3391.62	-	46.47	0.00	3,345.15
MW - 1	01/18/06	3391.62	sheen	46.56	0.00	3,345.06
MW - 1	02/15/06	3391.62	sheen	46.40	0.00	3,345.22
MW - 1	03/06/06	3391.62	-	46.50	0.00	3,345.12
MW - 1	03/20/06	3391.62	sheen	46.57	0.00	3,345.05
MW - 1	04/13/06	3391.62	sheen	46.39	0.00	3,345.23
MW - 1	04/19/06	3391.62	sheen	46.50	0.00	3,345.12
MW - 1	05/25/06	3391.62	sheen	46.24	0.00	3,345.38
MW - 1	06/05/06	3391.62	sheen	46.22	0.00	3,345.40
MW - 1	09/11/06	3391.62	sheen	46.71	0.00	3,344.91

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	10/31/06	3391.62	sheen	46.91	0.00	3,344.71
MW - 1	11/16/06	3391.62	sheen	46.80	0.00	3,344.82
MW - 1	11/21/06	3391.62	sheen	46.76	0.00	3,344.86
MW - 1	01/26/07	3391.62	sheen	46.66	0.00	3,344.96
MW - 1	01/31/07	3391.62	sheen	46.53	0.00	3,345.09
MW - 1	02/15/07	3391.62	-	46.61	0.00	3,345.01
MW - 1	02/20/07	3391.62	-	46.56	0.00	3,345.06
MW - 1	05/15/07	3391.62	-	46.74	0.00	3,344.88
MW - 1	08/09/07	3391.62	-	46.48	0.00	3,345.14
MW - 1	10/01/07	3391.62	sheen	46.73	0.00	3,344.89
MW - 1	10/12/07	3391.62	sheen	46.73	0.00	3,344.89
MW - 1	11/13/07	3391.62	-	46.82	0.00	3,344.80
MW - 1	02/14/08	3391.62	-	46.99	0.00	3,344.63
MW - 1	04/18/08	3391.62	-	46.11	0.00	3,345.51
MW - 1	05/16/08	3391.62	-	46.31	0.00	3,345.31
MW - 1	06/08/08	3391.62	-	46.40	0.00	3,345.22
MW - 1	07/15/08	3391.62	-	46.70	0.00	3,344.92
MW - 1	07/16/08	3391.62	-	46.76	0.00	3,344.86
MW - 1	08/12/08	3391.62	-	46.80	0.00	3,344.82
MW - 1	08/19/08	3391.62	-	46.85	0.00	3,344.77
MW - 1	10/28/08	3391.62	-	47.08	0.00	3,344.54
MW - 1	11/19/08	3391.62	-	46.18	0.00	3,345.44
MW - 1	11/24/08	3391.62	-	47.32	0.00	3,344.30
MW - 1	12/17/08	3391.62	-	47.09	0.00	3,344.53
MW - 1	02/18/09	3391.62	-	46.34	0.00	3,345.28
MW - 1	03/03/09	3391.62	-	46.19	0.00	3,345.43
MW - 1	03/10/09	3391.62	-	46.43	0.00	3,345.19
MW - 1	03/18/09	3391.62	-	46.55	0.00	3,345.07
MW - 1	03/27/09	3391.62	-	46.55	0.00	3,345.07
MW - 1	04/07/09	3391.62	-	46.69	0.00	3,344.93
MW - 1	04/14/09	3391.62	-	46.75	0.00	3,344.87
MW - 1	04/28/09	3391.62	-	46.83	0.00	3,344.79
MW - 1	05/19/09	3391.62		46.91	0.00	3,344.71
MW - 1	05/27/09	3391.62	-	47.04	0.00	3,344.58
MW - 1	06/04/09	3391.62	-	47.02	0.00	3,344.60
MW - 1	06/12/09	3391.62	-	47.08	0.00	3,344.54
MW - 1	06/18/09	3391.62	-	47.12	0.00	3,344.50
MW - 1	06/30/09	3391.62	-	46.20	0.00	3,345.42
MW - 1	07/07/09	3391.62	-	47.14	0.00	3,344.48
MW - 1	07/14/09	3391.62	-	47.15	0.00	3,344.47
MW - 1	07/21/09	3391.62	-	47.21	0.00	3,344.41
MW - 1	07/28/09	3391.62	-	47.14	0.00	3,344.48
MW - 1	08/07/09	3391.62	-	47.16	0.00	3,344.46
MW - 1	08/13/09	3391.62	-	47.13	0.00	3,344.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	08/21/09	3391.62	-	47.17	0.00	3,344.45
MW - 1	08/27/09	3391.62	-	47.21	0.00	3,344.41
MW - 1	09/10/09	3391.62	-	47.20	0.00	3,344.42
MW - 1	09/18/09	3391.62	-	47.22	0.00	3,344.40
MW - 1	09/29/09	3391.62	-	47.16	0.00	3,344.46
MW - 1	10/06/09	3391.62	-	47.17	0.00	3,344.45
MW - 1	10/20/09	3391.62	-	47.16	0.00	3,344.46
MW - 1	10/27/09	3391.62	-	47.17	0.00	3,344.45
MW - 1	11/11/09	3391.62	-	47.24	0.00	3,344.38
MW - 1	11/13/09	3391.62	-	47.12	0.00	3,344.50
MW - 1	12/08/09	3391.62	-	47.17	0.00	3,344.45
MW - 1	12/22/09	3391.62	-	47.18	0.00	3,344.44
MW - 1	01/12/10	3391.62	-	47.20	0.00	3,344.42
MW - 1	01/22/10	3391.62	-	47.16	0.00	3,344.46
MW - 1	02/04/10	3391.62	-	47.30	0.00	3,344.32
MW - 1	03/03/10	3391.62	-	47.49	0.00	3,344.13
MW - 1	03/16/10	3391.62	-	48.61	0.00	3,343.01
MW - 1	04/15/10	3391.62	-	47.53	0.00	3,344.09
MW - 1	05/07/10	3391.62	-	47.49	0.00	3,344.13
MW - 1	05/28/10	3391.62	-	47.61	0.00	3,344.01
MW - 1	06/08/10	3391.62	-	47.53	0.00	3,344.09
MW - 1	06/25/10	3391.62	-	47.49	0.00	3,344.13
MW - 1	07/08/10	3391.62	-	47.56	0.00	3,344.06
MW - 1	07/28/10	3391.62	-	47.51	0.00	3,344.11
MW - 1	08/06/10	3391.62	-	47.48	0.00	3,344.14
MW - 1	08/31/10	3391.62	-	47.62	0.00	3,344.00
MW - 1	09/10/10	3391.62	-	47.61	0.00	3,344.01
MW - 1	09/24/10	3391.62	-	47.63	0.00	3,343.99
MW - 1	10/06/10	3391.62	-	47.65	0.00	3,343.97
MW - 1	10/26/10	3391.62	-	47.16	0.00	3,344.46
MW - 1	11/05/10	3391.62	-	47.50	0.00	3,344.12
MW - 1	12/17/10	3391.62	-	47.14	0.00	3,344.48
MW - 1	01/13/11	3391.62	sheen	47.69	0.00	3,343.93
MW - 1	02/11/11	3391.62	-	47.50	0.00	3,344.12
MW - 1	05/09/11	3391.62	-	47.51	0.00	3,344.11
MW - 1	05/20/11	3391.62	-	47.93	0.00	3,343.69
MW - 1	06/29/11	3391.62	-	47.80	0.00	3,343.82
MW - 1	07/05/11	3391.62	-	47.82	0.00	3,343.80
MW - 1	07/25/11	3391.62	-	47.72	0.00	3,343.90
MW - 1	08/05/11	3391.62	-	47.53	0.00	3,344.09
MW - 1	08/11/11	3391.62	-	47.81	0.00	3,343.81
MW - 1	08/24/11	3391.62	-	47.90	0.00	3,343.72
MW - 1	09/09/11	3391.62	-	48.55	0.00	3,343.07
MW - 1	09/23/11	3391.62	-	48.60	0.00	3,343.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	10/26/11	3391.62	-	48.59	0.00	3,343.03
MW - 1	11/17/11	3391.62	-	48.53	0.00	3,343.09
MW - 1	01/30/12	3391.62	-	48.52	0.00	3,343.10
MW - 1	02/28/12	3391.62	-	48.33	0.00	3,343.29
MW - 1	03/15/12	3391.62	-	48.52	0.00	3,343.10
MW - 1	03/28/12	3391.62	47.97	48.33	0.36	3,343.60
MW - 1	04/05/12	3391.62	-	48.17	0.00	3,343.45
MW - 1	04/23/12	3391.62	-	48.17	0.00	3,343.45
MW - 1	05/03/12	3391.62	-	48.22	0.00	3,343.40
MW - 1	06/28/12	3391.62	-	48.49	0.00	3,343.13
MW - 1	08/24/12	3391.62	-	48.65	0.00	3,342.97
MW - 1	10/12/12	3391.62	48.56	48.59	0.03	3,343.06
MW - 1	10/24/12	3391.62	48.43	48.44	0.01	3,343.19
MW - 1	11/15/12	3391.62	48.46	48.47	0.01	3,343.16
MW - 1	12/20/12	3391.62	48.46	48.47	0.01	3,343.16
MW - 1	01/14/13	3391.62	-	48.31	0.00	3,343.31
MW - 1	02/14/13	3391.62	-	48.34	0.00	3,343.28
MW - 1	03/29/13	3391.62	-	48.27	0.00	3,343.35
MW - 1	04/19/13	3391.62	-	48.27	0.00	3,343.35
MW - 1	04/30/13	3391.62	-	48.23	0.00	3,343.39
MW - 1	05/28/13	3391.62	-	48.26	0.00	3,343.36
MW - 1	05/23/13	3391.62	-	48.31	0.00	3,343.31
MW - 1	05/30/13	3391.62	-	48.26	0.00	3,343.36
MW - 1	06/06/13	3391.62	-	48.36	0.00	3,343.26
MW - 1	06/13/13	3391.62	-	48.41	0.00	3,343.21
MW - 1	06/19/13	3391.62	-	48.42	0.00	3,343.20
MW - 1	07/30/13	3391.62	-	48.65	0.00	3,342.97
MW - 1	08/06/13	3391.62	-	48.62	0.00	3,343.00
MW - 1	08/09/13	3391.62	-	48.69	0.00	3,342.93
MW - 1	08/30/13	3391.62	-	48.77	0.00	3,342.85
MW - 1	09/12/13	3391.62	-	48.93	0.00	3,342.69
MW - 1	10/03/13	3391.62	-	48.96	0.00	3,342.66
MW - 1	11/01/13	3391.62	-	48.89	0.00	3,342.73
MW - 1	11/07/13	3391.62	-	48.89	0.00	3,342.73
MW - 1	12/10/13	3391.62	-	49.04	0.00	3,342.58
MW - 1	01/01/14	3391.62	-	48.85	0.00	3,342.77
MW - 1	01/16/14	3391.62	-	48.83	0.00	3,342.79
MW - 1	01/23/14	3391.62	-	48.93	0.00	3,342.69
MW - 1	01/28/14	3391.62	-	48.99	0.00	3,342.63
MW - 1	02/11/14	3391.62	-	48.98	0.00	3,342.64
MW - 1	03/05/14	3391.62	-	48.95	0.00	3,342.67
MW - 1	03/13/14	3391.62	-	48.95	0.00	3,342.67
MW - 1	03/29/14	3391.62	-	48.86	0.00	3,342.76
MW - 1	04/08/14	3391.62	-	48.94	0.00	3,342.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	04/17/14	3391.62	-	48.85	0.00	3,342.77
MW - 1	04/25/14	3391.62	-	48.77	0.00	3,342.85
MW - 1	05/01/14	3391.62	-	48.77	0.00	3,342.85
MW - 1	05/08/14	3391.62	-	48.75	0.00	3,342.87
MW - 1	05/14/14	3391.62	-	48.77	0.00	3,342.85
MW - 1	05/23/14	3391.62	-	48.89	0.00	3,342.73
MW - 1	05/27/14	3391.62	-	48.90	0.00	3,342.72
MW - 1	05/29/14	3391.62	-	48.88	0.00	3,342.74
MW - 1	06/11/14	3391.62	-	48.95	0.00	3,342.67
MW - 1	06/05/14	3391.62	-	48.90	0.00	3,342.72
MW - 1	06/18/14	3391.62	-	48.93	0.00	3,342.69
MW - 1	06/26/14	3391.62	-	48.98	0.00	3,342.64
MW - 1	07/01/14	3391.62	-	49.10	0.00	3,342.52
MW - 1	07/10/14	3391.62	-	49.03	0.00	3,342.59
MW - 1	07/17/14	3391.62	-	49.13	0.00	3,342.49
MW - 1	07/23/14	3391.62	-	49.20	0.00	3,342.42
MW - 1	07/31/14	3391.62	-	49.19	0.00	3,342.43
MW - 1	08/06/14	3391.62	-	49.12	0.00	3,342.50
MW - 1	08/12/14	3391.62	-	49.20	0.00	3,342.42
MW - 1	08/21/14	3391.62	-	49.22	0.00	3,342.40
MW - 1	09/04/14	3391.62	-	49.18	0.00	3,342.44
MW - 1	10/02/14	3391.62	-	49.20	0.00	3,342.42
MW - 1	10/08/14	3391.62	-	49.17	0.00	3,342.45
MW - 1	10/14/14	3391.62	-	49.15	0.00	3,342.47
MW - 1	10/23/14	3391.62	-	49.03	0.00	3,342.59
MW - 1	10/28/14	3391.62	-	49.11	0.00	3,342.51
MW - 1	11/07/14	3391.62	-	49.02	0.00	3,342.60
MW - 1	11/14/14	3391.62	-	48.91	0.00	3,342.71
MW - 1	11/15/14	3391.62	-	49.02	0.00	3,342.60
MW - 1	12/04/14	3391.62	-	48.96	0.00	3,342.66
MW - 1	12/11/14	3391.62	-	48.96	0.00	3,342.66
MW - 1	12/18/11	3391.62	-	48.91	0.00	3,342.71
MW - 1	12/23/14	3391.62	-	48.95	0.00	3,342.67
MW - 1	02/16/15	3391.62	-	48.60	0.00	3,343.02
MW - 1	02/17/15	3391.62	-	48.64	0.00	3,342.98
MW - 1	02/24/15	3391.62	-	48.57	0.00	3,343.05
MW - 1	03/10/15	3391.62	-	48.53	0.00	3,343.09
MW - 1	03/17/15	3391.62	-	48.50	0.00	3,343.12
MW - 1	03/18/15	3391.62	-	48.44	0.00	3,343.18
MW - 1	03/25/15	3391.62	-	48.46	0.00	3,343.16
MW - 1	04/07/15	3391.62	-	48.41	0.00	3,343.21
MW - 1	04/08/15	3391.62	-	48.36	0.00	3,343.26
MW - 1	04/21/15	3391.62	-	48.43	0.00	3,343.19
MW - 1	04/28/15	3391.62	-	48.94	0.00	3,342.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/06/15	3391.62	-	48.30	0.00	3,343.32
MW - 1	05/20/15	3391.62	-	48.30	0.00	3,343.32
MW - 1	05/28/15	3391.62	-	48.20	0.00	3,343.42
MW - 1	06/09/15	3391.62	-	48.22	0.00	3,343.40
MW - 1	06/18/15	3391.62	-	48.13	0.00	3,343.49
MW - 1	06/30/15	3391.62	-	48.31	0.00	3,343.31
MW - 1	07/06/15	3391.62	-	48.32	0.00	3,343.30
MW - 1	07/09/15	3391.62	-	48.24	0.00	3,343.38
MW - 1	07/28/15	3391.62	-	48.27	0.00	3,343.35
MW - 1	08/06/15	3391.62	-	48.97	0.00	3,342.65
MW - 1	08/26/15	3391.62	-	48.39	0.00	3,343.23
MW - 1	09/09/15	3391.62	-	48.55	0.00	3,343.07
MW - 1	09/11/15	3391.62	-	48.55	0.00	3,343.07
MW - 1	09/17/15	3391.62	-	48.52	0.00	3,343.10
MW - 1	09/25/15	3391.62	-	48.52	0.00	3,343.10
MW - 1	09/30/15	3391.62	-	48.61	0.00	3,343.01
MW - 1	10/09/15	3391.62	-	48.58	0.00	3,343.04
MW - 1	10/13/15	3391.62	-	48.65	0.00	3,342.97
MW - 1	10/15/15	3391.62	-	48.65	0.00	3,342.97
MW - 1	10/21/15	3391.62	-	48.65	0.00	3,342.97
MW - 1	10/26/15	3391.62	-	48.65	0.00	3,342.97
MW - 1	11/09/15	3391.62	-	48.66	0.00	3,342.96
MW - 1	11/20/15	3391.62	-	48.49	0.00	3,343.13
MW - 1	11/25/15	3391.62	-	48.52	0.00	3,343.10
MW - 1	12/01/15	3391.62	-	48.54	0.00	3,343.08
MW - 1	12/09/15	3391.62	-	48.54	0.00	3,343.08
MW - 1	12/11/15	3391.62	-	48.34	0.00	3,343.28
MW - 1	12/15/15	3391.62	-	48.33	0.00	3,343.29
MW - 1	01/06/16	3391.62	-	48.32	0.00	3,343.30
MW - 1	01/11/16	3391.62	-	48.27	0.00	3,343.35
MW - 1	01/13/15	3391.62	-	48.06	0.00	3,343.56
MW - 1	01/28/16	3391.62	-	48.17	0.00	3,343.45
MW - 1	02/03/16	3391.62	-	48.12	0.00	3,343.50
MW - 1	02/10/16	3391.62	-	47.94	0.00	3,343.68
MW - 1	02/15/16	3391.62	-	48.01	0.00	3,343.61
MW - 1	02/17/16	3391.62	-	48.00	0.00	3,343.62
MW - 1	02/23/16	3391.62	-	47.94	0.00	3,343.68
MW - 1	03/08/16	3391.62	47.79	47.85	0.06	3,343.82
MW - 1	03/16/16	3391.62	47.82	47.86	0.04	3,343.79
MW - 1	03/18/16	3391.62	47.91	48.03	0.12	3,343.69
MW - 1	03/23/16	3391.62	47.85	47.88	0.03	3,343.77
MW - 1	03/29/16	3391.62	47.77	47.93	0.16	3,343.83
MW - 1	04/04/16	3391.62	47.84	48.06	0.22	3,343.75
MW - 1	04/08/16	3391.62	47.75	47.88	0.13	3,343.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	04/12/16	3391.62	47.85	47.96	0.11	3,343.75
MW - 1	04/21/16	3391.62	-	48.01	0.00	3,343.61
MW - 1	05/03/16	3391.62	47.99	48.11	0.12	3,343.61
MW - 1	05/12/16	3391.62	-	47.80	0.00	3,343.82
MW - 1	05/26/16	3391.62	47.66	47.69	0.03	3,343.96
MW - 1	06/09/16	3391.62	47.77	47.81	0.04	3,343.84
MW - 1	07/01/16	3391.62	47.96	48.00	0.04	3,343.65
MW - 1	07/20/16	3391.62	48.07	48.15	0.08	3,343.54
MW - 1	07/28/16	3391.62	47.92	47.98	0.06	3,343.69
MW - 1	08/04/16	3391.62	47.83	47.94	0.11	3,343.77
MW - 1	08/10/16	3391.62	47.83	47.96	0.13	3,343.77
MW - 1	08/16/16	3391.62	47.89	48.01	0.12	3,343.71
MW - 1	08/23/16	3391.62	47.87	48.00	0.13	3,343.73
MW - 1	09/12/16	3391.62	47.88	48.05	0.17	3,343.71
MW - 1	09/23/16	3391.62	47.86	48.03	0.17	3,343.73
MW - 1	09/28/16	3391.62	47.91	48.08	0.17	3,343.68
MW - 1	10/12/16	3391.62	47.82	48.00	0.18	3,343.77
MW - 1	10/17/16	3391.62	47.77	47.95	0.18	3,343.82
MW - 1	11/02/16	3391.62	47.79	48.02	0.23	3,343.80
MW - 1	11/09/16	3391.62	47.80	48.04	0.24	3,343.78
MW - 1	11/29/16	3391.62	47.68	47.99	0.31	3,343.89
MW - 1	12/09/16	3391.62	47.68	48.05	0.37	3,343.88
MW - 1	12/16/16	3391.62	47.53	47.83	0.30	3,344.05
MW - 1	12/21/16	3391.62	47.58	47.92	0.34	3,343.99
MW - 1	01/06/17	3391.62	47.59	47.98	0.39	3,343.97
MW - 1	01/13/17	3391.62	47.48	47.84	0.36	3,344.09
MW - 1	01/20/17	3391.62	47.41	47.77	0.36	3,344.16
MW - 1	01/26/17	3391.62	47.51	47.92	0.41	3,344.05
MW - 1	02/03/17	3391.62	47.52	47.94	0.42	3,344.04
MW - 1	02/07/17	3391.62	47.48	47.82	0.34	3,344.09
MW - 1	02/16/17	3391.62	47.40	47.80	0.40	3,344.16
MW - 1	02/20/17	3391.62	47.45	47.79	0.34	3,344.12
MW - 1	02/27/17	3391.62	47.40	47.60	0.20	3,344.19
MW - 1	03/14/17	3391.62	47.41	47.64	0.23	3,344.18
MW - 1	03/21/17	3391.62	47.42	47.50	0.08	3,344.19
MW - 1	03/30/17	3391.62	47.34	47.40	0.06	3,344.27
MW - 1	04/04/17	3391.62	47.33	47.38	0.05	3,344.28
MW - 1	04/10/17	3391.62	47.39	47.46	0.07	3,344.22
MW - 1	04/21/17	3391.62	47.32	47.35	0.03	3,344.30
MW - 1	04/25/17	3391.62	-	47.37	0.00	3,344.25
MW - 1	05/01/17	3391.62	-	47.45	0.00	3,344.17
MW - 1	05/09/17	3391.62	-	47.40	0.00	3,344.22
MW - 1	05/15/17	3391.62	-	47.34	0.00	3,344.28
MW - 1	05/18/17	3391.62	-	47.30	0.00	3,344.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/22/17	3391.62	-	47.29	0.00	3,344.33
MW - 1	06/05/17	3391.62	-	47.27	0.00	3,344.35
MW - 1	06/14/17	3391.62	-	47.36	0.00	3,344.26
MW - 1	06/20/17	3391.62	-	47.37	0.00	3,344.25
MW - 1	06/27/17	3391.62	-	47.29	0.00	3,344.33
MW - 1	07/03/17	3391.62	-	47.35	0.00	3,344.27
MW - 1	07/11/17	3391.62	-	47.27	0.00	3,344.35
MW - 1	07/20/17	3391.62	-	47.34	0.00	3,344.28
MW - 1	07/24/17	3391.62	-	47.28	0.00	3,344.34
MW - 1	08/03/17	3391.62	-	47.30	0.00	3,344.32
MW - 1	08/08/17	3391.62	-	47.28	0.00	3,344.34
MW - 1	08/17/17	3391.62	-	47.32	0.00	3,344.30
MW - 1	08/21/17	3391.62	-	47.29	0.00	3,344.33
MW - 1	08/29/17	3391.62	47.20	47.22	0.02	3,344.42
MW - 1	09/05/17	3391.62	-	47.31	0.00	3,344.31
MW - 1	09/12/17	3391.62	-	47.15	0.00	3,344.47
MW - 1	09/18/17	3391.62	-	47.16	0.00	3,344.46
MW - 1	10/06/17	3391.62	-	47.27	0.00	3,344.35
MW - 1	10/13/17	3391.62	-	47.25	0.00	3,344.37
MW - 1	10/18/17	3391.62	-	47.34	0.00	3,344.28
MW - 1	10/20/17	3391.62	-	47.25	0.00	3,344.37
MW - 1	10/26/17	3391.62	-	47.13	0.00	3,344.49
MW - 1	10/31/17	3391.62	-	47.21	0.00	3,344.41
MW - 1	11/07/17	3391.62	-	47.35	0.00	3,344.27
MW - 1	11/17/17	3391.62	-	47.10	0.00	3,344.52
MW - 1	12/01/17	3391.62	-	47.18	0.00	3,344.44
MW - 1	12/07/17	3391.62	-	47.15	0.00	3,344.47
MW - 1	12/12/17	3391.62	-	47.18	0.00	3,344.44
MW - 1	12/18/17	3391.62	-	47.06	0.00	3,344.56
MW - 1	12/27/17	3391.62	-	47.03	0.00	3,344.59
MW - 1	01/05/18	3391.62	-	47.04	0.00	3,344.58
MW - 1	01/10/18	3391.62	-	46.91	0.00	3,344.71
MW - 1	01/19/18	3391.62	-	47.05	0.00	3,344.57
MW - 1	01/23/18	3391.62	-	47.22	0.00	3,344.40
MW - 1	01/31/18	3391.62	-	47.12	0.00	3,344.50
MW - 1	02/09/18	3391.62	-	47.03	0.00	3,344.59
MW - 1	02/16/18	3391.62	-	47.11	0.00	3,344.51
MW - 1	02/22/18	3391.62	-	47.05	0.00	3,344.57
MW - 1	03/01/18	3391.62	-	47.08	0.00	3,344.54
MW - 1	03/05/18	3391.62	-	47.02	0.00	3,344.60
MW - 1	03/15/18	3391.62	-	46.97	0.00	3,344.65
MW - 1	03/23/18	3391.62	-	46.97	0.00	3,344.65
MW - 1	03/30/18	3391.62	-	47.03	0.00	3,344.59
MW - 1	04/04/18	3391.62	-	47.02	0.00	3,344.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	04/11/18	3391.62	-	47.00	0.00	3,344.62
MW - 1	04/20/18	3391.62	-	46.98	0.00	3,344.64
MW - 1	04/25/18	3391.62	-	47.01	0.00	3,344.61
MW - 1	05/23/18	3391.62	-	46.99	0.00	3,344.63
MW - 1	05/31/18	3391.62	-	47.00	0.00	3,344.62
MW - 1	06/15/18	3391.62	-	47.03	0.00	3,344.59
MW - 1	06/20/18	3391.62	-	47.05	0.00	3,344.57
MW - 1	06/27/18	3391.62	-	47.10	0.00	3,344.52
MW - 1	07/05/18	3391.62	-	47.10	0.00	3,344.52
MW - 1	07/09/18	3391.62	-	47.21	0.00	3,344.41
MW - 1	07/26/18	3391.62	-	47.15	0.00	3,344.47
MW - 1	07/31/18	3391.62	-	47.13	0.00	3,344.49
MW - 1	08/14/18	3391.62	-	47.12	0.00	3,344.50
MW - 1	08/29/18	3391.62	-	47.20	0.00	3,344.42
MW - 1	09/07/18	3391.62	-	47.20	0.00	3,344.42
MW - 1	09/19/18	3391.62	-	47.18	0.00	3,344.44
MW - 1	09/28/18	3391.62	-	47.20	0.00	3,344.42
MW - 1	10/04/18	3391.62	-	47.29	0.00	3,344.33
MW - 1	10/17/18	3391.62	-	47.35	0.00	3,344.27
MW - 1	11/09/18	3391.62	-	47.32	0.00	3,344.30
MW - 1	11/15/18	3391.62	-	47.18	0.00	3,344.44
MW - 1	11/29/18	3391.62	-	47.10	0.00	3,344.52
MW - 1	12/03/18	3391.62	-	47.20	0.00	3,344.42
MW - 1	12/13/18	3391.62	-	47.18	0.00	3,344.44
MW - 1	12/21/18	3391.62	-	47.07	0.00	3,344.55
MW - 1	12/28/18	3391.62	-	47.08	0.00	3,344.54
MW - 1	01/03/19	3391.62	-	47.11	0.00	3,344.51
MW - 1	01/07/19	3391.62	-	47.10	0.00	3,344.52
MW - 1	01/16/19	3391.62	-	47.09	0.00	3,344.53
MW - 1	01/21/19	3391.62	-	47.00	0.00	3,344.62
MW - 1	01/28/19	3391.62	-	47.23	0.00	3,344.39
MW - 1	02/08/19	3391.62	-	47.19	0.00	3,344.43
MW - 1	02/13/19	3391.62	-	47.09	0.00	3,344.53
MW - 1	02/19/19	3391.62	-	46.91	0.00	3,344.71
MW - 1	03/01/19	3391.62	-	47.04	0.00	3,344.58
MW - 1	03/05/19	3391.62	-	47.06	0.00	3,344.56
MW - 1	03/20/19	3391.62	-	47.03	0.00	3,344.59
MW - 1	03/27/19	3391.62	-	46.92	0.00	3,344.70
MW - 1	04/04/19	3391.62	-	47.00	0.00	3,344.62
MW - 1	04/09/19	3391.62	-	46.93	0.00	3,344.69
MW - 1	04/16/19	3391.62	-	46.91	0.00	3,344.71
MW - 1	04/23/19	3391.62	-	46.93	0.00	3,344.69
MW - 1	05/03/19	3391.62	-	46.93	0.00	3,344.69
MW - 1	05/10/19	3391.62	-	46.97	0.00	3,344.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/15/19	3391.62	-	46.81	0.00	3,344.81
MW - 1	05/23/19	3391.62	-	46.84	0.00	3,344.78
MW - 1	06/11/19	3391.62	-	46.86	0.00	3,344.76
MW - 1	06/20/19	3391.62	-	46.82	0.00	3,344.80
MW - 1	06/25/19	3391.62	-	46.84	0.00	3,344.78
MW - 1	07/03/19	3391.62	-	46.82	0.00	3,344.80
MW - 1	07/15/19	3391.62	-	46.80	0.00	3,344.82
MW - 1	07/31/19	3391.62	-	46.82	0.00	3,344.80
MW - 1	08/15/19	3391.62	-	46.81	0.00	3,344.81
MW - 1	09/06/19	3391.62	-	46.78	0.00	3,344.84
MW - 1	09/10/19	3391.62	-	46.23	0.00	3,345.39
MW - 1	09/18/19	3391.62	-	46.75	0.00	3,344.87
MW - 1	10/18/19	3391.62	-	46.65	0.00	3,344.97
MW - 1	11/01/19	3391.62	-	46.70	0.00	3,344.92
MW - 1	11/13/19	3391.62	-	46.54	0.00	3,345.08
MW - 1	11/25/19	3391.62	-	46.65	0.00	3,344.97
MW - 1	12/05/19	3391.62	-	46.69	0.00	3,344.93
MW - 1	12/12/19	3391.62	-	46.67	0.00	3,344.95
MW - 1	01/24/20	3391.62	-	46.60	0.00	3,345.02
MW - 1	01/31/20	3391.62	-	46.67	0.00	3,344.95
MW - 1	02/06/20	3391.62	-	46.54	0.00	3,345.08
MW - 1	02/21/20	3391.62	-	46.60	0.00	3,345.02
MW - 1	02/14/20	3391.62	-	46.58	0.00	3,345.04
MW - 1	02/25/20	3391.62	-	46.60	0.00	3,345.02
MW - 1	05/28/20	3391.62	-	46.48	0.00	3,345.14
MW - 1	06/15/20	3391.62	-	46.43	0.00	3,345.19
MW - 1	08/27/20	3391.62	-	46.55	0.00	3,345.07
MW - 1	09/10/20	3391.62	-	46.68	0.00	3,344.94
MW - 1	10/21/20	3391.62	-	46.62	0.00	3,345.00
MW - 1	11/02/20	3391.62	-	46.70	0.00	3,344.92
MW - 1	12/01/20	3391.62	-	46.54	0.00	3,345.08
MW - 1	01/06/21	3391.62	-	46.51	0.00	3,345.11
MW - 1	02/04/21	3391.62	-	46.58	0.00	3,345.04
MW - 1	02/12/21	3391.62	-	46.63	0.00	3,344.99
MW - 1	03/31/21	3391.62	-	46.52	0.00	3,345.10
MW - 1	04/13/21	3391.62	-	46.41	0.00	3,345.21
MW - 1	04/26/21	3391.62	-	46.32	0.00	3,345.30
MW - 1	05/11/21	3391.62	-	46.35	0.00	3,345.27
MW - 1	06/17/21	3391.62	-	46.33	0.00	3,345.29
MW - 1	07/12/21	3391.62	-	46.46	0.00	3,345.16
MW - 1	07/28/21	3391.62	-	46.55	0.00	3,345.07
MW - 1	08/10/21	3391.62	-	46.58	0.00	3,345.04
MW - 1	08/19/21	3391.62	-	46.59	0.00	3,345.03
MW - 1	09/14/21	3391.62	-	46.71	0.00	3,344.91

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	09/24/21	3391.62	-	46.70	0.00	3,344.92
MW - 1	10/18/21	3391.62	-	46.75	0.00	3,344.87
MW - 1	10/25/21	3391.62	-	46.74	0.00	3,344.88
MW - 1	11/30/21	3391.62	-	46.76	0.00	3,344.86
MW - 2	03/03/99	3390.85	46.33	49.33	3.00	3,344.07
MW - 2	05/12/99	3390.85	46.46	49.02	2.56	3,344.01
MW - 2	18/23/99	3390.85	46.65	49.38	2.73	3,343.79
MW - 2	11/29/99	3390.85	45.98	46.25	0.27	3,344.83
MW - 2	03/09/00	3390.85	46.68	48.40	1.72	3,343.91
MW - 2	05/11/00	3390.85	46.43	47.96	1.53	3,344.19
MW - 2	09/12/00	3390.85	46.31	47.77	1.46	3,344.32
MW - 2	12/14/00	3390.85	46.21	46.76	0.55	3,344.56
MW - 2	03/21/01	3390.85	46.68	48.40	1.72	3,343.91
MW - 2	05/30/01	3390.85	46.56	48.17	1.61	3,344.05
MW - 2	09/25/01	3390.85	46.74	48.59	1.85	3,343.83
MW - 2	11/17/01	3390.85	46.20	46.76	0.56	3,344.57
MW - 2	02/20/02	3390.85	46.31	47.42	1.11	3,344.37
MW - 2	05/20/02	3390.85	46.69	48.48	1.79	3,343.89
MW - 2	09/24/02	3390.85	47.33	49.90	2.57	3,343.13
MW - 2	10/29/02	3390.85	42.62	50.12	7.50	3,347.11
MW - 2	11/06/02	3390.85	48.32	49.97	1.65	3,342.28
MW - 2	11/13/02	3390.85	47.78	50.16	2.38	3,342.71
MW - 2	01/07/03	3390.85	47.67	50.20	2.53	3,342.80
MW - 2	01/13/03	3390.85	47.67	49.96	2.29	3,342.84
MW - 2	01/27/03	3390.85	48.23	48.26	0.03	3,342.62
MW - 2	02/06/03	3390.85	48.22	48.70	0.48	3,342.56
MW - 2	02/19/03	3390.85	48.25	49.92	1.67	3,342.35
MW - 2	03/05/03	3390.85	48.21	50.01	1.80	3,342.37
MW - 2	03/11/03	3390.85	47.81	48.42	0.61	3,342.95
MW - 2	03/19/03	3390.85	47.96	48.40	0.44	3,342.82
MW - 2	03/25/03	3390.85	47.53	48.31	0.78	3,343.20
MW - 2	04/02/03	3390.85	47.72	48.15	0.43	3,343.07
MW - 2	04/16/03	3390.85	47.66	48.76	1.10	3,343.03
MW - 2	04/23/03	3390.85	47.59	48.52	0.93	3,343.12
MW - 2	04/29/03	3390.85	47.60	48.63	1.03	3,343.10
MW - 2	05/08/03	3390.85	47.64	49.02	1.38	3,343.00
MW - 2	05/15/03	3390.85	47.80	49.54	1.74	3,342.79
MW - 2	05/20/03	3390.85	48.01	49.76	1.75	3,342.58
MW - 2	05/27/03	3390.85	48.44	49.51	1.07	3,342.25
MW - 2	06/03/03	3390.85	48.00	49.76	1.76	3,342.59
MW - 2	06/10/03	3390.85	48.13	50.10	1.97	3,342.42
MW - 2	06/25/03	3390.85	48.24	49.44	1.20	3,342.43
MW - 2	07/02/03	3390.85	48.27	50.41	2.14	3,342.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	07/07/03	3390.85	48.23	50.43	2.20	3,342.29
MW - 2	07/22/03	3390.85	sheen	48.19	0.00	3,342.66
MW - 2	07/30/03	3390.85	47.72	49.15	1.43	3,342.92
MW - 2	08/06/03	3390.85	47.69	48.32	0.63	3,343.07
MW - 2	08/13/03	3390.85	47.99	49.10	1.11	3,342.69
MW - 2	08/19/03	3390.85	47.86	49.50	1.64	3,342.74
MW - 2	08/20/03	3390.85	48.17	49.94	1.77	3,342.41
MW - 2	08/25/03	3390.85	48.27	50.28	2.01	3,342.28
MW - 2	09/08/03	3390.85	48.50	49.16	0.66	3,342.25
MW - 2	09/15/03	3390.85	48.55	48.91	0.36	3,342.25
MW - 2	09/24/03	3390.85	48.61	49.11	0.50	3,342.17
MW - 2	09/30/03	3390.85	48.65	49.60	0.95	3,342.06
MW - 2	10/07/03	3390.85	48.56	50.22	1.66	3,342.04
MW - 2	10/22/03	3390.85	48.50	50.28	1.78	3,342.08
MW - 2	10/27/03	3390.85	48.45	50.18	1.73	3,342.14
MW - 2	11/07/03	3390.85	48.56	50.28	1.72	3,342.03
MW - 2	11/10/03	3390.85	48.50	50.11	1.61	3,342.11
MW - 2	11/17/03	3390.85	47.98	49.27	1.29	3,342.68
MW - 2	12/08/03	3390.85	47.27	47.32	0.05	3,343.57
MW - 2	12/17/03	3390.85	47.95	49.29	1.34	3,342.70
MW - 2	12/22/03	3390.85	48.49	50.18	1.69	3,342.11
MW - 2	01/02/04	3390.85	46.81	46.83	0.02	3,344.04
MW - 2	01/06/04	3390.85	48.50	50.06	1.56	3,342.12
MW - 2	01/19/04	3390.85	47.28	47.30	0.02	3,343.57
MW - 2	01/26/04	3390.85	47.36	47.39	0.03	3,343.49
MW - 2	02/02/04	3390.85	47.38	47.41	0.03	3,343.47
MW - 2	02/09/04	3390.85	47.00	47.21	0.21	3,343.82
MW - 2	02/19/04	3390.85	47.04	47.05	0.01	3,343.81
MW - 2	02/23/04	3390.85	47.02	47.20	0.18	3,343.80
MW - 2	03/01/04	3390.85	46.99	47.18	0.19	3,343.83
MW - 2	03/10/04	3390.85	47.07	47.19	0.12	3,343.76
MW - 2	03/15/04	3390.85	sheen	47.55	0.00	3,343.30
MW - 2	03/23/04	3390.85	48.05	48.06	0.01	3,342.80
MW - 2	03/30/04	3390.85	48.17	48.26	0.09	3,342.67
MW - 2	04/12/04	3390.85	48.10	48.13	0.03	3,342.75
MW - 2	04/20/04	3390.85	sheen	47.58	0.00	3,343.27
MW - 2	05/03/04	3390.85	sheen	48.11	0.00	3,342.74
MW - 2	05/04/04	3390.85	sheen	48.11	0.00	3,342.74
MW - 2	06/09/04	3390.85	48.07	48.59	0.52	3,342.70
MW - 2	06/16/04	3390.85	48.08	48.54	0.46	3,342.70
MW - 2	06/23/04	3390.85	48.13	48.55	0.42	3,342.66
MW - 2	06/30/04	3390.85	48.10	48.51	0.41	3,342.69
MW - 2	07/13/04	3390.85	48.28	49.06	0.78	3,342.45
MW - 2	07/22/04	3390.85	48.44	49.36	0.92	3,342.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	08/23/04	3390.85	48.38	49.70	1.32	3,342.27
MW - 2	09/13/04	3390.85	48.36	49.97	1.61	3,342.25
MW - 2	09/22/04	3390.85	48.41	50.35	1.94	3,342.15
MW - 2	09/29/04	3390.85	48.30	49.80	1.50	3,342.33
MW - 2	10/04/04	3390.85	47.84	48.76	0.92	3,342.87
MW - 2	10/11/04	3390.85	47.74	48.45	0.71	3,343.00
MW - 2	10/19/04	3390.85	47.73	48.63	0.90	3,342.99
MW - 2	10/25/04	3390.85	47.79	48.59	0.80	3,342.94
MW - 2	11/01/04	3390.85	47.98	49.10	1.12	3,342.70
MW - 2	11/09/04	3390.85	48.01	48.96	0.95	3,342.70
MW - 2	11/17/04	3390.85	47.90	49.10	1.20	3,342.77
MW - 2	11/22/04	3390.85	48.03	48.87	0.84	3,342.69
MW - 2	11/29/04	3390.85	46.53	47.00	0.47	3,344.25
MW - 2	12/04/04	3390.85	47.22	47.40	0.18	3,343.60
MW - 2	12/13/04	3390.85	46.99	47.07	0.08	3,343.85
MW - 2	12/20/04	3390.85	47.03	47.12	0.09	3,343.81
MW - 2	12/30/04	3390.85	46.65	46.67	0.02	3,344.20
MW - 2	01/03/05	3390.85	sheen	46.59	0.00	3,344.26
MW - 2	01/10/05	3390.85	47.10	47.18	0.08	3,343.74
MW - 2	01/17/05	3390.85	sheen	46.76	0.00	3,344.09
MW - 2	01/24/05	3390.85	sheen	46.82	0.00	3,344.03
MW - 2	01/31/05	3390.85	sheen	46.89	0.00	3,343.96
MW - 2	02/07/05	3390.85	sheen	46.81	0.00	3,344.04
MW - 2	02/14/05	3390.85	sheen	46.93	0.00	3,343.92
MW - 2	02/21/05	3390.85	sheen	46.87	0.00	3,343.98
MW - 2	02/28/05	3390.85	sheen	46.90	0.00	3,343.95
MW - 2	03/07/05	3390.85	-	46.75	0.00	3,344.10
MW - 2	03/07/05	3390.85	sheen	46.75	0.00	3,344.10
MW - 2	03/16/05	3390.85	sheen	46.58	0.00	3,344.27
MW - 2	03/21/05	3390.85	sheen	46.52	0.00	3,344.33
MW - 2	03/28/05	3390.85	sheen	46.67	0.00	3,344.18
MW - 2	04/04/05	3390.85	sheen	46.66	0.00	3,344.19
MW - 2	04/13/05	3390.85	sheen	46.67	0.00	3,344.18
MW - 2	04/18/05	3390.85	sheen	46.64	0.00	3,344.21
MW - 2	05/23/05	3390.85	sheen	46.89	0.00	3,343.96
MW - 2	06/07/05	3390.85	-	46.67	0.00	3,344.18
MW - 2	06/21/05	3390.85	sheen	46.83	0.00	3,344.02
MW - 2	07/26/05	3390.85	sheen	46.69	0.00	3,344.16
MW - 2	08/25/05	3390.85	sheen	46.71	0.00	3,344.14
MW - 2	09/07/05	3390.85	-	46.68	0.00	3,344.17
MW - 2	09/26/05	3390.85	sheen	46.78	0.00	3,344.07
MW - 2	11/14/05	3390.85	sheen	46.51	0.00	3,344.34
MW - 2	12/14/05	3390.85	-	46.09	0.00	3,344.76
MW - 2	12/28/05	3390.85	sheen	45.81	0.00	3,345.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	01/18/06	3390.85	sheen	45.89	0.00	3,344.96
MW - 2	02/15/06	3390.85	sheen	45.71	0.00	3,345.14
MW - 2	03/06/06	3390.85	sheen	45.83	0.00	3,345.02
MW - 2	03/20/06	3390.85	sheen	45.90	0.00	3,344.95
MW - 2	04/13/06	3390.85	sheen	45.72	0.00	3,345.13
MW - 2	04/19/06	3390.85	sheen	45.81	0.00	3,345.04
MW - 2	05/25/06	3390.85	sheen	45.55	0.00	3,345.30
MW - 2	06/05/06	3390.85	sheen	45.52	0.00	3,345.33
MW - 2	09/11/06	3390.85	sheen	46.08	0.00	3,344.77
MW - 2	10/31/06	3390.85	sheen	46.30	0.00	3,344.55
MW - 2	11/16/06	3390.85	sheen	46.13	0.00	3,344.72
MW - 2	11/21/06	3390.85	sheen	46.97	0.00	3,343.88
MW - 2	01/26/07	3390.85	sheen	46.02	0.00	3,344.83
MW - 2	01/31/07	3390.85	sheen	45.91	0.00	3,344.94
MW - 2	02/15/07	3390.85	-	45.96	0.00	3,344.89
MW - 2	02/20/07	3390.85	sheen	45.94	0.00	3,344.91
MW - 2	05/15/07	3390.85	sheen	46.04	0.00	3,344.81
MW - 2	08/09/07	3390.85	sheen	45.82	0.00	3,345.03
MW - 2	10/01/07	3390.85	sheen	46.11	0.00	3,344.74
MW - 2	10/12/07	3390.85	sheen	46.11	0.00	3,344.74
MW - 2	11/13/07	3390.85	sheen	46.14	0.00	3,344.71
MW - 2	02/14/08	3390.85	-	46.40	0.00	3,344.45
MW - 2	04/18/08	3390.85	-	45.42	0.00	3,345.43
MW - 2	05/16/08	3390.85	-	45.67	0.00	3,345.18
MW - 2	07/15/08	3390.85	-	46.10	0.00	3,344.75
MW - 2	07/16/08	3390.85	-	46.18	0.00	3,344.67
MW - 2	08/12/08	3390.85	-	46.23	0.00	3,344.62
MW - 2	08/19/08	3390.85	-	46.21	0.00	3,344.64
MW - 2	10/09/08	3390.85	-	46.41	0.00	3,344.44
MW - 2	11/19/08	3390.85	-	46.29	0.00	3,344.56
MW - 2	12/17/08	3390.85	-	46.45	0.00	3,344.40
MW - 2	02/18/09	3390.85	-	45.66	0.00	3,345.19
MW - 2	03/03/09	3390.85	-	45.65	0.00	3,345.20
MW - 2	03/10/09	3390.85	-	45.83	0.00	3,345.02
MW - 2	03/18/09	3390.85	-	45.91	0.00	3,344.94
MW - 2	03/27/09	3390.85	-	45.92	0.00	3,344.93
MW - 2	04/07/09	3390.85	-	46.09	0.00	3,344.76
MW - 2	04/14/09	3390.85	-	46.12	0.00	3,344.73
MW - 2	04/28/09	3390.85	-	46.22	0.00	3,344.63
MW - 2	05/19/09	3390.85	-	46.32	0.00	3,344.53
MW - 2	05/27/09	3390.85	-	46.42	0.00	3,344.43
MW - 2	06/04/09	3390.85	-	46.41	0.00	3,344.44
MW - 2	06/12/09	3390.85	-	46.46	0.00	3,344.39
MW - 2	06/18/09	3390.85	-	46.52	0.00	3,344.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	06/30/09	3390.85	-	45.63	0.00	3,345.22
MW - 2	07/07/09	3390.85	-	46.52	0.00	3,344.33
MW - 2	07/14/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	07/21/09	3390.85	-	46.58	0.00	3,344.27
MW - 2	07/28/09	3390.85	-	46.51	0.00	3,344.34
MW - 2	08/07/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	08/13/09	3390.85	-	46.50	0.00	3,344.35
MW - 2	08/21/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	08/27/09	3390.85	-	46.56	0.00	3,344.29
MW - 2	09/10/09	3390.85	-	46.56	0.00	3,344.29
MW - 2	09/18/09	3390.85	-	46.54	0.00	3,344.31
MW - 2	09/29/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	10/06/09	3390.85	-	46.54	0.00	3,344.31
MW - 2	10/20/09	3390.85	-	46.55	0.00	3,344.30
MW - 2	10/27/09	3390.85	-	46.56	0.00	3,344.29
MW - 2	11/11/09	3390.85	-	46.61	0.00	3,344.24
MW - 2	11/13/09	3390.85		46.50	0.00	3,344.35
MW - 2	12/08/09	3390.85		46.53	0.00	3,344.32
MW - 2	12/22/09	3390.85	-	46.55	0.00	3,344.30
MW - 2	01/12/10	3390.85	-	46.60	0.00	3,344.25
MW - 2	01/22/10	3390.85	-	46.58	0.00	3,344.27
MW - 2	02/04/10	3390.85		46.68	0.00	3,344.17
MW - 2	03/03/10	3390.85	-	46.89	0.00	3,343.96
MW - 2	03/16/10	3390.85	-	46.90	0.00	3,343.95
MW - 2	04/15/10	3390.85	-	46.91	0.00	3,343.94
MW - 2	05/07/10	3390.85	-	46.87	0.00	3,343.98
MW - 2	05/28/10	3390.85	-	46.96	0.00	3,343.89
MW - 2	06/08/10	3390.85	-	46.90	0.00	3,343.95
MW - 2	06/25/10	3390.85	-	46.88	0.00	3,343.97
MW - 2	07/08/10	3390.85	-	46.86	0.00	3,343.99
MW - 2	07/28/10	3390.85	-	46.90	0.00	3,343.95
MW - 2	08/06/10	3390.85	-	46.88	0.00	3,343.97
MW - 2	08/31/10	3390.85	-	46.99	0.00	3,343.86
MW - 2	09/10/10	3390.85	-	46.99	0.00	3,343.86
MW - 2	09/24/10	3390.85	-	46.95	0.00	3,343.90
MW - 2	10/06/10	3390.85	-	46.96	0.00	3,343.89
MW - 2	10/26/10	3390.85	-	46.58	0.00	3,344.27
MW - 2	11/05/10	3390.85	-	46.90	0.00	3,343.95
MW - 2	12/17/10	3390.85	-	46.57	0.00	3,344.28
MW - 2	01/13/11	3390.85	sheen	46.97	0.00	3,343.88
MW - 2	02/11/11	3390.85	-	46.91	0.00	3,343.94
MW - 2	05/09/11	3390.85	-	46.90	0.00	3,343.95
MW - 2	05/20/11	3390.85	-	47.34	0.00	3,343.51
MW - 2	06/29/11	3390.85	-	47.39	0.00	3,343.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	07/05/11	3390.85	-	47.59	0.00	3,343.26
MW - 2	07/25/11	3390.85	-	47.61	0.00	3,343.24
MW - 2	08/05/11	3390.85	-	46.91	0.00	3,343.94
MW - 2	08/11/11	3390.85	-	47.65	0.00	3,343.20
MW - 2	08/24/11	3390.85	-	47.76	0.00	3,343.09
MW - 2	09/09/11	3390.85	-	47.84	0.00	3,343.01
MW - 2	09/23/11	3390.85	-	47.91	0.00	3,342.94
MW - 2	10/26/11	3390.85	-	47.88	0.00	3,342.97
MW - 2	11/17/11	3390.85	-	47.87	0.00	3,342.98
MW - 2	01/30/12	3390.85	-	47.89	0.00	3,342.96
MW - 2	02/28/12	3390.85	-	47.69	0.00	3,343.16
MW - 2	03/15/12	3390.85	-	47.59	0.00	3,343.26
MW - 2	03/28/12	3390.85	-	47.50	0.00	3,343.35
MW - 2	04/05/12	3390.85	-	47.53	0.00	3,343.32
MW - 2	04/23/12	3390.85	-	45.52	0.00	3,345.33
MW - 2	05/03/12	3390.85	-	47.65	0.00	3,343.20
MW - 2	06/28/12	3390.85	-	47.89	0.00	3,342.96
MW - 2	08/24/12	3390.85	48.08	48.25	0.17	3,342.74
MW - 2	10/12/12	3390.85	47.87	48.49	0.62	3,342.89
MW - 2	10/24/12	3390.85	47.77	48.21	0.44	3,343.01
MW - 2	11/15/12	3390.85	47.79	48.31	0.52	3,342.98
MW - 2	12/20/12	3390.85	47.75	48.41	0.66	3,343.00
MW - 2	01/14/13	3390.85	47.63	48.11	0.48	3,343.15
MW - 2	02/14/13	3390.85	47.61	48.11	0.50	3,343.17
MW - 2	03/29/13	3390.85	47.56	47.88	0.32	3,343.24
MW - 2	04/19/13	3390.85	47.55	47.94	0.39	3,343.24
MW - 2	04/30/13	3390.85	47.51	47.82	0.31	3,343.29
MW - 2	05/23/13	3390.85	47.55	48.11	0.56	3,343.22
MW - 2	05/28/13	3390.85	47.56	48.04	0.48	3,343.22
MW - 2	05/30/13	3390.85	47.56	48.06	0.50	3,343.22
MW - 2	06/06/13	3390.85	47.62	48.41	0.79	3,343.11
MW - 2	06/13/13	3390.85	47.63	48.47	0.84	3,343.09
MW - 2	06/19/13	3390.85	47.63	48.39	0.76	3,343.11
MW - 2	07/30/13	3390.85	47.80	49.08	1.28	3,342.86
MW - 2	08/06/13	3390.85	47.82	49.03	1.21	3,342.85
MW - 2	08/09/13	3390.85	47.86	49.17	1.31	3,342.79
MW - 2	08/30/13	3390.85	47.91	49.19	1.28	3,342.75
MW - 2	09/12/13	3390.85	47.97	49.17	1.20	3,342.70
MW - 2	10/03/13	3390.85	48.00	49.16	1.16	3,342.68
MW - 2	11/01/13	3390.85	48.09	49.37	1.28	3,342.57
MW - 2	11/07/13	3390.85	48.14	49.27	1.13	3,342.54
MW - 2	12/10/13	3390.85	48.04	49.23	1.19	3,342.63
MW - 2	01/01/14	3390.85	47.95	49.05	1.10	3,342.74
MW - 2	01/16/14	3390.85	48.28	49.02	0.74	3,342.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	01/23/14	3390.85	48.10	49.50	1.40	3,342.54
MW - 2	01/28/14	3390.85	48.15	49.32	1.17	3,342.52
MW - 2	02/11/14	3390.85	48.10	49.25	1.15	3,342.58
MW - 2	03/05/14	3390.85	48.08	49.42	1.34	3,342.57
MW - 2	03/13/14	3390.85	48.06	49.35	1.29	3,342.60
MW - 2	03/29/14	3390.85	48.01	49.30	1.29	3,342.65
MW - 2	04/08/14	3390.85	48.08	49.40	1.32	3,342.57
MW - 2	04/17/14	3390.85	48.08	49.37	1.29	3,342.58
MW - 2	04/25/14	3390.85	48.00	49.12	1.12	3,342.68
MW - 2	05/01/14	3390.85	48.02	49.10	1.08	3,342.67
MW - 2	05/08/14	3390.85	48.00	48.99	0.99	3,342.70
MW - 2	05/14/14	3390.85	48.00	48.95	0.95	3,342.71
MW - 2	05/23/14	3390.85	48.06	49.23	1.17	3,342.61
MW - 2	05/27/14	3390.85	48.06	49.09	1.03	3,342.64
MW - 2	05/29/14	3390.85	48.15	49.02	0.87	3,342.57
MW - 2	06/11/14	3390.85	48.12	49.28	1.16	3,342.56
MW - 2	06/05/14	3390.85	48.09	49.25	1.16	3,342.59
MW - 2	06/18/14	3390.85	48.14	49.35	1.21	3,342.53
MW - 2	06/26/14	3390.85	48.14	49.48	1.34	3,342.51
MW - 2	07/01/14	3390.85	48.25	49.43	1.18	3,342.42
MW - 2	07/10/14	3390.85	48.24	49.73	1.49	3,342.39
MW - 2	07/17/14	3390.85	48.24	49.85	1.61	3,342.37
MW - 2	07/23/14	3390.85	48.38	49.55	1.17	3,342.29
MW - 2	07/31/14	3390.85	48.40	49.36	0.96	3,342.31
MW - 2	08/06/14	3390.85	48.45	49.03	0.58	3,342.31
MW - 2	08/12/14	3390.85	48.50	49.13	0.63	3,342.26
MW - 2	08/21/14	3390.85	49.05	49.68	0.63	3,341.71
MW - 2	09/04/14	3390.85	48.57	49.43	0.86	3,342.15
MW - 2	10/02/14	3390.85	48.29	49.70	1.41	3,342.35
MW - 2	10/08/14	3390.85	48.29	49.31	1.02	3,342.41
MW - 2	10/14/14	3390.85	48.29	49.34	1.05	3,342.40
MW - 2	10/17/14	3390.85	48.34	49.19	0.85	3,342.38
MW - 2	10/23/14	3390.85	48.25	49.32	1.07	3,342.44
MW - 2	10/24/14	3390.85	48.25	49.32	1.07	3,342.44
MW - 2	10/28/14	3390.85	48.27	49.17	0.90	3,342.45
MW - 2	11/07/14	3390.85	48.15	49.27	1.12	3,342.53
MW - 2	11/14/14	3390.85	48.17	49.24	1.07	3,342.52
MW - 2	11/15/14	3390.85	48.13	49.14	1.01	3,342.57
MW - 2	12/04/14	3390.85	48.14	49.21	1.07	3,342.55
MW - 2	12/11/14	3390.85	48.12	49.19	1.07	3,342.57
MW - 2	12/18/14	3390.85	48.00	49.02	1.02	3,342.70
MW - 2	12/23/14	3390.85	48.11	49.17	1.06	3,342.58
MW - 2	01/07/15	3390.85	48.05	49.00	0.95	3,342.66
MW - 2	01/15/15	3390.85	47.96	49.08	1.12	3,342.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	01/28/15	3390.85	47.57	48.86	1.29	3,343.09
MW - 2	02/04/15	3390.85	47.83	48.48	0.65	3,342.92
MW - 2	02/13/15	3390.85	47.85	48.52	0.67	3,342.90
MW - 2	02/16/15	3390.85	47.83	48.43	0.60	3,342.93
MW - 2	02/17/15	3390.85	47.87	48.53	0.66	3,342.88
MW - 2	02/24/15	3390.85	47.82	48.36	0.54	3,342.95
MW - 2	03/10/15	3390.85	47.78	48.24	0.46	3,343.00
MW - 2	03/17/15	3390.85	47.76	48.22	0.46	3,343.02
MW - 2	03/18/15	3390.85	47.72	48.13	0.41	3,343.07
MW - 2	03/25/15	3390.85	47.71	48.07	0.36	3,343.09
MW - 2	04/07/15	3390.85	47.70	48.00	0.30	3,343.11
MW - 2	04/08/15	3390.85	47.62	47.85	0.23	3,343.20
MW - 2	04/21/15	3390.85	47.67	47.71	0.04	3,343.17
MW - 2	04/28/15	3390.85	48.14	49.14	1.00	3,342.56
MW - 2	05/06/15	3390.85	47.59	47.76	0.17	3,343.23
MW - 2	05/20/15	3390.85	-	47.54	0.00	3,343.31
MW - 2	05/28/15	3390.85	-	47.42	0.00	3,343.43
MW - 2	06/02/15	3390.85	-	47.46	0.00	3,343.39
MW - 2	06/09/15	3390.85	-	47.44	0.00	3,343.41
MW - 2	06/18/15	3390.85	-	47.52	0.00	3,343.33
MW - 2	06/30/15	3390.85	-	47.54	0.00	3,343.31
MW - 2	07/06/15	3390.85	-	47.54	0.00	3,343.31
MW - 2	07/09/15	3390.85	-	47.51	0.00	3,343.34
MW - 2	07/21/15	3390.85	-	47.50	0.00	3,343.35
MW - 2	07/28/15	3390.85	-	47.50	0.00	3,343.35
MW - 2	08/06/15	3390.85	48.17	49.14	0.97	3,342.53
MW - 2	08/11/15	3390.85	-	47.55	0.00	3,343.30
MW - 2	08/18/15	3390.85	-	47.54	0.00	3,343.31
MW - 2	08/26/15	3390.85	-	47.70	0.00	3,343.15
MW - 2	09/11/15	3390.85	-	47.71	0.00	3,343.14
MW - 2	09/17/15	3390.85	-	47.73	0.00	3,343.12
MW - 2	09/25/15	3390.85	47.86	47.87	0.01	3,342.99
MW - 2	09/30/15	3390.85	47.81	47.82	0.01	3,343.04
MW - 2	10/06/15	3390.85	47.80	47.81	0.01	3,343.05
MW - 2	10/09/15	3390.85	47.90	47.91	0.01	3,342.95
MW - 2	10/13/15	3390.85	47.89	47.90	0.01	3,342.96
MW - 2	10/15/15	3390.85	47.88	47.89	0.01	3,342.97
MW - 2	10/21/15	3390.85	48.78	48.89	0.11	3,342.05
MW - 2	10/26/15	3390.85	48.78	48.88	0.10	3,342.06
MW - 2	11/09/15	3390.85	47.88	47.92	0.04	3,342.96
MW - 2	11/20/15	3390.85	47.76	47.81	0.05	3,343.08
MW - 2	11/25/15	3390.85	47.94	47.95	0.01	3,342.91
MW - 2	12/01/15	3390.85	-	47.86	0.00	3,342.99
MW - 2	12/09/15	3390.85	-	47.87	0.00	3,342.98

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	12/11/15	3390.85	-	47.63	0.00	3,343.22
MW - 2	12/15/15	3390.85	-	48.11	0.00	3,342.74
MW - 2	01/06/16	3390.85	-	47.56	0.00	3,343.29
MW - 2	01/11/16	3390.85	-	47.48	0.00	3,343.37
MW - 2	01/13/16	3390.85	-	47.33	0.00	3,343.52
MW - 2	01/28/16	3390.85	-	47.50	0.00	3,343.35
MW - 2	02/03/16	3390.85	-	47.39	0.00	3,343.46
MW - 2	02/10/16	3390.85	-	47.37	0.00	3,343.48
MW - 2	02/15/16	3390.85	-	47.24	0.00	3,343.61
MW - 2	02/17/16	3390.85	-	47.29	0.00	3,343.56
MW - 2	02/23/16	3390.85	-	47.27	0.00	3,343.58
MW - 2	03/08/16	3390.85	-	47.22	0.00	3,343.63
MW - 2	03/16/16	3390.85	-	47.18	0.00	3,343.67
MW - 2	03/18/16	3390.85	-	47.30	0.00	3,343.55
MW - 2	03/23/16	3390.85	-	47.13	0.00	3,343.72
MW - 2	03/29/16	3390.85	-	47.09	0.00	3,343.76
MW - 2	04/04/16	3390.85	-	47.23	0.00	3,343.62
MW - 2	04/08/16	3390.85	-	47.15	0.00	3,343.70
MW - 2	04/12/16	3390.85	-	47.30	0.00	3,343.55
MW - 2	05/03/16	3390.85	-	47.42	0.00	3,343.43
MW - 2	05/12/16	3390.85	-	47.15	0.00	3,343.70
MW - 2	05/26/16	3390.85	-	47.10	0.00	3,343.75
MW - 2	06/09/16	3390.85	-	47.16	0.00	3,343.69
MW - 2	07/01/16	3390.85	-	47.20	0.00	3,343.65
MW - 2	07/20/16	3390.85	-	47.39	0.00	3,343.46
MW - 2	07/28/16	3390.85	-	47.26	0.00	3,343.59
MW - 2	08/04/16	3390.85	-	47.24	0.00	3,343.61
MW - 2	08/10/16	3390.85	-	47.33	0.00	3,343.52
MW - 2	08/16/16	3390.85	-	47.34	0.00	3,343.51
MW - 2	08/23/16	3390.85	-	47.32	0.00	3,343.53
MW - 2	09/12/16	3390.85	-	47.30	0.00	3,343.55
MW - 2	09/23/16	3390.85	-	47.29	0.00	3,343.56
MW - 2	09/28/16	3390.85	-	47.31	0.00	3,343.54
MW - 2	10/12/16	3390.85	-	47.23	0.00	3,343.62
MW - 2	10/17/16	3390.85	-	47.17	0.00	3,343.68
MW - 2	11/02/16	3390.85	-	47.21	0.00	3,343.64
MW - 2	11/09/16	3390.85	-	47.22	0.00	3,343.63
MW - 2	11/29/16	3390.85	-	47.06	0.00	3,343.79
MW - 2	12/16/16	3390.85	-	46.94	0.00	3,343.91
MW - 2	12/21/16	3390.85	-	47.03	0.00	3,343.82
MW - 2	01/13/17	3390.85	-	46.89	0.00	3,343.96
MW - 2	01/20/17	3390.85	-	46.83	0.00	3,344.02
MW - 2	01/26/17	3390.85	-	46.93	0.00	3,343.92
MW - 2	02/07/17	3390.85	-	46.88	0.00	3,343.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	02/20/17	3390.85	-	46.83	0.00	3,344.02
MW - 2	02/27/17	3390.85	-	46.81	0.00	3,344.04
MW - 2	03/30/17	3390.85	-	46.70	0.00	3,344.15
MW - 2	04/04/17	3390.85	-	46.70	0.00	3,344.15
MW - 2	04/21/17	3390.85	-	46.68	0.00	3,344.17
MW - 2	05/18/17	3390.85	-	46.65	0.00	3,344.20
MW - 2	07/20/17	3390.85	-	47.63	0.00	3,343.22
MW - 2	08/29/17	3390.85	-	46.54	0.00	3,344.31
MW - 2	10/13/17	3390.85	-	46.44	0.00	3,344.41
MW - 2	10/20/17	3390.85	-	46.44	0.00	3,344.41
MW - 2	11/07/17	3390.85	-	46.48	0.00	3,344.37
MW - 2	01/31/18	3390.85	-	46.29	0.00	3,344.56
MW - 2	02/22/18	3390.85	-	46.37	0.00	3,344.48
MW - 2	03/15/18	3390.85	-	46.42	0.00	3,344.43
MW - 2	04/20/18	3390.85	-	46.39	0.00	3,344.46
MW - 2	05/23/18	3390.85	-	46.42	0.00	3,344.43
MW - 2	06/27/18	3390.85	-	46.45	0.00	3,344.40
MW - 2	07/31/18	3390.85	-	46.65	0.00	3,344.20
MW - 2	08/14/18	3390.85	-	46.49	0.00	3,344.36
MW - 2	08/29/18	3390.85	-	46.58	0.00	3,344.27
MW - 2	09/07/18	3390.85	-	46.57	0.00	3,344.28
MW - 2	09/28/18	3390.85	-	46.57	0.00	3,344.28
MW - 2	10/04/18	3390.85	-	46.61	0.00	3,344.24
MW - 2	10/17/18	3390.85	-	46.68	0.00	3,344.17
MW - 2	11/09/18	3390.85	-	46.71	0.00	3,344.14
MW - 2	11/15/18	3390.85	-	46.60	0.00	3,344.25
MW - 2	11/29/18	3390.85	-	46.42	0.00	3,344.43
MW - 2	12/03/18	3390.85	-	46.49	0.00	3,344.36
MW - 2	12/13/18	3390.85	-	46.50	0.00	3,344.35
MW - 2	12/21/18	3390.85	-	46.45	0.00	3,344.40
MW - 2	12/28/18	3390.85	-	46.52	0.00	3,344.33
MW - 2	01/03/19	3390.85	-	46.47	0.00	3,344.38
MW - 2	01/07/19	3390.85	-	46.43	0.00	3,344.42
MW - 2	01/16/19	3390.85	-	46.49	0.00	3,344.36
MW - 2	01/21/19	3390.85	-	46.36	0.00	3,344.49
MW - 2	01/28/19	3390.85	-	46.42	0.00	3,344.43
MW - 2	02/08/19	3390.85	-	46.46	0.00	3,344.39
MW - 2	02/13/19	3390.85	-	46.32	0.00	3,344.53
MW - 2	02/19/19	3390.85	-	46.28	0.00	3,344.57
MW - 2	03/01/19	3390.85	-	46.40	0.00	3,344.45
MW - 2	03/05/19	3390.85	-	46.44	0.00	3,344.41
MW - 2	03/20/19	3390.85	-	46.49	0.00	3,344.36
MW - 2	03/27/19	3390.85	-	46.33	0.00	3,344.52
MW - 2	04/04/19	3390.85	-	46.42	0.00	3,344.43

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	04/09/19	3390.85	-	46.29	0.00	3,344.56
MW - 2	04/16/19	3390.85	-	46.35	0.00	3,344.50
MW - 2	04/23/19	3390.85	-	46.38	0.00	3,344.47
MW - 2	05/03/19	3390.85	-	46.42	0.00	3,344.43
MW - 2	05/10/19	3390.85	-	46.35	0.00	3,344.50
MW - 2	05/23/19	3390.85	-	46.20	0.00	3,344.65
MW - 2	06/11/19	3390.85	-	46.21	0.00	3,344.64
MW - 2	06/20/19	3390.85	-	46.16	0.00	3,344.69
MW - 2	06/25/19	3390.85	-	46.19	0.00	3,344.66
MW - 2	07/03/19	3390.85	-	46.16	0.00	3,344.69
MW - 2	07/15/19	3390.85	-	46.14	0.00	3,344.71
MW - 2	07/31/19	3390.85	-	46.17	0.00	3,344.68
MW - 2	08/07/19	3390.85	-	46.27	0.00	3,344.58
MW - 2	08/15/19	3390.85	-	46.14	0.00	3,344.71
MW - 2	08/23/19	3390.85	-	46.17	0.00	3,344.68
MW - 2	09/06/19	3390.85	-	46.12	0.00	3,344.73
MW - 2	09/10/19	3390.85	-	46.09	0.00	3,344.76
MW - 2	09/18/19	3390.85	-	46.08	0.00	3,344.77
MW - 2	10/18/19	3390.85	-	45.98	0.00	3,344.87
MW - 2	11/01/19	3390.85	-	46.08	0.00	3,344.77
MW - 2	11/13/19	3390.85	-	45.91	0.00	3,344.94
MW - 2	11/25/19	3390.85	-	46.64	0.00	3,344.21
MW - 2	12/05/19	3390.85	-	46.05	0.00	3,344.80
MW - 2	12/12/19	3390.85	-	45.93	0.00	3,344.92
MW - 2	12/19/19	3390.85	-	45.95	0.00	3,344.90
MW - 2	12/27/19	3390.85	-	45.92	0.00	3,344.93
MW - 2	01/16/20	3390.85	-	45.98	0.00	3,344.87
MW - 2	01/24/20	3390.85	-	45.93	0.00	3,344.92
MW - 2	02/06/20	3390.85	-	45.88	0.00	3,344.97
MW - 2	02/14/20	3390.85	-	45.90	0.00	3,344.95
MW - 2	02/21/20	3390.85	-	45.97	0.00	3,344.88
MW - 2	02/25/20	3390.85	-	45.94	0.00	3,344.91
MW - 2	05/28/20	3390.85	-	45.82	0.00	3,345.03
MW - 2	06/15/20	3390.85	-	45.82	0.00	3,345.03
MW - 2	07/01/20	3390.85	-	45.82	0.00	3,345.03
MW - 2	07/29/20	3390.85	-	46.00	0.00	3,344.85
MW - 2	08/20/20	3390.85	-	46.05	0.00	3,344.80
MW - 2	08/27/20	3390.85	-	46.06	0.00	3,344.79
MW - 2	09/10/20	3390.85	-	46.12	0.00	3,344.73
MW - 2	10/21/20	3390.85	-	46.12	0.00	3,344.73
MW - 2	11/02/20	3390.85	-	46.06	0.00	3,344.79
MW - 2	12/01/20	3390.85	-	45.84	0.00	3,345.01
MW - 2	12/07/20	3390.85	-	45.97	0.00	3,344.88
MW - 2	01/06/21	3390.85	-	45.88	0.00	3,344.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	02/04/21	3390.85	-	45.92	0.00	3,344.93
MW - 2	02/12/21	3390.85	-	45.91	0.00	3,344.94
MW - 2	03/31/21	3390.85	-	45.85	0.00	3,345.00
MW - 2	04/13/21	3390.85	-	45.73	0.00	3,345.12
MW - 2	04/26/21	3390.85	-	45.66	0.00	3,345.19
MW - 2	05/11/21	3390.85	-	45.67	0.00	3,345.18
MW - 2	06/17/21	3390.85	-	45.72	0.00	3,345.13
MW - 2	07/12/21	3390.85	-	45.84	0.00	3,345.01
MW - 2	07/28/21	3390.85	-	45.97	0.00	3,344.88
MW - 2	08/10/21	3390.85	-	45.89	0.00	3,344.96
MW - 2	08/19/21	3390.85	-	45.97	0.00	3,344.88
MW - 2	09/14/21	3390.85	-	46.06	0.00	3,344.79
MW - 2	09/24/21	3390.85	-	46.10	0.00	3,344.75
MW - 2	10/18/21	3390.85	-	46.13	0.00	3,344.72
MW - 2	10/25/21	3390.85	-	46.13	0.00	3,344.72
MW - 2	11/04/21	3390.85	-	46.18	0.00	3,344.67
MW - 2	11/30/21	3390.85	-	46.13	0.00	3,344.72
MW - 2	12/27/21	3390.85	-	46.11	0.00	3,344.74
MW - 3	02/03/99	3391.08	-	47.09	0.00	3,343.99
MW - 3	05/12/99	3391.08	-	47.06	0.00	3,344.02
MW - 3	08/23/99	3391.08	-	47.24	0.00	3,343.84
MW - 3	11/29/99	3391.08	-	46.18	0.00	3,344.90
MW - 3	03/09/00	3391.08	-	47.17	0.00	3,343.91
MW - 3	05/11/00	3391.08	-	46.95	0.00	3,344.13
MW - 3	09/12/00	3391.08	-	46.89	0.00	3,344.19
MW - 3	12/14/00	3391.08	-	46.55	0.00	3,344.53
MW - 3	03/21/01	3391.08	-	46.18	0.00	3,344.90
MW - 3	05/30/01	3391.08	-	46.90	0.00	3,344.18
MW - 3	06/21/01	3391.08	-	47.12	0.00	3,343.96
MW - 3	09/25/01	3391.08	-	47.12	0.00	3,343.96
MW - 3	11/17/01	3391.08	-	46.83	0.00	3,344.25
MW - 3	02/20/02	3391.08	-	46.69	0.00	3,344.39
MW - 3	05/20/02	3391.08	-	47.11	0.00	3,343.97
MW - 3	09/24/02	3391.08	-	47.88	0.00	3,343.20
MW - 3	10/29/02	3391.08	-	48.13	0.00	3,342.95
MW - 3	11/13/02	3391.08	-	48.20	0.00	3,342.88
MW - 3	02/06/03	3391.08	-	48.22	0.00	3,342.86
MW - 3	05/08/03	3391.08	-	47.94	0.00	3,343.14
MW - 3	08/19/03	3391.08	-	48.20	0.00	3,342.88
MW - 3	11/07/03	3391.08	-	48.54	0.00	3,342.54
MW - 3	02/09/04	3391.08	-	47.22	0.00	3,343.86
MW - 3	05/04/04	3391.08	-	47.94	0.00	3,343.14
MW - 3	08/23/04	3391.08	-	48.66	0.00	3,342.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	12/04/04	3391.08	-	47.39	0.00	3,343.69
MW - 3	03/07/05	3391.08	-	46.78	0.00	3,344.30
MW - 3	06/07/05	3391.08	-	46.79	0.00	3,344.29
MW - 3	09/07/05	3391.08	-	46.78	0.00	3,344.30
MW - 3	12/14/05	3391.08	-	46.25	0.00	3,344.83
MW - 3	03/06/06	3391.08	-	45.96	0.00	3,345.12
MW - 3	06/05/06	3391.08	-	45.65	0.00	3,345.43
MW - 3	09/11/06	3391.08	-	46.16	0.00	3,344.92
MW - 3	11/21/06	3391.08	-	46.25	0.00	3,344.83
MW - 3	02/20/07	3391.08	-	46.06	0.00	3,345.02
MW - 3	05/15/07	3391.08	-	46.25	0.00	3,344.83
MW - 3	08/09/07	3391.08	-	45.99	0.00	3,345.09
MW - 3	11/13/07	3391.08	-	46.21	0.00	3,344.87
MW - 3	02/14/08	3391.08	-	43.34	0.00	3,347.74
MW - 3	05/16/08	3391.08	-	45.76	0.00	3,345.32
MW - 3	08/19/08	3391.08	-	46.32	0.00	3,344.76
MW - 3	10/09/08	3391.08	-	46.48	0.00	3,344.60
MW - 3	10/23/08	3391.08	-	46.54	0.00	3,344.54
MW - 3	10/28/08	3391.08	-	46.51	0.00	3,344.57
MW - 3	11/19/08	3391.08	-	46.44	0.00	3,344.64
MW - 3	11/24/08	3391.08	-	46.99	0.00	3,344.09
MW - 3	02/18/09	3391.08	-	45.79	0.00	3,345.29
MW - 3	05/19/09	3391.08	-	46.48	0.00	3,344.60
MW - 3	07/07/09	3391.08	-	46.64	0.00	3,344.44
MW - 3	07/14/09	3391.08	-	46.66	0.00	3,344.42
MW - 3	07/28/09	3391.08	-	46.65	0.00	3,344.43
MW - 3	08/07/09	3391.08	-	46.66	0.00	3,344.42
MW - 3	08/13/09	3391.08	-	46.64	0.00	3,344.44
MW - 3	09/10/09	3391.08	-	46.72	0.00	3,344.36
MW - 3	09/18/09	3391.08	-	46.76	0.00	3,344.32
MW - 3	09/29/09	3391.08	-	46.66	0.00	3,344.42
MW - 3	10/06/09	3391.08	-	46.68	0.00	3,344.40
MW - 3	10/20/09	3391.08	-	46.69	0.00	3,344.39
MW - 3	10/27/09	3391.08	-	46.68	0.00	3,344.40
MW - 3	11/11/09	3391.08	-	46.76	0.00	3,344.32
MW - 3	12/22/09	3391.08	-	46.76	0.00	3,344.32
MW - 3	01/12/10	3391.08	-	46.72	0.00	3,344.36
MW - 3	02/04/10	3391.08	-	46.78	0.00	3,344.30
MW - 3	03/03/10	3391.08	-	46.99	0.00	3,344.09
MW - 3	04/15/10	3391.08	-	47.09	0.00	3,343.99
MW - 3	05/07/10	3391.08	-	47.11	0.00	3,343.97
MW - 3	08/06/10	3391.08	-	47.12	0.00	3,343.96
MW - 3	11/05/10	3391.08	-	47.14	0.00	3,343.94
MW - 3	02/11/11	3391.08	-	47.14	0.00	3,343.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	05/09/11	3391.08	-	47.16	0.00	3,343.92
MW - 3	08/05/11	3391.08	-	47.20	0.00	3,343.88
MW - 3	11/17/11	3391.08	-	47.98	0.00	3,343.10
MW - 3	02/28/12	3391.08	-	47.77	0.00	3,343.31
MW - 3	05/03/12	3391.08	-	47.75	0.00	3,343.33
MW - 3	08/24/12	3391.08	-	48.09	0.00	3,342.99
MW - 3	11/15/12	3391.08	-	47.92	0.00	3,343.16
MW - 3	02/14/13	3391.08	-	47.80	0.00	3,343.28
MW - 3	05/28/13	3391.08	-	47.75	0.00	3,343.33
MW - 3	08/06/13	3391.08	-	48.08	0.00	3,343.00
MW - 3	11/07/13	3391.08	-	48.41	0.00	3,342.67
MW - 3	03/05/14	3391.08	-	48.39	0.00	3,342.69
MW - 3	05/29/14	3391.08	-	48.38	0.00	3,342.70
MW - 3	07/23/14	3391.08	-	48.65	0.00	3,342.43
MW - 3	08/12/14	3391.08	-	48.66	0.00	3,342.42
MW - 3	10/28/14	3391.08	-	48.49	0.00	3,342.59
MW - 3	11/15/14	3391.08	-	48.38	0.00	3,342.70
MW - 3	02/16/15	3391.08	-	48.04	0.00	3,343.04
MW - 3	03/18/15	3391.08	-	47.93	0.00	3,343.15
MW - 3	04/08/15	3391.08	-	47.78	0.00	3,343.30
MW - 3	05/28/15	3391.08	-	47.59	0.00	3,343.49
MW - 3	07/09/15	3391.08	-	47.57	0.00	3,343.51
MW - 3	08/26/15	3391.08	-	47.74	0.00	3,343.34
MW - 3	09/11/15	3391.08	-	47.85	0.00	3,343.23
MW - 3	09/25/15	3391.08	-	47.94	0.00	3,343.14
MW - 3	10/09/15	3391.08	-	48.01	0.00	3,343.07
MW - 3	10/15/15	3391.08	-	47.88	0.00	3,343.20
MW - 3	11/20/15	3391.08	-	47.89	0.00	3,343.19
MW - 3	12/11/15	3391.08	-	47.75	0.00	3,343.33
MW - 3	01/13/16	3391.08	-	47.63	0.00	3,343.45
MW - 3	02/17/16	3391.08	-	47.43	0.00	3,343.65
MW - 3	03/18/16	3391.08	-	47.37	0.00	3,343.71
MW - 3	04/08/16	3391.08	-	47.30	0.00	3,343.78
MW - 3	04/12/16	3391.08	-	47.34	0.00	3,343.74
MW - 3	05/03/16	3391.08	-	47.27	0.00	3,343.81
MW - 3	05/26/16	3391.08	-	47.19	0.00	3,343.89
MW - 3	06/09/16	3391.08	-	47.29	0.00	3,343.79
MW - 3	07/01/16	3391.08	-	47.27	0.00	3,343.81
MW - 3	07/20/16	3391.08	-	47.43	0.00	3,343.65
MW - 3	08/04/16	3391.08	-	47.36	0.00	3,343.72
MW - 3	09/28/16	3391.08	-	47.47	0.00	3,343.61
MW - 3	11/29/16	3391.08	-	47.21	0.00	3,343.87
MW - 3	12/16/16	3391.08	-	47.09	0.00	3,343.99
MW - 3	01/26/17	3391.08	-	47.07	0.00	3,344.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	02/27/17	3391.08	-	46.94	0.00	3,344.14
MW - 3	03/30/17	3391.08	-	46.89	0.00	3,344.19
MW - 3	04/21/17	3391.08	-	46.84	0.00	3,344.24
MW - 3	05/18/17	3391.08	-	46.79	0.00	3,344.29
MW - 3	07/20/17	3391.08	-	46.79	0.00	3,344.29
MW - 3	08/29/17	3391.08	-	46.75	0.00	3,344.33
MW - 3	10/13/17	3391.08	-	46.63	0.00	3,344.45
MW - 3	10/20/17	3391.08	-	46.63	0.00	3,344.45
MW - 3	11/07/17	3391.08	-	46.63	0.00	3,344.45
MW - 3	01/31/18	3391.08	-	46.42	0.00	3,344.66
MW - 3	02/22/18	3391.08	-	46.49	0.00	3,344.59
MW - 3	03/15/18	3391.08	-	46.42	0.00	3,344.66
MW - 3	04/20/18	3391.08	-	46.42	0.00	3,344.66
MW - 3	05/22/18	3391.08	-	46.41	0.00	3,344.67
MW - 3	06/27/18	3391.08	-	46.50	0.00	3,344.58
MW - 3	07/31/18	3391.08	-	46.64	0.00	3,344.44
MW - 3	08/29/18	3391.08	-	46.68	0.00	3,344.40
MW - 3	09/28/18	3391.08	-	46.69	0.00	3,344.39
MW - 3	11/29/18	3391.08	-	46.56	0.00	3,344.52
MW - 3	12/13/18	3391.08	-	46.60	0.00	3,344.48
MW - 3	01/03/19	3391.08	-	46.51	0.00	3,344.57
MW - 3	03/05/19	3391.08	-	46.52	0.00	3,344.56
MW - 3	03/20/19	3391.08	-	46.48	0.00	3,344.60
MW - 3	04/04/19	3391.08	-	46.41	0.00	3,344.67
MW - 3	06/11/19	3391.08	-	46.31	0.00	3,344.77
MW - 3	07/15/19	3391.08	-	42.27	0.00	3,348.81
MW - 3	08/15/19	3391.08	-	46.26	0.00	3,344.82
MW - 3	11/25/19	3391.08	-	46.04	0.00	3,345.04
MW - 3	12/12/19	3391.08	-	46.08	0.00	3,345.00
MW - 3	01/24/20	3391.08	-	46.05	0.00	3,345.03
MW - 3	02/25/20	3391.08	-	46.07	0.00	3,345.01
MW - 3	05/28/20	3391.08	-	45.95	0.00	3,345.13
MW - 3	06/15/20	3391.08	-	45.93	0.00	3,345.15
MW - 3	08/27/20	3391.08	-	46.03	0.00	3,345.05
MW - 3	09/10/20	3391.08	-	46.14	0.00	3,344.94
MW - 3	10/21/20	3391.08	-	46.10	0.00	3,344.98
MW - 3	12/01/20	3391.08	-	45.99	0.00	3,345.09
MW - 3	*01/06/21*	3391.08	-	46.05	0.00	3,345.03
MW - 3	*02/04/21*	3391.08	-	46.04	0.00	3,345.04
MW - 3	*04/26/21*	3391.08	-	45.77	0.00	3,345.31
MW - 3	*06/17/21*	3391.08	-	45.83	0.00	3,345.25
MW - 3	*07/28/21*	3391.08	-	45.99	0.00	3,345.09
MW - 3	*08/19/21*	3391.08	-	46.03	0.00	3,345.05
MW - 3	*09/24/21*	3391.08	-	46.14	0.00	3,344.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	*10/18/21*	3391.08	-	46.20	0.00	3,344.88
MW - 3	*11/30/21*	3391.08	-	46.22	0.00	3,344.86
MW - 4	02/03/99	3390.81	-	47.01	0.00	3,343.80
MW - 4	05/12/99	3390.81	-	46.91	0.00	3,343.90
MW - 4	08/23/99	3390.81	-	47.16	0.00	3,343.65
MW - 4	11/29/99	3390.81	-	46.03	0.00	3,344.78
MW - 4	03/09/00	3390.81	-	46.96	0.00	3,343.85
MW - 4	05/11/00	3390.81	-	46.80	0.00	3,344.01
MW - 4	09/12/00	3390.81	-	46.75	0.00	3,344.06
MW - 4	12/14/00	3390.81	-	46.33	0.00	3,344.48
MW - 4	03/21/01	3390.81	-	46.00	0.00	3,344.81
MW - 4	05/30/01	3390.81	-	46.70	0.00	3,344.11
MW - 4	06/21/01	3390.81	-	47.01	0.00	3,343.80
MW - 4	09/25/01	3390.81	-	47.02	0.00	3,343.79
MW - 4	11/17/01	3390.81	-	46.63	0.00	3,344.18
MW - 4	02/20/02	3390.81	-	47.47	0.00	3,343.34
MW - 4	05/20/02	3390.81	-	46.96	0.00	3,343.85
MW - 4	09/24/02	3390.81	-	48.78	0.00	3,342.03
MW - 4	10/29/02	3390.81	-	48.08	0.00	3,342.73
MW - 4	11/13/02	3390.81	-	48.18	0.00	3,342.63
MW - 4	02/06/03	3390.81	-	48.15	0.00	3,342.66
MW - 4	05/08/03	3390.81	-	47.82	0.00	3,342.99
MW - 4	08/19/03	3390.81	-	48.14	0.00	3,342.67
MW - 4	11/07/03	3390.81	-	48.43	0.00	3,342.38
MW - 4	02/09/04	3390.81	-	47.06	0.00	3,343.75
MW - 4	05/04/04	3390.81	-	47.82	0.00	3,342.99
MW - 4	08/23/04	3390.81	-	48.66	0.00	3,342.15
MW - 4	09/22/04	3390.81	sheen	48.76	0.00	3,342.05
MW - 4	09/29/04	3390.81	sheen	48.70	0.00	3,342.11
MW - 4	10/04/04	3390.81	sheen	48.10	0.00	3,342.71
MW - 4	10/11/04	3390.81	sheen	47.92	0.00	3,342.89
MW - 4	10/19/04	3390.81	sheen	48.01	0.00	3,342.80
MW - 4	10/25/04	3390.81	sheen	48.12	0.00	3,342.69
MW - 4	11/01/04	3390.81	sheen	48.16	0.00	3,342.65
MW - 4	11/09/04	3390.81	sheen	48.10	0.00	3,342.71
MW - 4	11/17/04	3390.81	sheen	48.16	0.00	3,342.65
MW - 4	11/22/04	3390.81	sheen	48.19	0.00	3,342.62
MW - 4	11/29/04	3390.81	sheen	47.63	0.00	3,343.18
MW - 4	12/04/04	3390.81	-	47.26	0.00	3,343.55
MW - 4	12/13/04	3390.81	sheen	46.80	0.00	3,344.01
MW - 4	12/20/05	3390.81	sheen	46.77	0.00	3,344.04
MW - 4	12/30/04	3390.81	sheen	46.50	0.00	3,344.31
MW - 4	01/03/05	3390.81	sheen	46.54	0.00	3,344.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	01/10/05	3390.81	sheen	46.66	0.00	3,344.15
MW - 4	01/17/05	3390.81	sheen	46.78	0.00	3,344.03
MW - 4	01/24/05	3390.81	sheen	46.82	0.00	3,343.99
MW - 4	01/31/05	3390.81	sheen	46.92	0.00	3,343.89
MW - 4	02/07/05	3390.81	sheen	46.88	0.00	3,343.93
MW - 4	02/14/05	3390.81	sheen	46.89	0.00	3,343.92
MW - 4	02/21/05	3390.81	sheen	46.92	0.00	3,343.89
MW - 4	02/28/05	3390.81	sheen	46.96	0.00	3,343.85
MW - 4	03/07/05	3390.81	-	46.60	0.00	3,344.21
MW - 4	03/07/05	3390.81	sheen	46.60	0.00	3,344.21
MW - 4	03/16/05	3390.81	sheen	46.89	0.00	3,343.92
MW - 4	03/21/05	3390.81	sheen	46.54	0.00	3,344.27
MW - 4	03/28/05	3390.81	sheen	46.66	0.00	3,344.15
MW - 4	04/04/05	3390.81	sheen	46.63	0.00	3,344.18
MW - 4	04/13/05	3390.81	sheen	46.65	0.00	3,344.16
MW - 4	04/18/05	3390.81	-	46.63	0.00	3,344.18
MW - 4	05/23/05	3390.81	sheen	46.93	0.00	3,343.88
MW - 4	06/07/05	3390.81	-	46.70	0.00	3,344.11
MW - 4	06/21/05	3390.81	sheen	46.90	0.00	3,343.91
MW - 4	07/26/05	3390.81	sheen	46.68	0.00	3,344.13
MW - 4	08/25/05	3390.81	sheen	46.69	0.00	3,344.12
MW - 4	09/07/05	3390.81	sheen	46.73	0.00	3,344.08
MW - 4	09/26/05	3390.81	sheen	46.88	0.00	3,343.93
MONITOR WELL WAS DAMAGED DURING BACKFILLING OPERATIONS						
MW - 4	11/14/05		sheen	46.49	0.00	
MONITOR WELL WAS REPAIRED & RESURVEYED - NOTE CHANGE IN ELEVATION						
MW - 4	-	3390.94	-	-	-	-
MW - 4	12/14/05	3390.94	COULD NOT SAMPLE - OBSTRUCTED			
MW - 4	12/28/05	3390.94	DRY	43.40		3,347.54
MW - 4	01/18/06	3390.94	DRY			
MW - 4	02/15/06	3390.94	DRY			
MW - 4	03/06/06	PLUGGED & ABANDONED				
MW - 5	11/29/99	3391.53	-	46.55	0.00	3,344.98
MW - 5	03/09/00	3391.53	-	47.51	0.00	3,344.02
MW - 5	05/11/00	3391.53	-	47.35	0.00	3,344.18
MW - 5	09/12/00	3391.53	-	47.25	0.00	3,344.28
MW - 5	12/14/00	3391.53	-	46.94	0.00	3,344.59
MW - 5	03/21/01	3391.53	-	46.55	0.00	3,344.98
MW - 5	05/30/01	3391.53	-	47.29	0.00	3,344.24
MW - 5	06/21/01	3391.53	-	47.45	0.00	3,344.08
MW - 5	09/25/01	3391.53	-	47.37	0.00	3,344.16
MW - 5	11/17/01	3391.53	-	47.20	0.00	3,344.33
MW - 5	02/20/02	3391.53	-	47.06	0.00	3,344.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	05/20/02	3391.53	-	47.47	0.00	3,344.06
MW - 5	09/24/02	3391.53	-	48.16	0.00	3,343.37
MW - 5	10/29/02	3391.53	-	48.36	0.00	3,343.17
MW - 5	11/13/02	3391.53	-	48.45	0.00	3,343.08
MW - 5	02/06/03	3391.53	-	48.44	0.00	3,343.09
MW - 5	05/08/03	3391.53	-	48.21	0.00	3,343.32
MW - 5	08/19/03	3391.53	-	48.42	0.00	3,343.11
MW - 5	11/07/03	3391.53	-	48.82	0.00	3,342.71
MW - 5	02/09/04	3391.53	-	47.56	0.00	3,343.97
MW - 5	05/04/04	3391.53	-	48.17	0.00	3,343.36
MW - 5	08/23/04	3391.53	-	48.89	0.00	3,342.64
MW - 5	12/04/04	3391.53	-	47.82	0.00	3,343.71
MW - 5	03/07/05	3391.53	-	47.14	0.00	3,344.39
MW - 5	06/07/05	3391.53	-	47.07	0.00	3,344.46
MW - 5	0907/05	3391.53	-	47.05	0.00	3,344.48
MW - 5	12/14/05	3391.53	-	46.60	0.00	3,344.93
MW - 5	06/05/06	3391.53	-	46.01	0.00	3,345.52
MW - 5	09/11/06	3391.53	-	46.47	0.00	3,345.06
MW - 5	11/21/06	3391.53	-	46.63	0.00	3,344.90
MW - 5	02/20/07	3391.53	-	46.35	0.00	3,345.18
MW - 5	05/15/07	3391.53	-	46.50	0.00	3,345.03
MW - 5	08/09/07	3391.53	-	46.27	0.00	3,345.26
MW - 5	11/13/07	3391.53	-	46.39	0.00	3,345.14
MW - 5	02/14/08	3391.53	-	44.55	0.00	3,346.98
MW - 5	05/16/08	3391.53	-	46.04	0.00	3,345.49
MW - 5	08/19/08	3391.53	-	46.53	0.00	3,345.00
MW - 5	11/19/08	3391.53	-	46.55	0.00	3,344.98
MW - 5	02/18/09	3391.53	-	46.01	0.00	3,345.52
MW - 5	05/19/09	3391.53	-	46.61	0.00	3,344.92
MW - 5	08/13/09	3391.53	-	46.83	0.00	3,344.70
MW - 5	11/11/09	3391.53	-	46.89	0.00	3,344.64
MW - 5	01/12/10	3391.53	-	46.87	0.00	3,344.66
MW - 5	02/04/10	3391.53	-	46.93	0.00	3,344.60
MW - 5	05/07/10	3391.53	-	46.92	0.00	3,344.61
MW - 5	08/06/10	3391.53	-	46.92	0.00	3,344.61
MW - 5	11/05/10	3391.53	-	46.94	0.00	3,344.59
MW - 5	02/11/11	3391.53	-	46.96	0.00	3,344.57
MW - 5	05/09/11	3391.53	-	46.95	0.00	3,344.58
MW - 5	08/05/11	3391.53	-	46.97	0.00	3,344.56
MW - 5	11/17/11	3391.53	-	48.10	0.00	3,343.43
MW - 5	02/28/12	3391.53	-	47.92	0.00	3,343.61
MW - 5	05/03/12	3391.53	-	47.88	0.00	3,343.65
MW - 5	08/24/12	3391.53	-	48.21	0.00	3,343.32
MW - 5	11/15/12	3391.53	-	48.14	0.00	3,343.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	02/14/13	3391.53	-	47.98	0.00	3,343.55
MW - 5	05/28/13	3391.53	-	47.90	0.00	3,343.63
MW - 5	08/06/13	3391.53	-	48.22	0.00	3,343.31
MW - 5	11/07/13	3391.53	-	48.56	0.00	3,342.97
MW - 5	03/05/14	3391.53	-	48.50	0.00	3,343.03
MW - 5	05/29/14	3391.53	-	48.51	0.00	3,343.02
MW - 5	07/23/14	3391.53	-	48.76	0.00	3,342.77
MW - 5	08/12/14	3391.53	-	48.80	0.00	3,342.73
MW - 5	10/28/14	3391.53	-	48.67	0.00	3,342.86
MW - 5	11/15/14	3391.53	-	48.54	0.00	3,342.99
MW - 5	02/16/15	3391.53	-	48.21	0.00	3,343.32
MW - 5	03/18/15	3391.53	-	48.07	0.00	3,343.46
MW - 5	04/08/15	3391.53	-	47.94	0.00	3,343.59
MW - 5	05/28/15	3391.53	-	47.75	0.00	3,343.78
MW - 5	07/09/15	3391.53	-	47.72	0.00	3,343.81
MW - 5	08/26/15	3391.53	-	47.90	0.00	3,343.63
MW - 5	09/11/15	3391.53	-	47.99	0.00	3,343.54
MW - 5	09/25/15	3391.53	-	48.07	0.00	3,343.46
MW - 5	10/09/15	3391.53	-	48.15	0.00	3,343.38
MW - 5	10/15/15	3391.53	-	48.04	0.00	3,343.49
MW - 5	11/20/15	3391.53	-	48.04	0.00	3,343.49
MW - 5	12/11/15	3391.53	-	47.91	0.00	3,343.62
MW - 5	01/13/16	3391.53	-	47.74	0.00	3,343.79
MW - 5	02/17/16	3391.53	-	47.58	0.00	3,343.95
MW - 5	03/18/16	3391.53	-	47.52	0.00	3,344.01
MW - 5	04/08/16	3391.53	-	47.45	0.00	3,344.08
MW - 5	04/12/16	3391.53	-	47.49	0.00	3,344.04
MW - 5	05/03/16	3391.53	-	47.40	0.00	3,344.13
MW - 5	05/26/16	3391.53	-	47.34	0.00	3,344.19
MW - 5	06/09/16	3391.53	-	47.45	0.00	3,344.08
MW - 5	07/01/16	3391.53	-	47.43	0.00	3,344.10
MW - 5	07/20/16	3391.53	-	47.59	0.00	3,343.94
MW - 5	08/04/16	3391.53	-	47.53	0.00	3,344.00
MW - 5	09/28/16	3391.53	-	47.61	0.00	3,343.92
MW - 5	11/29/16	3391.53	-	47.38	0.00	3,344.15
MW - 5	12/16/16	3391.53	-	47.27	0.00	3,344.26
MW - 5	01/26/17	3391.53	-	47.28	0.00	3,344.25
MW - 5	02/27/17	3391.53	-	47.11	0.00	3,344.42
MW - 5	03/30/17	3391.53	-	47.07	0.00	3,344.46
MW - 5	04/21/17	3391.53	-	47.02	0.00	3,344.51
MW - 5	05/18/17	3391.53	-	46.98	0.00	3,344.55
MW - 5	07/20/17	3391.53	-	46.97	0.00	3,344.56
MW - 5	08/29/17	3391.53	-	46.92	0.00	3,344.61
MW - 5	10/13/17	3391.53	-	46.82	0.00	3,344.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	10/20/17	3391.53	-	46.82	0.00	3,344.71
MW - 5	11/07/17	3391.53	-	46.83	0.00	3,344.70
MW - 5	01/31/18	3391.53	-	46.62	0.00	3,344.91
MW - 5	02/22/18	3391.53	-	46.68	0.00	3,344.85
MW - 5	03/15/18	3391.53	-	46.62	0.00	3,344.91
MW - 5	04/20/18	3391.53	-	46.63	0.00	3,344.90
MW - 5	05/22/18	3391.53	-	46.61	0.00	3,344.92
MW - 5	06/27/18	3391.53	-	46.70	0.00	3,344.83
MW - 5	07/31/18	3391.53	-	46.83	0.00	3,344.70
MW - 5	08/29/18	3391.53	-	46.87	0.00	3,344.66
MW - 5	11/29/18	3391.53	-	46.74	0.00	3,344.79
MW - 5	12/13/18	3391.53	-	46.80	0.00	3,344.73
MW - 5	09/28/18	3391.53	-	46.87	0.00	3,344.66
MW - 5	01/03/19	3391.53	-	46.70	0.00	3,344.83
MW - 5	03/05/19	3391.53	-	46.71	0.00	3,344.82
MW - 5	03/20/19	3391.53	-	46.67	0.00	3,344.86
MW - 5	04/04/19	3391.53	-	46.54	0.00	3,344.99
MW - 5	06/11/19	3391.53	-	46.50	0.00	3,345.03
MW - 5	07/15/19	3391.53	-	46.45	0.00	3,345.08
MW - 5	08/15/19	3391.53	-	46.45	0.00	3,345.08
MW - 5	11/25/19	3391.53	-	46.22	0.00	3,345.31
MW - 5	12/12/19	3391.53	-	46.28	0.00	3,345.25
MW - 5	01/24/20	3391.53	-	46.24	0.00	3,345.29
MW - 5	02/25/20	3391.53	-	46.27	0.00	3,345.26
MW - 5	05/28/20	3391.53	-	46.14	0.00	3,345.39
MW - 5	06/15/20	3391.53	-	46.12	0.00	3,345.41
MW - 5	08/27/20	3391.53	-	46.22	0.00	3,345.31
MW - 5	09/10/20	3391.53	-	46.34	0.00	3,345.19
MW - 5	10/21/20	3391.53	-	46.29	0.00	3,345.24
MW - 5	12/01/20	3391.53	-	46.19	0.00	3,345.34
MW - 5	*01/06/21*	3391.53	-	46.25	0.00	3,345.28
MW - 5	*02/04/21*	3391.53	-	46.24	0.00	3,345.29
MW - 5	*04/26/21*	3391.53	-	45.96	0.00	3,345.57
MW - 5	*06/16/21*	3391.53	-	46.03	0.00	3,345.50
MW - 5	*07/28/21*	3391.53	-	46.18	0.00	3,345.35
MW - 5	*08/19/21*	3391.53	-	46.22	0.00	3,345.31
MW - 5	*09/24/21*	3391.53	-	46.33	0.00	3,345.20
MW - 5	*10/18/21*	3391.53	-	46.36	0.00	3,345.17
MW - 5	*11/30/21*	3391.53	-	46.11	0.00	3,345.42
MW - 6	11/29/99	3391.14	-	46.45	0.00	3,344.69
MW - 6	03/09/00	3391.14	-	47.36	0.00	3,343.78
MW - 6	05/11/00	3391.14	-	47.21	0.00	3,343.93
MW - 6	09/12/00	3391.14	-	47.14	0.00	3,344.00

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	12/14/00	3391.14	-	46.71	0.00	3,344.43
MW - 6	03/21/01	3391.14	-	46.40	0.00	3,344.74
MW - 6	05/30/01	3391.14	-	47.05	0.00	3,344.09
MW - 6	06/21/01	3391.14	-	47.46	0.00	3,343.68
MW - 6	09/25/01	3391.14	-	47.59	0.00	3,343.55
MW - 6	11/17/01	3391.14	-	47.15	0.00	3,343.99
MW - 6	02/20/02	3391.14	-	46.88	0.00	3,344.26
MW - 6	05/20/02	3391.14	-	47.48	0.00	3,343.66
MW - 6	09/24/02	3391.14	-	48.38	0.00	3,342.76
MW - 6	10/29/02	3391.14	-	48.65	0.00	3,342.49
MW - 6	11/13/02	3391.14	-	48.78	0.00	3,342.36
MW - 6	02/06/03	3391.14	-	48.70	0.00	3,342.44
MW - 6	05/08/03	3391.14	-	48.42	0.00	3,342.72
MW - 6	08/19/03	3391.14	-	48.68	0.00	3,342.46
MW - 6	11/07/03	3391.14	-	48.92	0.00	3,342.22
MW - 6	12/04/04	3391.14	-	47.55	0.00	3,343.59
MW - 6	03/07/05	3391.14	-	47.05	0.00	3,344.09
MW - 6	06/07/05	3391.14	-	47.20	0.00	3,343.94
MW - 6	09/07/05	3391.14	-	47.28	0.00	3,343.86
MW - 6	12/14/05	3391.14	-	46.51	0.00	3,344.63
MW - 6	06/05/06	3391.14	-	45.99	0.00	3,345.15
MW - 6	09/11/06	3391.14	-	46.62	0.00	3,344.52
MW - 6	11/21/06	3391.14	-	46.68	0.00	3,344.46
MW - 6	02/20/07	3391.14	-	46.54	0.00	3,344.60
MW - 6	05/15/07	3391.14	-	46.77	0.00	3,344.37
MW - 6	06/21/07	3391.14	-	46.74	0.00	3,344.40
MW - 6	08/09/07	3391.14	-	46.46	0.00	3,344.68
MW - 6	11/13/07	3391.14	-	46.74	0.00	3,344.40
MW - 6	02/14/08	3391.14	-	46.91	0.00	3,344.23
MW - 6	05/16/08	3391.14	-	46.33	0.00	3,344.81
MW - 6	08/19/08	3391.14	-	46.89	0.00	3,344.25
MW - 6	11/19/08	3391.14	-	46.98	0.00	3,344.16
MW - 6	02/18/09	3391.14	-	45.17	0.00	3,345.97
MW - 6	05/19/09	3391.14	-	47.02	0.00	3,344.12
MW - 6	08/13/09	3391.14	-	47.20	0.00	3,343.94
MW - 6	11/11/09	3391.14	-	47.26	0.00	3,343.88
MW - 6	01/12/10	3391.14	-	47.27	0.00	3,343.87
MW - 6	02/04/10	3391.14	-	47.39	0.00	3,343.75
MW - 6	05/07/10	3391.14	-	47.33	0.00	3,343.81
MW - 6	08/06/10	3391.14	-	47.33	0.00	3,343.81
MW - 6	11/05/10	3391.14	-	47.33	0.00	3,343.81
MW - 6	02/11/11	3391.14	-	47.32	0.00	3,343.82
MW - 6	05/09/11	3391.14	-	47.32	0.00	3,343.82
MW - 6	08/05/11	3391.14	-	47.30	0.00	3,343.84

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	11/17/11	3391.14	-	48.68	0.00	3,342.46
MW - 6	02/28/12	3391.14	-	48.38	0.00	3,342.76
MW - 6	05/03/12	3391.14	-	48.41	0.00	3,342.73
MW - 6	08/24/12	3391.14	-	48.68	0.00	3,342.46
MW - 6	11/15/12	3391.14	-	48.61	0.00	3,342.53
MW - 6	02/14/13	3391.14	-	48.48	0.00	3,342.66
MW - 6	05/28/13	3391.14	-	48.42	0.00	3,342.72
MW - 6	08/06/13	3391.14	-	48.79	0.00	3,342.35
MW - 6	11/07/13	3391.14	-	49.12	0.00	3,342.02
MW - 6	03/05/14	3391.14	-	49.15	0.00	3,341.99
MW - 6	05/29/14	3391.14	-	49.17	0.00	3,341.97
MW - 6	07/23/14	3391.14	-	49.43	0.00	3,341.71
MW - 6	08/12/14	3391.14	-	49.46	0.00	3,341.68
MW - 6	10/28/14	3391.14	-	49.24	0.00	3,341.90
MW - 6	11/15/14	3391.14	-	49.12	0.00	3,342.02
MW - 6	02/16/15	3391.14	-	48.77	0.00	3,342.37
MW - 6	03/18/15	3391.14	-	48.67	0.00	3,342.47
MW - 6	04/08/15	3391.14	-	48.54	0.00	3,342.60
MW - 6	05/28/15	3391.14	-	48.31	0.00	3,342.83
MW - 6	07/09/15	3391.14	-	48.27	0.00	3,342.87
MW - 6	08/26/15	3391.14	-	48.45	0.00	3,342.69
MW - 6	09/11/15	3391.14	-	48.56	0.00	3,342.58
MW - 6	09/25/15	3391.14	-	48.67	0.00	3,342.47
MW - 6	10/09/15	3391.14	-	48.71	0.00	3,342.43
MW - 6	10/15/15	3391.14	-	48.64	0.00	3,342.50
MW - 6	11/20/15	3391.14	-	48.62	0.00	3,342.52
MW - 6	12/11/15	3391.14	-	48.48	0.00	3,342.66
MW - 6	01/13/16	3391.14	-	48.28	0.00	3,342.86
MW - 6	02/17/16	3391.14	-	48.10	0.00	3,343.04
MW - 6	03/18/16	3391.14	-	48.07	0.00	3,343.07
MW - 6	04/08/16	3391.14	-	48.02	0.00	3,343.12
MW - 6	04/12/16	3391.14	-	48.06	0.00	3,343.08
MW - 6	05/03/16	3391.14	-	47.97	0.00	3,343.17
MW - 6	05/26/16	3391.14	-	47.95	0.00	3,343.19
MW - 6	06/09/16	3391.14	-	48.03	0.00	3,343.11
MW - 6	07/01/16	3391.14	-	48.01	0.00	3,343.13
MW - 6	07/20/16	3391.14	-	48.09	0.00	3,343.05
MW - 6	08/04/16	3391.14	-	48.09	0.00	3,343.05
MW - 6	09/28/16	3391.14	-	48.16	0.00	3,342.98
MW - 6	11/29/16	3391.14	-	47.89	0.00	3,343.25
MW - 6	12/16/16	3391.14	-	47.80	0.00	3,343.34
MW - 6	01/26/17	3391.14	-	47.77	0.00	3,343.37
MW - 6	02/27/17	3391.14	-	47.60	0.00	3,343.54
MW - 6	03/30/17	3391.14	-	47.57	0.00	3,343.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	04/21/17	3391.14	-	47.50	0.00	3,343.64
MW - 6	05/18/17	3391.14	-	47.47	0.00	3,343.67
MW - 6	07/20/17	3391.14	-	47.45	0.00	3,343.69
MW - 6	08/29/17	3391.14	-	47.37	0.00	3,343.77
MW - 6	10/13/17	3391.14	-	47.28	0.00	3,343.86
MW - 6	10/20/17	3391.14	-	47.28	0.00	3,343.86
MW - 6	11/07/17	3391.14	-	47.28	0.00	3,343.86
MW - 6	01/31/18	3391.14	-	47.08	0.00	3,344.06
MW - 6	02/22/18	3391.14	-	47.14	0.00	3,344.00
MW - 6	03/15/18	3391.14	-	47.09	0.00	3,344.05
MW - 6	04/20/18	3391.14	-	47.09	0.00	3,344.05
MW - 6	05/23/18	3391.14	-	47.08	0.00	3,344.06
MW - 6	06/27/18	3391.14	-	47.17	0.00	3,343.97
MW - 6	07/31/18	3391.14	-	47.31	0.00	3,343.83
MW - 6	08/29/18	3391.14	-	47.36	0.00	3,343.78
MW - 6	09/28/18	3391.14	-	47.35	0.00	3,343.79
MW - 6	11/29/18	3391.14	-	47.23	0.00	3,343.91
MW - 6	12/13/18	3391.14	-	47.27	0.00	3,343.87
MW - 6	01/03/19	3391.14	-	47.17	0.00	3,343.97
MW - 6	03/05/19	3391.14	-	47.16	0.00	3,343.98
MW - 6	03/20/19	3391.14	-	47.11	0.00	3,344.03
MW - 6	04/04/19	3391.14	-	47.04	0.00	3,344.10
MW - 6	06/11/19	3391.14	-	46.96	0.00	3,344.18
MW - 6	07/15/19	3391.14	-	46.91	0.00	3,344.23
MW- 6	08/15/19	3391.14	-	46.91	0.00	3,344.23
MW- 6	11/25/19	3391.14	-	46.67	0.00	3,344.47
MW- 6	12/12/19	3391.14	-	46.72	0.00	3,344.42
MW- 6	01/24/20	3391.14	-	46.69	0.00	3,344.45
MW- 6	02/25/20	3391.14	-	46.73	0.00	3,344.41
MW- 6	05/28/20	3391.14	-	46.59	0.00	3,344.55
MW- 6	06/15/20	3391.14	-	46.58	0.00	3,344.56
MW- 6	08/27/20	3391.14	-	46.71	0.00	3,344.43
MW- 6	09/10/20	3392.14	-	46.84	0.00	3,345.30
MW- 6	10/21/20	3392.14	-	46.79	0.00	3,345.35
MW- 6	12/01/20	3392.14	-	47.64	0.00	3,344.50
MW- 6	*01/06/21*	3391.14	-	46.71	0.00	3,344.43
MW- 6	*02/04/21*	3391.14	-	46.70	0.00	3,344.44
MW- 6	*04/26/21*	3391.14	-	46.43	0.00	3,344.71
MW- 6	*06/17/21*	3391.14	-	46.50	0.00	3,344.64
MW- 6	*07/28/21*	3391.14	-	46.68	0.00	3,344.46
MW- 6	*08/19/21*	3391.14	-	46.73	0.00	3,344.41
MW- 6	*09/24/21*	3391.14	-	46.84	0.00	3,344.30
MW- 6	*10/18/21*	3391.14	-	46.87	0.00	3,344.27
MW- 6	*11/30/21*	3391.14	-	46.91	0.00	3,344.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	11/29/99	3391.21	-	46.52	0.00	3,344.69
MW - 7	03/09/00	3391.21	-	47.41	0.00	3,343.80
MW - 7	05/11/00	3391.21	-	47.31	0.00	3,343.90
MW - 7	09/12/00	3391.21	-	47.23	0.00	3,343.98
MW - 7	12/14/00	3391.21	-	46.75	0.00	3,344.46
MW - 7	03/21/01	3391.21	-	46.49	0.00	3,344.72
MW - 7	05/30/01	3391.21	-	47.12	0.00	3,344.09
MW - 7	06/21/01	3391.21	-	47.52	0.00	3,343.69
MW - 7	09/25/01	3391.21	-	47.48	0.00	3,343.73
MW - 7	11/17/01	3391.21	-	47.08	0.00	3,344.13
MW - 7	02/20/02	3391.21	-	46.82	0.00	3,344.39
MW - 7	05/20/02	3391.21	-	47.44	0.00	3,343.77
MW - 7	09/24/02	3391.21	-	48.32	0.00	3,342.89
MW - 7	10/29/02	3391.21	-	48.59	0.00	3,342.62
MW - 7	11/13/02	3391.21	-	48.70	0.00	3,342.51
MW - 7	02/06/03	3391.21	-	48.70	0.00	3,342.51
MW - 7	05/08/03	3391.21	-	48.38	0.00	3,342.83
MW - 7	08/19/03	3391.21	-	48.63	0.00	3,342.58
MW - 7	11/07/03	3391.21	-	48.87	0.00	3,342.34
MW - 7	02/09/04	3391.21	-	47.46	0.00	3,343.75
MW - 7	05/04/04	3391.21	-	48.28	0.00	3,342.93
MW - 7	08/23/04	3391.21	-	49.19	0.00	3,342.02
MW - 7	12/04/04	3391.21	-	47.54	0.00	3,343.67
MW - 7	03/07/05	3391.21	-	47.00	0.00	3,344.21
MW - 7	06/07/05	3391.21	-	47.14	0.00	3,344.07
MW - 7	09/07/05	3391.21	-	47.22	0.00	3,343.99
MW - 7	12/14/05	3391.21	-	46.48	0.00	3,344.73
MW - 7	06/05/06	3391.21	-	45.98	0.00	3,345.23
MW - 7	09/11/06	3391.21	-	46.58	0.00	3,344.63
MW - 7	11/21/06	3391.21	-	46.61	0.00	3,344.60
MW - 7	02/20/07	3391.21	-	46.48	0.00	3,344.73
MW - 7	05/15/07	3391.21	-	46.69	0.00	3,344.52
MW - 7	06/21/07	3391.21	-	46.71	0.00	3,344.50
MW - 7	08/09/07	3391.21	-	46.39	0.00	3,344.82
MW - 7	11/13/07	3391.21	-	46.64	0.00	3,344.57
MW - 7	02/14/08	3391.21	-	46.86	0.00	3,344.35
MW - 7	05/16/08	3391.21	-	46.26	0.00	3,344.95
MW - 7	08/19/08	3391.21	-	46.81	0.00	3,344.40
MW - 7	11/19/08	3391.21	-	46.87	0.00	3,344.34
MW - 7	02/18/09	3391.21	-	46.12	0.00	3,345.09
MW - 7	05/19/09	3391.21	-	46.93	0.00	3,344.28
MW - 7	08/13/09	3391.21	-	47.11	0.00	3,344.10
MW - 7	11/11/09	3391.21	-	47.17	0.00	3,344.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	01/12/10	3391.21	-	47.19	0.00	3,344.02
MW - 7	02/04/10	3391.21	-	47.30	0.00	3,343.91
MW - 7	05/07/10	3391.21	-	47.28	0.00	3,343.93
MW - 7	08/06/10	3391.21	-	47.29	0.00	3,343.92
MW - 7	11/05/10	3391.21	-	47.28	0.00	3,343.93
MW - 7	02/11/11	3391.21	-	47.28	0.00	3,343.93
MW - 7	05/09/11	3391.21	-	47.26	0.00	3,343.95
MW - 7	08/05/11	3391.21	-	47.29	0.00	3,343.92
MW - 7	11/17/11	3391.21	-	48.58	0.00	3,342.63
MW - 7	02/28/12	3391.21	-	48.30	0.00	3,342.91
MW - 7	05/03/12	3391.21	-	48.32	0.00	3,342.89
MW - 7	08/24/12	3391.21	-	48.59	0.00	3,342.62
MW - 7	11/15/12	3391.21	-	48.52	0.00	3,342.69
MW - 7	02/14/13	3391.21	-	48.36	0.00	3,342.85
MW - 7	05/28/13	3391.21	-	48.32	0.00	3,342.89
MW - 7	08/06/13	3391.21	-	48.69	0.00	3,342.52
MW - 7	11/07/13	3391.21	-	49.04	0.00	3,342.17
MW - 7	03/05/14	3391.21	-	49.04	0.00	3,342.17
MW - 7	05/29/14	3391.21	-	49.07	0.00	3,342.14
MW - 7	07/23/14	3391.21	-	49.32	0.00	3,341.89
MW - 7	08/12/14	3391.21	-	49.36	0.00	3,341.85
MW - 7	10/28/14	3391.21	-	49.14	0.00	3,342.07
MW - 7	11/15/14	3391.21	-	49.02	0.00	3,342.19
MW - 7	02/16/15	3391.21	-	48.66	0.00	3,342.55
MW - 7	03/18/15	3391.21	-	48.54	0.00	3,342.67
MW - 7	04/08/15	3391.21	-	48.42	0.00	3,342.79
MW - 7	05/28/15	3391.21	-	48.19	0.00	3,343.02
MW - 7	07/09/15	3391.21	-	48.16	0.00	3,343.05
MW - 7	08/26/15	3391.21	-	48.35	0.00	3,342.86
MW - 7	09/11/15	3391.21	-	48.45	0.00	3,342.76
MW - 7	09/25/15	3391.21	-	48.56	0.00	3,342.65
MW - 7	10/09/15	3391.21	-	48.61	0.00	3,342.60
MW - 7	10/15/15	3391.21	-	48.55	0.00	3,342.66
MW - 7	11/20/15	3391.21	-	48.52	0.00	3,342.69
MW - 7	12/11/15	3391.21	-	48.36	0.00	3,342.85
MW - 7	01/13/16	3391.21	-	48.16	0.00	3,343.05
MW - 7	02/17/16	3391.21	-	47.97	0.00	3,343.24
MW - 7	03/18/16	3391.21	-	47.94	0.00	3,343.27
MW - 7	04/08/16	3391.21	-	47.88	0.00	3,343.33
MW - 7	04/12/16	3391.21	-	47.94	0.00	3,343.27
MW - 7	05/03/16	3391.21	-	47.83	0.00	3,343.38
MW - 7	05/26/16	3391.21	-	47.83	0.00	3,343.38
MW - 7	06/09/16	3391.21	-	47.90	0.00	3,343.31
MW - 7	07/01/16	3391.21	-	47.88	0.00	3,343.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	07/20/16	3391.21	-	47.97	0.00	3,343.24
MW - 7	08/04/16	3391.21	-	47.98	0.00	3,343.23
MW - 7	09/28/16	3391.21	-	48.05	0.00	3,343.16
MW - 7	11/29/16	3391.21	-	47.78	0.00	3,343.43
MW - 7	12/16/16	3391.21	-	47.66	0.00	3,343.55
MW - 7	01/26/17	3391.21	-	47.63	0.00	3,343.58
MW - 7	02/27/17	3391.21	-	47.51	0.00	3,343.70
MW - 7	03/30/17	3391.21	-	47.45	0.00	3,343.76
MW - 7	04/21/17	3391.21	-	47.38	0.00	3,343.83
MW - 7	05/18/17	3391.21	-	47.36	0.00	3,343.85
MW - 7	07/20/17	3391.21	-	47.33	0.00	3,343.88
MW - 7	08/29/17	3391.21	-	47.25	0.00	3,343.96
MW - 7	10/13/17	3391.21	-	47.16	0.00	3,344.05
MW - 7	10/20/17	3391.21	-	47.16	0.00	3,344.05
MW - 7	11/07/17	3391.21	-	47.16	0.00	3,344.05
MW - 7	01/31/18	3391.21	-	47.96	0.00	3,343.25
MW - 7	02/22/18	3391.21	-	47.02	0.00	3,344.19
MW - 7	03/15/18	3391.21	-	46.97	0.00	3,344.24
MW - 7	04/20/18	3391.21	-	46.97	0.00	3,344.24
MW - 7	05/22/18	3391.21	-	46.97	0.00	3,344.24
MW - 7	06/27/18	3391.21	-	47.07	0.00	3,344.14
MW - 7	07/31/18	3391.21	-	47.20	0.00	3,344.01
MW - 7	08/29/18	3391.21	-	47.26	0.00	3,343.95
MW - 7	09/28/18	3391.21	-	47.26	0.00	3,343.95
MW - 7	11/29/18	3391.21	-	47.12	0.00	3,344.09
MW - 7	12/13/18	3391.21	-	47.16	0.00	3,344.05
MW - 7	01/03/19	3391.21	-	47.06	0.00	3,344.15
MW - 7	03/05/19	3391.21	-	47.05	0.00	3,344.16
MW - 7	03/20/19	3391.21	-	47.00	0.00	3,344.21
MW - 7	04/04/19	3391.21	-	46.94	0.00	3,344.27
MW - 7	06/11/19	3391.21	-	46.85	0.00	3,344.36
MW - 7	07/15/19	3391.21	-	46.80	0.00	3,344.41
MW - 7	08/15/19	3391.21	-	46.80	0.00	3,344.41
MW - 7	11/25/19	3391.21	-	46.55	0.00	3,344.66
MW - 7	12/12/19	3391.21	-	46.60	0.00	3,344.61
MW - 7	01/24/20	3391.21	-	46.58	0.00	3,344.63
MW - 7	02/25/20	3391.21	-	46.61	0.00	3,344.60
MW - 7	05/28/20	3391.21	-	46.47	0.00	3,344.74
MW - 7	06/15/20	3391.21	-	46.45	0.00	3,344.76
MW - 7	08/27/20	3391.21	-	46.61	0.00	3,344.60
MW - 7	09/10/20	3391.21	-	46.74	0.00	3,344.47
MW - 7	10/21/20	3391.21	-	46.68	0.00	3,344.53
MW - 7	12/01/20	3391.21	-	46.54	0.00	3,344.67
MW - 7	*01/06/21*	3391.21	-	46.61	0.00	3,344.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	*02/04/21*	3391.21	-	46.59	0.00	3,344.62
MW - 7	*04/26/21*	3391.21	-	46.31	0.00	3,344.90
MW - 7	*06/16/21*	3391.21	-	46.39	0.00	3,344.82
MW - 7	*07/28/21*	3391.21	-	46.57	0.00	3,344.64
MW - 7	*08/19/21*	3391.21	-	46.63	0.00	3,344.58
MW - 7	*09/24/21*	3391.21	-	46.74	0.00	3,344.47
MW - 7	*10/18/21*	3391.21	-	46.78	0.00	3,344.43
MW - 7	*11/30/21*	3391.21	-	46.81	0.00	3,344.40
MW - 8	11/29/99	3391.14	-	46.42	0.00	3,344.72
MW - 8	03/09/00	3391.14	-	47.37	0.00	3,343.77
MW - 8	05/11/00	3391.14	-	47.20	0.00	3,343.94
MW - 8	09/12/00	3391.14	-	47.11	0.00	3,344.03
MW - 8	12/14/00	3391.14	-	46.75	0.00	3,344.39
MW - 8	03/21/01	3391.14	-	46.38	0.00	3,344.76
MW - 8	05/30/01	3391.14	-	47.16	0.00	3,343.98
MW - 8	06/21/01	3391.14	-	47.42	0.00	3,343.72
MW - 8	09/25/01	3391.14	-	47.50	0.00	3,343.64
MW - 8	11/17/01	3391.14	-	47.05	0.00	3,344.09
MW - 8	02/20/02	3391.14	-	46.80	0.00	3,344.34
MW - 8	05/20/02	3391.14	-	47.38	0.00	3,343.76
MW - 8	09/24/02	3391.14	-	48.29	0.00	3,342.85
MW - 8	10/29/02	3391.14	-	48.58	0.00	3,342.56
MW - 8	11/13/02	3391.14	-	48.69	0.00	3,342.45
MW - 8	02/06/03	3391.14	-	48.68	0.00	3,342.46
MW - 8	05/08/03	3391.14	-	48.33	0.00	3,342.81
MW - 8	08/19/03	3391.14	-	48.58	0.00	3,342.56
MW - 8	11/07/03	3391.14	-	48.84	0.00	3,342.30
MW - 8	02/09/04	3391.14	-	47.46	0.00	3,343.68
MW - 8	05/04/04	3391.14	-	48.25	0.00	3,342.89
MW - 8	08/23/04	3391.14	-	49.15	0.00	3,341.99
MW - 8	12/04/04	3391.14	-	47.50	0.00	3,343.64
MW - 8	03/07/05	3391.14	-	46.97	0.00	3,344.17
MW - 8	06/07/05	3391.14	-	47.12	0.00	3,344.02
MW - 8	09/07/05	3391.14	-	47.19	0.00	3,343.95
MW - 8	12/14/05	3391.14	-	46.47	0.00	3,344.67
MW - 8	06/05/06	3391.14	-	47.89	0.00	3,343.25
MW - 8	09/11/06	3391.14	-	46.54	0.00	3,344.60
MW - 8	11/21/06	3391.14	-	46.63	0.00	3,344.51
MW - 8	02/20/07	3391.14	-	46.44	0.00	3,344.70
MW - 8	05/15/07	3391.14	-	46.69	0.00	3,344.45
MW - 8	08/09/07	3391.14	-	46.40	0.00	3,344.74
MW - 8	11/13/07	3391.14	-	46.67	0.00	3,344.47
MW - 8	02/14/08	3391.14	-	46.84	0.00	3,344.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8	05/16/08	3391.14	-	46.23	0.00	3,344.91
MW - 8	08/19/08	3391.14	-	46.81	0.00	3,344.33
MW - 8	11/19/08	3391.14	-	46.91	0.00	3,344.23
MW - 8	02/18/09	3391.14	-	46.09	0.00	3,345.05
MW - 8	05/19/09	3391.14	-	46.93	0.00	3,344.21
MW - 8	08/13/09	3391.14	-	47.13	0.00	3,344.01
MW - 8	11/11/09	3391.14	-	47.20	0.00	3,343.94
MW - 8	01/12/10	3391.14	-	47.18	0.00	3,343.96
MW - 8	02/04/10	3391.14	-	47.31	0.00	3,343.83
MW - 8	05/07/10	3391.14	-	47.43	0.00	3,343.71
MW - 8	08/06/10	3391.14	-	47.42	0.00	3,343.72
MW - 8	11/05/10	3391.14	-	47.41	0.00	3,343.73
MW - 8	02/11/11	3391.14	-	47.40	0.00	3,343.74
MW - 8	05/09/11	3391.14	-	47.38	0.00	3,343.76
MW - 8	08/05/11	3391.14	-	47.39	0.00	3,343.75
MW - 8	11/17/11	3391.14	-	48.58	0.00	3,342.56
MW - 8	02/28/12	3391.14	-	48.32	0.00	3,342.82
MW - 8	05/03/12	3391.14	-	48.35	0.00	3,342.79
MW - 8	08/24/12	3391.14	-	48.61	0.00	3,342.53
MW - 8	11/15/12	3391.14	-	48.53	0.00	3,342.61
MW - 8	02/14/13	3391.14	-	48.39	0.00	3,342.75
MW - 8	05/28/13	3391.14	-	48.34	0.00	3,342.80
MW - 8	08/06/13	3391.14	-	48.11	0.00	3,343.03
MW - 8	11/07/13	3391.14	-	49.06	0.00	3,342.08
MW - 8	03/05/14	3391.14	-	49.09	0.00	3,342.05
MW - 8	05/29/14	3391.14	-	49.10	0.00	3,342.04
MW - 8	07/23/14	3391.14	-	49.36	0.00	3,341.78
MW - 8	08/12/14	3391.14	-	49.37	0.00	3,341.77
MW - 8	10/28/14	3391.14	-	49.17	0.00	3,341.97
MW - 8	11/15/14	3391.14	-	49.06	0.00	3,342.08
MW - 8	02/16/15	3391.14	-	48.70	0.00	3,342.44
MW - 8	03/18/15	3391.14	-	48.60	0.00	3,342.54
MW - 8	04/08/15	3391.14	-	48.48	0.00	3,342.66
MW - 8	05/28/15	3391.14	-	48.24	0.00	3,342.90
MW - 8	07/09/15	3391.14	-	48.21	0.00	3,342.93
MW - 8	08/26/15	3391.14	-	48.38	0.00	3,342.76
MW - 8	09/11/15	3391.14	-	48.48	0.00	3,342.66
MW - 8	09/25/15	3391.14	-	48.60	0.00	3,342.54
MW - 8	10/09/15	3391.14	-	48.65	0.00	3,342.49
MW - 8	10/15/15	3391.14	-	48.58	0.00	3,342.56
MW - 8	11/20/15	3391.14	-	48.56	0.00	3,342.58
MW - 8	12/11/15	3391.14	-	48.41	0.00	3,342.73
MW - 8	01/13/16	3391.14	-	48.21	0.00	3,342.93
MW - 8	02/17/16	3391.14	-	48.05	0.00	3,343.09

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8	03/18/16	3391.14	-	48.03	0.00	3,343.11
MW - 8	04/08/16	3391.14	-	47.98	0.00	3,343.16
MW - 8	04/12/16	3391.14	-	48.02	0.00	3,343.12
MW - 8	05/03/16	3391.14	-	47.92	0.00	3,343.22
MW - 8	05/26/16	3391.14	-	47.88	0.00	3,343.26
MW - 8	06/09/16	3391.14	-	47.92	0.00	3,343.22
MW - 8	07/01/16	3391.14	-	47.94	0.00	3,343.20
MW - 8	07/20/16	3391.14	-	48.01	0.00	3,343.13
MW - 8	08/04/16	3391.14	-	48.02	0.00	3,343.12
MW - 8	09/28/16	3391.14	-	48.09	0.00	3,343.05
MW - 8	11/29/16	3391.14	-	47.82	0.00	3,343.32
MW - 8	12/16/16	3391.14	-	47.72	0.00	3,343.42
MW - 8	01/26/17	3391.14	-	47.70	0.00	3,343.44
MW - 8	02/27/17	3391.14	-	47.55	0.00	3,343.59
MW - 8	03/30/17	3391.14	-	47.51	0.00	3,343.63
MW - 8	04/21/17	3391.14	-	47.44	0.00	3,343.70
MW - 8	05/18/17	3391.14	-	47.40	0.00	3,343.74
MW - 8	07/20/17	3391.14	-	47.39	0.00	3,343.75
MW - 8	08/29/17	3391.14	-	47.31	0.00	3,343.83
MW - 8	10/13/17	3391.14	-	47.22	0.00	3,343.92
MW - 8	10/20/17	3391.14	-	47.22	0.00	3,343.92
MW - 8	11/07/17	3391.14	-	47.22	0.00	3,343.92
MW - 8	01/31/18	3391.14	-	47.01	0.00	3,344.13
MW - 8	02/22/18	3391.14	-	47.08	0.00	3,344.06
MW - 8	03/15/18	3391.14	-	47.02	0.00	3,344.12
MW - 8	04/20/18	3391.14	-	47.02	0.00	3,344.12
MW - 8	05/23/18	3391.14	-	47.00	0.00	3,344.14
MW - 8	06/27/18	3391.14	-	47.09	0.00	3,344.05
MW - 8	07/31/18	3391.14	-	47.23	0.00	3,343.91
MW - 8	08/29/18	3391.14	-	47.28	0.00	3,343.86
MW - 8	09/28/18	3391.14	-	47.27	0.00	3,343.87
MW - 8	11/29/18	3391.14	-	47.14	0.00	3,344.00
MW - 8	12/13/18	3391.14	-	47.19	0.00	3,343.95
MW - 8	01/03/19	3391.14	-	47.10	0.00	3,344.04
MW - 8	03/05/19	3391.14	-	47.09	0.00	3,344.05
MW - 8	03/20/19	3391.14	-	47.04	0.00	3,344.10
MW - 8	04/04/19	3391.14	-	46.98	0.00	3,344.16
MW - 8	06/11/19	3391.14	-	46.88	0.00	3,344.26
MW - 8	07/15/19	3391.14	-	46.84	0.00	3,344.30
MW - 8	08/15/19	3391.14	-	46.85	0.00	3,344.29
MW - 8	11/25/19	3391.14	-	46.59	0.00	3,344.55
MW - 8	12/12/19	3391.14	-	46.64	0.00	3,344.50
MW - 8	01/24/20	3391.14	-	46.61	0.00	3,344.53
MW - 8	02/25/20	3391.14	-	46.64	0.00	3,344.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8	05/28/20	3391.14	-	46.52	0.00	3,344.62
MW - 8	06/15/20	3391.14	-	46.50	0.00	3,344.64
MW - 8	08/27/20	3391.14	-	46.62	0.00	3,344.52
MW - 8	09/10/20	3391.14	-	46.74	0.00	3,344.40
MW - 8	10/21/20	3391.14	-	46.70	0.00	3,344.44
MW - 8	12/01/20	3391.14	-	46.57	0.00	3,344.57
MW - 8	*01/06/21*	3391.14	-	46.63	0.00	3,344.51
MW - 8	*02/04/21*	3391.14	-	46.62	0.00	3,344.52
MW - 8	*04/26/21*	3391.14	-	46.37	0.00	3,344.77
MW - 8	*06/17/21*	3391.14	-	46.53	0.00	3,344.61
MW - 8	*07/28/21*	3391.14	-	46.59	0.00	3,344.55
MW - 8	*08/19/21*	3391.14	-	46.64	0.00	3,344.50
MW - 8	*09/24/21*	3391.14	-	46.74	0.00	3,344.40
MW - 8	*10/18/21*	3391.14	-	46.78	0.00	3,344.36
MW - 8	*11/30/21*	3391.14	-	46.82	0.00	3,344.32
MW - 9	11/29/99	3391.47	-	46.65	0.00	3,344.82
MW - 9	03/09/00	3391.47	-	47.56	0.00	3,343.91
MW - 9	05/11/00	3391.47	-	47.44	0.00	3,344.03
MW - 9	09/12/00	3391.47	-	47.38	0.00	3,344.09
MW - 9	12/14/00	3391.47	-	46.86	0.00	3,344.61
MW - 9	03/21/01	3391.47	-	46.61	0.00	3,344.86
MW - 9	05/30/01	3391.47	-	47.33	0.00	3,344.14
MW - 9	06/21/01	3391.47	-	47.50	0.00	3,343.97
MW - 9	09/25/01	3391.47	-	47.55	0.00	3,343.92
MW - 9	11/17/01	3391.47	-	47.21	0.00	3,344.26
MW - 9	02/20/02	3391.47	-	47.03	0.00	3,344.44
MW - 9	05/20/02	3391.47	-	47.58	0.00	3,343.89
MW - 9	09/24/02	3391.47	48.27	48.88	0.61	3,343.11
MW - 9	10/29/02	3391.47	48.48	49.18	0.70	3,342.89
MW - 9	11/06/02	3391.47	48.62	49.06	0.44	3,342.78
MW - 9	11/13/02	3391.47	48.95	49.08	0.13	3,342.50
MW - 9	01/07/03	3391.47	sheen	48.69	0.00	3,342.78
MW - 9	01/13/03	3391.47	sheen	48.67	0.00	3,342.80
MW - 9	01/27/03	3391.47	48.80	48.83	0.03	3,342.67
MW - 9	02/06/03	3391.47	48.90	49.00	0.10	3,342.56
MW - 9	03/11/03	3391.47	sheen	48.57	0.00	3,342.90
MW - 9	03/19/03	3391.47	sheen	48.29	0.00	3,343.18
MW - 9	04/02/03	3391.47	sheen	48.27	0.00	3,343.20
MW - 9	04/16/03	3391.47	sheen	48.45	0.00	3,343.02
MW - 9	04/23/03	3391.47	sheen	48.31	0.00	3,343.16
MW - 9	04/29/03	3391.47	sheen	48.35	0.00	3,343.12
MW - 9	05/08/03	3391.47	sheen	48.44	0.00	3,343.03
MW - 9	05/15/03	3391.47	sheen	48.74	0.00	3,342.73

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	05/20/03	3391.47	sheen	48.91	0.00	3,342.56
MW - 9	05/27/03	3391.47	sheen	48.99	0.00	3,342.48
MW - 9	06/03/03	3391.47	48.84	48.85	0.01	3,342.63
MW - 9	06/10/03	3391.47	49.10	49.12	0.02	3,342.37
MW - 9	06/25/03	3391.47	49.14	49.19	0.05	3,342.32
MW - 9	07/02/03	3391.47	49.19	49.21	0.02	3,342.28
MW - 9	07/07/03	3391.47	49.18	49.19	0.01	3,342.29
MW - 9	07/22/03	3391.47	sheen	48.81	0.00	3,342.66
MW - 9	07/30/03	3391.47	sheen	48.57	0.00	3,342.90
MW - 9	08/06/03	3391.47	sheen	48.53	0.00	3,342.94
MW - 9	08/13/03	3391.47	sheen	48.97	0.00	3,342.50
MW - 9	08/19/03	3391.47	sheen	48.69	0.00	3,342.78
MW - 9	08/20/03	3391.47	sheen	49.09	0.00	3,342.38
MW - 9	08/25/03	3391.47	sheen	49.17	0.00	3,342.30
MW - 9	09/08/03	3391.47	sheen	49.58	0.00	3,341.89
MW - 9	09/15/03	3391.47	sheen	49.55	0.00	3,341.92
MW - 9	09/24/03	3391.47	sheen	49.90	0.00	3,341.57
MW - 9	09/30/03	3391.47	sheen	49.51	0.00	3,341.96
MW - 9	10/07/03	3391.47	sheen	49.70	0.00	3,341.77
MW - 9	10/22/03	3391.47	sheen	49.40	0.00	3,342.07
MW - 9	10/27/03	3391.47	sheen	49.31	0.00	3,342.16
MW - 9	11/07/03	3391.47	49.70	49.71	0.01	3,341.77
MW - 9	11/10/03	3391.47	sheen	49.52	0.00	3,341.95
MW - 9	11/17/03	3391.47	sheen	48.82	0.00	3,342.65
MW - 9	12/08/03	3391.47	sheen	48.13	0.00	3,343.34
MW - 9	12/17/03	3391.47	sheen	48.81	0.00	3,342.66
MW - 9	12/22/03	3391.47	49.62	49.63	0.01	3,341.85
MW - 9	01/02/04	3391.47	sheen	47.55	0.00	3,343.92
MW - 9	01/06/04	3391.47	sheen	49.61	0.00	3,341.86
MW - 9	01/19/04	3391.47	sheen	48.05	0.00	3,343.42
MW - 9	01/26/04	3391.47	sheen	48.10	0.00	3,343.37
MW - 9	02/02/04	3391.47	sheen	48.04	0.00	3,343.43
MW - 9	02/09/04	3391.47	sheen	47.63	0.00	3,343.84
MW - 9	02/19/04	3391.47	sheen	47.75	0.00	3,343.72
MW - 9	02/23/04	3391.47	sheen	47.65	0.00	3,343.82
MW - 9	03/01/04	3391.47	sheen	47.61	0.00	3,343.86
MW - 9	03/10/04	3391.47	sheen	47.64	0.00	3,343.83
MW - 9	03/15/04	3391.47	sheen	48.20	0.00	3,343.27
MW - 9	03/23/04	3391.47	sheen	48.61	0.00	3,342.86
MW - 9	03/30/04	3391.47	sheen	48.22	0.00	3,343.25
MW - 9	04/12/04	3391.47	sheen	48.76	0.00	3,342.71
MW - 9	04/20/04	3391.47	sheen	48.31	0.00	3,343.16
MW - 9	05/03/04	3391.47	sheen	48.75	0.00	3,342.72
MW - 9	05/04/04	3391.47	sheen	48.75	0.00	3,342.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	06/09/04	3391.47	sheen	48.71	0.00	3,342.76
MW - 9	06/16/04	3391.47	sheen	48.74	0.00	3,342.73
MW - 9	06/23/04	3391.47	sheen	48.78	0.00	3,342.69
MW - 9	06/30/04	3391.47	sheen	48.14	0.00	3,343.33
MW - 9	07/13/04	3391.47	sheen	48.97	0.00	3,342.50
MW - 9	07/22/04	3391.47	sheen	49.07	0.00	3,342.40
MW - 9	08/23/04	3391.47	-	49.26	0.00	3,342.21
MW - 9	12/04/04	3391.47	-	48.73	0.00	3,342.74
MW - 9	03/07/05	3391.47	-	47.25	0.00	3,344.22
MW - 9	06/07/05	3391.47	sheen	47.23	0.00	3,344.24
MW - 9	09/07/05	3391.47	sheen	47.23	0.00	3,344.24
MW - 9	12/14/05	3391.47	-	46.65	0.00	3,344.82
MW - 9	03/06/06	3391.47	sheen	46.43	0.00	3,345.04
MW - 9	04/13/06	3391.47	sheen	46.25	0.00	3,345.22
MW - 9	04/19/06	3391.47	sheen	46.40	0.00	3,345.07
MW - 9	05/25/06	3391.47	sheen	46.17	0.00	3,345.30
MW - 9	06/05/06	3391.47	-	46.12	0.00	3,345.35
MW - 9	09/11/06	3391.47	-	46.66	0.00	3,344.81
MW - 9	10/31/06	3391.47	sheen	46.88	0.00	3,344.59
MW - 9	11/16/06	3391.47	sheen	46.69	0.00	3,344.78
MW - 9	11/21/06	3391.47	sheen	46.68	0.00	3,344.79
MW - 9	01/26/07	3391.47	sheen	46.58	0.00	3,344.89
MW - 9	01/31/07	3391.47	sheen	46.47	0.00	3,345.00
MW - 9	02/15/07	3391.47	-	46.54	0.00	3,344.93
MW - 9	02/20/07	3391.47	-	46.49	0.00	3,344.98
MW - 9	05/15/07	3391.47	-	46.66	0.00	3,344.81
MW - 9	08/09/07	3391.47	-	46.40	0.00	3,345.07
MW - 9	11/13/07	3391.47	-	46.61	0.00	3,344.86
MW - 9	02/14/08	3391.47	-	46.73	0.00	3,344.74
MW - 9	05/16/08	3391.47	-	46.25	0.00	3,345.22
MW - 9	08/19/08	3391.47	-	46.76	0.00	3,344.71
MW - 9	10/09/08	3391.47	-	46.93	0.00	3,344.54
MW - 9	10/23/08	3391.47	-	46.89	0.00	3,344.58
MW - 9	10/28/08	3391.47	-	46.88	0.00	3,344.59
MW - 9	11/19/08	3391.47	-	46.83	0.00	3,344.64
MW - 9	12/29/08	3391.47	-	-	-	-
MW - 9	02/18/09	3391.47	-	46.15	0.00	3,345.32
MW - 9	03/03/09	3391.47	-	46.28	0.00	3,345.19
MW - 9	03/10/09	3391.47	-	46.38	0.00	3,345.09
MW - 9	03/18/09	3391.47	-	46.44	0.00	3,345.03
MW - 9	03/27/09	3391.47	-	46.45	0.00	3,345.02
MW - 9	04/07/09	3391.47	-	46.62	0.00	3,344.85
MW - 9	04/14/09	3391.47	-	46.64	0.00	3,344.83
MW - 9	04/28/09	3391.47	-	46.77	0.00	3,344.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	05/19/09	3391.47	-	46.89	0.00	3,344.58
MW - 9	06/18/09	3391.47	-	47.09	0.00	3,344.38
MW - 9	06/30/09	3391.47	-	46.26	0.00	3,345.21
MW - 9	07/07/09	3391.47	-	47.09	0.00	3,344.38
MW - 9	07/14/09	3391.47	-	47.10	0.00	3,344.37
MW - 9	07/28/09	3391.47	-	47.12	0.00	3,344.35
MW - 9	08/07/09	3391.47	-	47.14	0.00	3,344.33
MW - 9	08/13/09	3391.47	-	47.05	0.00	3,344.42
MW - 9	09/10/09	3391.47	-	47.10	0.00	3,344.37
MW - 9	09/18/09	3391.47	-	47.17	0.00	3,344.30
MW - 9	09/29/09	3391.47	-	47.14	0.00	3,344.33
MW - 9	10/06/09	3391.47	-	47.13	0.00	3,344.34
MW - 9	10/20/09	3391.47	-	47.11	0.00	3,344.36
MW - 9	10/27/09	3391.47	-	47.10	0.00	3,344.37
MW - 9	11/11/09	3391.47	-	47.16	0.00	3,344.31
MW - 9	12/22/09	3391.47	-	47.09	0.00	3,344.38
MW - 9	01/12/10	3391.47	-	47.11	0.00	3,344.36
MW - 9	02/04/10	3391.47	-	47.24	0.00	3,344.23
MW - 9	03/03/10	3391.47	-	47.44	0.00	3,344.03
MW - 9	04/15/10	3391.47	-	47.48	0.00	3,343.99
MW - 9	05/07/10	3391.47	-	47.32	0.00	3,344.15
MW - 9	06/25/10	3391.47	-	47.45	0.00	3,344.02
MW - 9	08/06/10	3391.47	-	47.31	0.00	3,344.16
MW - 9	11/05/10	3391.47	-	47.30	0.00	3,344.17
MW - 9	02/11/11	3391.47	-	47.33	0.00	3,344.14
MW - 9	05/09/11	3391.47	-	47.30	0.00	3,344.17
MW - 9	08/05/11	3391.47	-	47.30	0.00	3,344.17
MW - 9	11/17/11	3391.47	-	48.53	0.00	3,342.94
MW - 9	02/28/12	3391.47	-	48.26	0.00	3,343.21
MW - 9	05/03/12	3391.47	-	48.23	0.00	3,343.24
MW - 9	08/24/12	3391.47	-	48.58	0.00	3,342.89
MW - 9	11/15/12	3391.47	-	48.39	0.00	3,343.08
MW - 9	01/14/13	3391.47	-	48.27	0.00	3,343.20
MW - 9	02/14/13	3391.47	-	48.23	0.00	3,343.24
MW - 9	03/29/13	3391.47	-	48.17	0.00	3,343.30
MW - 9	04/19/13	3391.47	-	48.19	0.00	3,343.28
MW - 9	04/30/13	3391.47	-	48.14	0.00	3,343.33
MW - 9	05/23/13	3391.47	-	48.24	0.00	3,343.23
MW - 9	05/28/13	3391.47	-	48.20	0.00	3,343.27
MW - 9	05/30/13	3391.47	-	48.21	0.00	3,343.26
MW - 9	06/06/13	3391.47	-	48.32	0.00	3,343.15
MW - 9	06/13/13	3391.47	-	48.35	0.00	3,343.12
MW - 9	06/19/13	3391.47	-	48.31	0.00	3,343.16
MW - 9	07/30/13	3391.47	-	48.58	0.00	3,342.89

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	08/06/13	3391.47	-	48.54	0.00	3,342.93
MW - 9	08/09/13	3391.47	-	48.63	0.00	3,342.84
MW - 9	08/30/13	3391.47	-	48.69	0.00	3,342.78
MW - 9	09/12/13	3391.47	-	48.73	0.00	3,342.74
MW - 9	10/03/13	3391.47	-	48.74	0.00	3,342.73
MW - 9	11/01/13	3391.47	-	48.85	0.00	3,342.62
MW - 9	11/07/13	3391.47	-	48.87	0.00	3,342.60
MW - 9	12/10/13	3391.47	-	48.80	0.00	3,342.67
MW - 9	01/01/14	3391.47	-	48.70	0.00	3,342.77
MW - 9	01/16/14	3391.47	-	48.75	0.00	3,342.72
MW - 9	01/23/14	3391.47	-	48.88	0.00	3,342.59
MW - 9	01/28/14	3391.47	-	48.90	0.00	3,342.57
MW - 9	02/11/14	3391.47	-	48.86	0.00	3,342.61
MW - 9	03/05/14	3391.47	-	48.82	0.00	3,342.65
MW - 9	03/13/14	3391.47	-	48.84	0.00	3,342.63
MW - 9	03/29/14	3391.47	-	48.79	0.00	3,342.68
MW - 9	04/08/14	3391.47	-	48.85	0.00	3,342.62
MW - 9	04/17/14	3391.47	-	48.81	0.00	3,342.66
MW - 9	04/25/14	3391.47	-	48.73	0.00	3,342.74
MW - 9	05/08/14	3391.47	-	48.72	0.00	3,342.75
MW - 9	05/14/14	3391.47	-	48.70	0.00	3,342.77
MW - 9	05/27/14	3391.47	-	48.81	0.00	3,342.66
MW - 9	05/29/14	3391.47	-	48.82	0.00	3,342.65
MW - 9	06/18/14	3391.47	-	48.77	0.00	3,342.70
MW - 9	07/23/14	3391.47	-	49.10	0.00	3,342.37
MW - 9	08/12/14	3391.47	-	49.13	0.00	3,342.34
MW - 9	10/28/14	3391.47	-	48.97	0.00	3,342.50
MW - 9	11/15/14	3391.47	-	48.85	0.00	3,342.62
MW - 9	02/16/15	3391.47	-	48.49	0.00	3,342.98
MW - 9	03/18/15	3391.47	-	48.34	0.00	3,343.13
MW - 9	04/08/15	3391.47	-	48.22	0.00	3,343.25
MW - 9	05/28/15	3391.47	-	48.00	0.00	3,343.47
MW - 9	07/09/15	3391.47	-	47.99	0.00	3,343.48
MW - 9	08/26/15	3391.47	-	48.18	0.00	3,343.29
MW - 9	09/11/15	3391.47	-	48.26	0.00	3,343.21
MW - 9	09/25/15	3391.47	-	48.38	0.00	3,343.09
MW - 9	10/09/15	3391.47	-	48.42	0.00	3,343.05
MW - 9	10/15/15	3391.47	-	48.38	0.00	3,343.09
MW - 9	11/20/15	3391.47	-	48.34	0.00	3,343.13
MW - 9	12/11/15	3391.47	-	48.18	0.00	3,343.29
MW - 9	01/13/16	3391.47	-	48.00	0.00	3,343.47
MW - 9	02/17/16	3391.47	-	47.79	0.00	3,343.68
MW - 9	03/18/16	3391.47	-	47.72	0.00	3,343.75
MW - 9	04/08/16	3391.47	-	47.69	0.00	3,343.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	04/12/16	3391.47	-	47.73	0.00	3,343.74
MW - 9	05/03/16	3391.47	-	47.64	0.00	3,343.83
MW - 9	05/26/16	3391.47	-	47.62	0.00	3,343.85
MW - 9	06/09/16	3391.47	-	47.72	0.00	3,343.75
MW - 9	07/01/16	3391.47	-	47.72	0.00	3,343.75
MW - 9	07/20/16	3391.47	-	47.81	0.00	3,343.66
MW - 9	08/04/16	3391.47	-	47.81	0.00	3,343.66
MW - 9	09/28/16	3391.47	-	47.89	0.00	3,343.58
MW - 9	11/29/16	3391.47	-	47.62	0.00	3,343.85
MW - 9	12/16/16	3391.47	-	47.55	0.00	3,343.92
MW - 9	01/26/17	3391.47	-	47.50	0.00	3,343.97
MW - 9	02/27/17	3391.47	-	47.36	0.00	3,344.11
MW - 9	03/30/17	3391.47	-	47.31	0.00	3,344.16
MW - 9	04/21/17	3391.47	-	47.25	0.00	3,344.22
MW - 9	05/18/17	3391.47	-	47.21	0.00	3,344.26
MW - 9	08/29/17	3391.47	-	47.12	0.00	3,344.35
MW - 9	10/13/17	3391.47	-	47.03	0.00	3,344.44
MW - 9	10/20/17	3391.47	-	47.03	0.00	3,344.44
MW - 9	11/07/17	3391.47	-	47.03	0.00	3,344.44
MW - 9	01/31/18	3391.47	-	46.85	0.00	3,344.62
MW - 9	02/22/18	3391.47	-	46.90	0.00	3,344.57
MW - 9	03/15/18	3391.47	-	46.85	0.00	3,344.62
MW - 9	04/20/18	3391.47	-	46.85	0.00	3,344.62
MW - 9	05/22/18	3391.47	-	46.85	0.00	3,344.62
MW - 9	06/27/18	3391.47	-	46.94	0.00	3,344.53
MW - 9	07/31/18	3391.47	-	47.07	0.00	3,344.40
MW - 9	08/29/18	3391.47	-	47.14	0.00	3,344.33
MW - 9	09/28/18	3391.47	-	47.13	0.00	3,344.34
MW - 9	11/29/18	3391.47	-	47.02	0.00	3,344.45
MW - 9	12/13/18	3391.47	-	47.05	0.00	3,344.42
MW - 9	01/03/19	3391.47	-	46.95	0.00	3,344.52
MW - 9	03/05/19	3391.47	-	46.92	0.00	3,344.55
MW - 9	03/20/19	3391.47	-	46.88	0.00	3,344.59
MW - 9	04/04/19	3391.47	-	46.81	0.00	3,344.66
MW - 9	06/11/19	3391.47	-	46.73	0.00	3,344.74
MW - 9	07/15/19	3391.47	-	46.70	0.00	3,344.77
MW - 9	08/15/19	3391.47	-	46.68	0.00	3,344.79
MW - 9	11/25/19	3391.47	-	46.43	0.00	3,345.04
MW - 9	12/12/19	3391.47	-	46.48	0.00	3,344.99
MW - 9	01/24/20	3391.47	-	46.46	0.00	3,345.01
MW - 9	02/25/20	3391.47	-	46.49	0.00	3,344.98
MW - 9	05/28/20	3391.47	-	46.34	0.00	3,345.13
MW - 9	06/15/20	3391.47	-	46.35	0.00	3,345.12
MW - 9	08/27/20	3391.47	-	46.47	0.00	3,345.00

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	09/10/20	3391.47	-	46.58	0.00	3,344.89
MW - 9	10/21/20	3391.47	-	46.55	0.00	3,344.92
MW - 9	12/01/20	3391.47	-	46.44	0.00	3,345.03
MW - 9	*01/06/21*	3391.47	-	46.49	0.00	3,344.98
MW - 9	*02/04/21*	3391.47	-	46.48	0.00	3,344.99
MW - 9	*04/26/21*	3391.47	-	46.19	0.00	3,345.28
MW - 9	*06/16/21*	3391.47	-	46.27	0.00	3,345.20
MW - 9	*07/28/21*	3391.47	-	46.44	0.00	3,345.03
MW - 9	*08/19/21*	3391.47	-	46.51	0.00	3,344.96
MW - 9	*09/24/21*	3391.47	-	46.61	0.00	3,344.86
MW - 9	*10/18/21*	3391.47	-	46.65	0.00	3,344.82
MW - 9	*11/30/21*	3391.47	-	46.66	0.00	3,344.81
MW - 10	11/29/99	3391.26	46.26	47.23	0.97	3,344.85
MW - 10	03/09/00	3391.26	47.17	48.59	1.42	3,343.88
MW - 10	05/11/00	3391.26	46.67	47.69	1.02	3,344.44
MW - 10	09/12/00	3391.26	46.86	47.51	0.65	3,344.30
MW - 10	12/14/00	3391.26	46.61	47.51	0.90	3,344.52
MW - 10	03/21/01	3391.26	47.17	48.59	1.42	3,343.88
MW - 10	05/30/01	3391.26	46.99	48.40	1.41	3,344.06
MW - 10	09/25/01	3391.26	47.18	49.57	2.39	3,343.72
MW - 10	11/17/01	3391.26	46.61	47.51	0.90	3,344.52
MW - 10	02/20/02	3391.26	46.76	47.88	1.12	3,344.33
MW - 10	05/20/02	3391.26	47.44	47.61	0.17	3,343.79
MW - 10	09/24/02	3391.26	47.81	50.60	2.79	3,343.03
MW - 10	10/29/02	3391.26	48.01	50.77	2.76	3,342.84
MW - 10	11/06/02	3391.26	48.61	50.06	1.45	3,342.43
MW - 10	01/07/03	3391.26	48.52	48.55	0.03	3,342.74
MW - 10	01/13/03	3391.26	48.46	48.50	0.04	3,342.79
MW - 10	01/27/03	3391.26	48.30	50.03	1.73	3,342.70
MW - 10	02/06/03	3391.26	48.42	49.98	1.56	3,342.61
MW - 10	02/19/03	3391.26	48.25	49.92	1.67	3,342.76
MW - 10	03/05/03	3391.26	48.49	50.79	2.30	3,342.43
MW - 10	03/11/03	3391.26	48.00	48.75	0.75	3,343.15
MW - 10	03/19/03	3391.26	48.05	48.72	0.67	3,343.11
MW - 10	03/25/03	3391.26	46.14	47.92	1.78	3,344.85
MW - 10	04/02/03	3391.26	sheen	48.28	0.00	3,342.98
MW - 10	04/16/03	3391.26	sheen	48.32	0.00	3,342.94
MW - 10	04/23/03	3391.26	48.14	48.22	0.08	3,343.11
MW - 10	04/29/03	3391.26	48.13	48.41	0.28	3,343.09
MW - 10	05/08/03	3391.26	48.12	49.31	1.19	3,342.96
MW - 10	05/15/03	3391.26	48.24	49.84	1.60	3,342.78
MW - 10	05/20/03	3391.26	48.41	50.26	1.85	3,342.57
MW - 10	05/27/03	3391.26	48.53	49.42	0.89	3,342.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	06/03/03	3391.26	48.38	50.59	2.21	3,342.55
MW - 10	06/10/03	3391.26	48.67	50.07	1.40	3,342.38
MW - 10	06/25/03	3391.26	48.69	50.94	2.25	3,342.23
MW - 10	07/02/03	3391.26	48.82	51.06	2.24	3,342.10
MW - 10	07/07/03	3391.26	48.90	50.02	1.12	3,342.19
MW - 10	07/22/03	3391.26	48.59	48.97	0.38	3,342.61
MW - 10	07/30/03	3391.26	48.15	49.41	1.26	3,342.92
MW - 10	08/06/03	3391.26	48.30	48.49	0.19	3,342.93
MW - 10	08/13/03	3391.26	48.49	49.27	0.78	3,342.65
MW - 10	08/19/03	3391.26	48.43	49.26	0.83	3,342.71
MW - 10	08/20/03	3391.26	48.78	49.69	0.91	3,342.34
MW - 10	08/25/03	3391.26	48.87	50.05	1.18	3,342.21
MW - 10	09/08/03	3391.26	49.12	49.82	0.70	3,342.04
MW - 10	09/15/03	3391.26	49.10	49.91	0.81	3,342.04
MW - 10	09/24/03	3391.26	49.34	49.78	0.44	3,341.85
MW - 10	09/30/03	3391.26	49.10	50.45	1.35	3,341.96
MW - 10	10/07/03	3391.26	49.17	50.82	1.65	3,341.84
MW - 10	10/22/03	3391.26	49.00	50.74	1.74	3,342.00
MW - 10	10/27/03	3391.26	40.98	50.66	9.68	3,348.83
MW - 10	11/07/03	3391.26	49.14	50.78	1.64	3,341.87
MW - 10	11/10/03	3391.26	49.08	50.58	1.50	3,341.96
MW - 10	11/17/03	3391.26	48.49	49.49	1.00	3,342.62
MW - 10	12/08/03	3391.26	47.23	47.71	0.48	3,343.96
MW - 10	12/17/03	3391.26	48.47	49.53	1.06	3,342.63
MW - 10	12/22/03	3391.26	49.11	50.86	1.75	3,341.89
MW - 10	01/02/04	3391.26	47.25	47.26	0.01	3,344.01
MW - 10	01/06/04	3391.26	49.14	50.74	1.60	3,341.88
MW - 10	01/19/04	3391.26	-	47.81	0.00	3,343.45
MW - 10	01/26/04	3391.26	47.89	47.90	0.01	3,343.37
MW - 10	02/02/04	3391.26	47.87	47.87	0.00	3,343.39
MW - 10	02/09/04	3391.26	47.51	47.63	0.12	3,343.73
MW - 10	02/19/04	3391.26	47.60	47.60	0.00	3,343.66
MW - 10	02/23/04	3391.26	47.52	47.65	0.13	3,343.72
MW - 10	03/01/04	3391.26	47.50	47.61	0.11	3,343.74
MW - 10	03/10/04	3391.26	47.53	47.62	0.09	3,343.72
MW - 10	03/15/04	3391.26	-	48.87	0.00	3,342.39
MW - 10	03/23/04	3391.26	-	48.63	0.00	3,342.63
MW - 10	03/30/04	3391.26	48.69	48.70	0.01	3,342.57
MW - 10	04/12/04	3391.26	-	48.65	0.00	3,342.61
MW - 10	04/20/04	3391.26	-	48.08	0.00	3,343.18
MW - 10	05/03/04	3391.26	48.50	48.51	0.01	3,342.76
MW - 10	05/04/04	3391.26	-	48.51	0.00	3,342.75
MW - 10	06/09/04	3391.26	48.58	48.62	0.04	3,342.67
MW - 10	06/16/04	3391.26	48.59	48.61	0.02	3,342.67

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	06/23/04	3391.26	48.62	48.63	0.01	3,342.64
MW - 10	06/30/04	3391.26	48.57	48.58	0.01	3,342.69
MW - 10	07/13/04	3391.26	48.81	48.89	0.08	3,342.44
MW - 10	07/22/04	3391.26	48.93	49.10	0.17	3,342.30
MW - 10	08/23/04	3391.26	49.11	49.13	0.02	3,342.15
MW - 10	09/22/04	3391.26	sheen	49.25	0.00	3,342.01
MW - 10	09/29/04	3391.26	sheen	49.12	0.00	3,342.14
MW - 10	10/04/04	3391.26	sheen	48.45	0.00	3,342.81
MW - 10	10/11/04	3391.26	sheen	48.30	0.00	3,342.96
MW - 10	10/19/04	3391.26	sheen	48.35	0.00	3,342.91
MW - 10	10/25/04	3391.26	sheen	48.37	0.00	3,342.89
MW - 10	11/01/04	3391.26	sheen	48.58	0.00	3,342.68
MW - 10	11/09/04	3391.26	sheen	48.55	0.00	3,342.71
MW - 10	11/17/04	3391.26	sheen	48.89	0.00	3,342.37
MW - 10	11/22/04	3391.26	sheen	48.90	0.00	3,342.36
MW - 10	11/29/04	3391.26	48.02	48.19	0.17	3,343.21
MW - 10	12/04/04	3391.26	47.58	47.60	0.02	3,343.68
MW - 10	12/13/04	3391.26	sheen	47.34	0.00	3,343.92
MW - 10	12/20/04	3391.26	sheen	47.25	0.00	3,344.01
MW - 10	12/30/04	3391.26	sheen	46.96	0.00	3,344.30
MW - 10	01/03/05	3391.26	sheen	46.97	0.00	3,344.29
MW - 10	01/10/05	3391.26	sheen	47.17	0.00	3,344.09
MW - 10	01/17/05	3391.26	sheen	47.19	0.00	3,344.07
MW - 10	01/24/05	3391.26	sheen	47.22	0.00	3,344.04
MW - 10	01/31/05	3391.26	sheen	47.32	0.00	3,343.94
MW - 10	02/07/05	3391.26	sheen	47.26	0.00	3,344.00
MW - 10	02/14/05	3391.26	sheen	47.30	0.00	3,343.96
MW - 10	02/21/05	3391.26	sheen	47.31	0.00	3,343.95
MW - 10	02/28/05	3391.26	sheen	47.33	0.00	3,343.93
MW - 10	03/07/05	3391.26	-	47.17	0.00	3,344.09
MW - 10	03/07/05	3391.26	sheen	47.17	0.00	3,344.09
MW - 10	03/16/05	3391.26	sheen	47.00	0.00	3,344.26
MW - 10	03/21/05	3391.26	sheen	46.94	0.00	3,344.32
MW - 10	03/28/05	3391.26	sheen	47.07	0.00	3,344.19
MW - 10	04/04/05	3391.26	sheen	46.10	0.00	3,345.16
MW - 10	04/13/05	3391.26	sheen	46.13	0.00	3,345.13
MW - 10	04/18/05	3391.26	sheen	47.02	0.00	3,344.24
MW - 10	05/23/05	3391.26	sheen	47.30	0.00	3,343.96
MW - 10	06/07/05	3391.26	sheen	47.11	0.00	3,344.15
MW - 10	06/21/05	3391.26	sheen	47.27	0.00	3,343.99
MW - 10	07/26/05	3391.26	sheen	47.04	0.00	3,344.22
MW - 10	08/25/05	3391.26	sheen	47.14	0.00	3,344.12
MW - 10	09/07/05	3391.26	-	47.18	0.00	3,344.08
MW - 10	09/26/05	3391.26	sheen	47.25	0.00	3,344.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	11/14/05	3391.26	sheen	46.95	0.00	3,344.31
MW - 10	12/14/05	3391.26	-	46.52	0.00	3,344.74
MW - 10	01/01/00	3391.26	sheen	46.22	0.00	3,345.04
MW - 10	01/18/06	3391.26	sheen	46.33	0.00	3,344.93
MW - 10	02/15/06	3391.26	sheen	46.15	0.00	3,345.11
MW - 10	03/06/06	3391.26	sheen	46.27	0.00	3,344.99
MW - 10	03/20/06	3391.26	sheen	46.35	0.00	3,344.91
MW - 10	04/13/06	3391.26	sheen	46.13	0.00	3,345.13
MW - 10	04/19/06	3391.26	sheen	46.24	0.00	3,345.02
MW - 10	05/25/06	3391.26	sheen	45.98	0.00	3,345.28
MW - 10	06/05/06	3391.26	sheen	45.95	0.00	3,345.31
MW - 10	09/11/06	3391.26	sheen	46.49	0.00	3,344.77
MW - 10	10/31/06	3391.26	sheen	46.75	0.00	3,344.51
MW - 10	11/16/06	3391.26	sheen	46.58	0.00	3,344.68
MW - 10	11/21/06	3391.26	sheen	46.55	0.00	3,344.71
MW - 10	01/26/07	3391.26	sheen	46.45	0.00	3,344.81
MW - 10	01/31/07	3391.26	sheen	46.34	0.00	3,344.92
MW - 10	02/15/07	3391.26	-	46.39	0.00	3,344.87
MW - 10	02/20/07	3391.26	-	46.40	0.00	3,344.86
MW - 10	05/15/07	3391.26	sheen	46.61	0.00	3,344.65
MW - 10	08/09/07	3391.26	sheen	46.28	0.00	3,344.98
MW - 10	10/01/07	3391.26	sheen	46.58	0.00	3,344.68
MW - 10	10/12/07	3391.26	sheen	46.55	0.00	3,344.71
MW - 10	11/13/07	3391.26	sheen	46.62	0.00	3,344.64
MW - 10	02/14/08	3391.26	-	46.79	0.00	3,344.47
MW - 10	04/18/08	3391.26	-	45.88	0.00	3,345.38
MW - 10	05/16/08	3391.26	-	46.12	0.00	3,345.14
MW - 10	07/15/08	3391.26	-	46.56	0.00	3,344.70
MW - 10	07/16/08	3391.26	-	46.62	0.00	3,344.64
MW - 10	08/12/08	3391.26	-	46.65	0.00	3,344.61
MW - 10	08/19/08	3391.26	-	46.71	0.00	3,344.55
MW - 10	10/09/08	3391.26	-	46.90	0.00	3,344.36
MW - 10	10/23/08	3391.26	-	46.88	0.00	3,344.38
MW - 10	10/28/08	3391.26	-	46.84	0.00	3,344.42
MW - 10	11/19/08	3391.26	-	46.25	0.00	3,345.01
MW - 10	11/24/08	3391.26	-	47.10	0.00	3,344.16
MW - 10	12/17/08	3391.26	-	46.92	0.00	3,344.34
MW - 10	02/18/09	3391.26	-	46.17	0.00	3,345.09
MW - 10	03/03/09	3391.26	-	46.11	0.00	3,345.15
MW - 10	03/10/09	3391.26	-	46.29	0.00	3,344.97
MW - 10	03/18/09	3391.26	-	46.38	0.00	3,344.88
MW - 10	03/27/09	3391.26	-	46.44	0.00	3,344.82
MW - 10	04/07/09	3391.26	-	46.54	0.00	3,344.72
MW - 10	04/14/09	3391.26	-	45.59	0.00	3,345.67

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	04/28/09	3391.26	-	46.68	0.00	3,344.58
MW - 10	05/19/09	3391.26	-	46.78	0.00	3,344.48
MW - 10	05/27/09	3391.26	-	46.86	0.00	3,344.40
MW - 10	06/04/09	3391.26	-	46.87	0.00	3,344.39
MW - 10	06/12/09	3391.26	-	46.93	0.00	3,344.33
MW - 10	06/18/09	3391.26	-	46.96	0.00	3,344.30
MW - 10	06/30/09	3391.26	-	46.13	0.00	3,345.13
MW - 10	07/07/09	3391.26	-	47.02	0.00	3,344.24
MW - 10	07/14/09	3391.26	-	47.04	0.00	3,344.22
MW - 10	07/21/09	3391.26	-	47.05	0.00	3,344.21
MW - 10	07/28/09	3391.26	-	47.04	0.00	3,344.22
MW - 10	08/07/09	3391.26	-	47.05	0.00	3,344.21
MW - 10	08/13/09	3391.26	-	47.01	0.00	3,344.25
MW - 10	08/21/09	3391.26	-	47.04	0.00	3,344.22
MW - 10	08/27/09	3391.26	-	47.08	0.00	3,344.18
MW - 10	09/10/09	3391.26	-	47.06	0.00	3,344.20
MW - 10	09/18/09	3391.26	-	47.09	0.00	3,344.17
MW - 10	09/29/09	3391.26	-	47.05	0.00	3,344.21
MW - 10	10/06/09	3391.26	-	47.07	0.00	3,344.19
MW - 10	10/20/09	3391.26	-	47.10	0.00	3,344.16
MW - 10	10/27/09	3391.26	-	47.11	0.00	3,344.15
MW - 10	11/11/09	3391.26	-	47.11	0.00	3,344.15
MW - 10	11/13/09	3391.26	-	47.00	0.00	3,344.26
MW - 10	12/08/09	3391.26	-	46.95	0.00	3,344.31
MW - 10	12/22/09	3391.26	-	47.11	0.00	3,344.15
MW - 10	01/12/10	3391.26	-	47.13	0.00	3,344.13
MW - 10	01/22/10	3391.26	-	47.06	0.00	3,344.20
MW - 10	02/04/10	3391.26	-	47.13	0.00	3,344.13
MW - 10	03/03/10	3391.26	sheen	47.33	0.00	3,343.93
MW - 10	03/16/10	3391.26	sheen	47.42	0.00	3,343.84
MW - 10	04/15/10	3391.26	sheen	47.43	0.00	3,343.83
MW - 10	05/07/10	3391.26	sheen	47.41	0.00	3,343.85
MW - 10	05/28/10	3391.26	sheen	47.43	0.00	3,343.83
MW - 10	06/08/10	3391.26	sheen	47.38	0.00	3,343.88
MW - 10	06/25/10	3391.26	-	47.36	0.00	3,343.90
MW - 10	07/08/10	3391.26	sheen	47.35	0.00	3,343.91
MW - 10	07/28/10	3391.26	sheen	47.37	0.00	3,343.89
MW - 10	08/06/10	3391.26	-	47.41	0.00	3,343.85
MW - 10	08/31/10	3391.26	sheen	47.44	0.00	3,343.82
MW - 10	09/10/10	3391.26	sheen	47.49	0.00	3,343.77
MW - 10	09/24/10	3391.26	sheen	47.37	0.00	3,343.89
MW - 10	10/06/10	3391.26	sheen	47.35	0.00	3,343.91
MW - 10	10/26/10	3391.26	-	47.06	0.00	3,344.20
MW - 10	11/05/10	3391.26	-	47.45	0.00	3,343.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	12/17/10	3391.26	-	47.07	0.00	3,344.19
MW - 10	01/13/11	3391.26	-	47.43	0.00	3,343.83
MW - 10	02/11/11	3391.26	-	47.45	0.00	3,343.81
MW - 10	05/09/11	3391.26	-	47.47	0.00	3,343.79
MW - 10	05/20/11	3391.26	-	47.84	0.00	3,343.42
MW - 10	06/29/11	3391.26	-	47.93	0.00	3,343.33
MW - 10	07/05/11	3391.26	-	48.01	0.00	3,343.25
MW - 10	07/25/11	3391.26	-	48.11	0.00	3,343.15
MW - 10	08/05/11	3391.26	-	47.50	0.00	3,343.76
MW - 10	08/11/11	3391.26	-	48.24	0.00	3,343.02
MW - 10	08/24/11	3391.26	-	48.30	0.00	3,342.96
MW - 10	09/09/11	3391.26	-	48.34	0.00	3,342.92
MW - 10	09/23/11	3391.26	-	48.41	0.00	3,342.85
MW - 10	11/17/11	3391.26	-	48.44	0.00	3,342.82
MW - 10	01/30/12	3391.26	48.35	48.75	0.40	3,342.85
MW - 10	02/28/12	3391.26	48.05	48.70	0.65	3,343.11
MW - 10	03/15/12	3391.26	48.13	48.64	0.51	3,343.05
MW - 10	03/28/12	3391.26	48.15	48.48	0.33	3,343.06
MW - 10	04/05/12	3391.26	47.96	48.40	0.44	3,343.23
MW - 10	04/23/12	3391.26	47.94	48.60	0.66	3,343.22
MW - 10	05/03/12	3391.26	48.13	49.38	1.25	3,342.94
MW - 10	06/28/12	3391.26	48.21	49.84	1.63	3,342.81
MW - 10	08/24/12	3391.26	48.30	48.95	0.65	3,342.86
MW - 10	10/12/12	3391.26	48.22	50.05	1.83	3,342.77
MW - 10	10/24/12	3391.26	48.14	49.57	1.43	3,342.91
MW - 10	11/15/12	3391.26	48.14	49.76	1.62	3,342.88
MW - 10	12/20/12	3391.26	48.11	49.86	1.75	3,342.89
MW - 10	01/14/13	3391.26	47.97	49.60	1.63	3,343.05
MW - 10	02/14/13	3391.26	47.94	49.73	1.79	3,343.05
MW - 10	03/29/13	3391.26	47.89	49.61	1.72	3,343.11
MW - 10	04/19/13	3391.26	47.89	49.59	1.70	3,343.12
MW - 10	04/30/13	3391.26	47.86	49.39	1.53	3,343.17
MW - 10	05/23/13	3391.26	47.89	49.72	1.83	3,343.10
MW - 10	05/28/13	3391.26	47.98	49.38	1.40	3,343.07
MW - 10	05/30/13	3391.26	47.92	49.43	1.51	3,343.11
MW - 10	06/06/13	3391.26	48.01	49.72	1.71	3,342.99
MW - 10	06/13/13	3391.26	48.04	49.66	1.62	3,342.98
MW - 10	06/19/13	3391.26	48.03	49.54	1.51	3,343.00
MW - 10	07/30/13	3391.26	48.15	50.59	2.44	3,342.74
MW - 10	08/06/13	3391.26	48.17	50.49	2.32	3,342.74
MW - 10	08/09/13	3391.26	48.22	50.61	2.39	3,342.68
MW - 10	08/30/13	3391.26	48.27	50.63	2.36	3,342.64
MW - 10	09/12/13	3391.26	48.38	50.43	2.05	3,342.57
MW - 10	10/03/13	3391.26	48.38	50.43	2.05	3,342.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	11/01/13	3391.26	48.48	50.74	2.26	3,342.44
MW - 10	11/07/13	3391.26	48.60	50.18	1.58	3,342.42
MW - 10	12/10/13	3391.26	48.41	49.60	1.19	3,342.67
MW - 10	01/01/14	3391.26	48.43	49.91	1.48	3,342.61
MW - 10	01/16/14	3391.26	48.48	50.32	1.84	3,342.50
MW - 10	01/23/14	3391.26	48.48	50.52	2.04	3,342.47
MW - 10	01/28/14	3391.26	48.65	50.13	1.48	3,342.39
MW - 10	02/11/14	3391.26	48.67	49.72	1.05	3,342.43
MW - 10	03/05/14	3391.26	48.59	50.27	1.68	3,342.42
MW - 10	03/13/14	3391.26	48.55	50.35	1.80	3,342.44
MW - 10	03/29/14	3391.26	48.57	49.99	1.42	3,342.48
MW - 10	04/08/14	3391.26	48.67	49.89	1.22	3,342.41
MW - 10	04/17/14	3391.26	48.68	49.85	1.17	3,342.40
MW - 10	04/25/14	3391.26	48.60	49.49	0.89	3,342.53
MW - 10	05/01/14	3391.26	48.66	49.30	0.64	3,342.50
MW - 10	05/08/14	3391.26	48.62	49.37	0.75	3,342.53
MW - 10	05/14/14	3391.26	48.63	49.35	0.72	3,342.52
MW - 10	05/23/14	3391.26	48.70	49.48	0.78	3,342.44
MW - 10	05/27/14	3391.26	48.80	49.23	0.43	3,342.40
MW - 10	05/29/14	3391.26	48.81	49.23	0.42	3,342.39
MW - 10	06/11/14	3391.26	48.79	49.36	0.57	3,342.38
MW - 10	06/05/14	3391.26	48.74	49.36	0.62	3,342.43
MW - 10	06/18/14	3391.26	48.78	49.45	0.67	3,342.38
MW - 10	06/26/14	3391.26	48.81	49.38	0.57	3,342.36
MW - 10	07/01/14	3391.26	48.43	49.42	0.99	3,342.68
MW - 10	07/10/14	3391.26	48.93	49.63	0.70	3,342.23
MW - 10	07/17/14	3391.26	48.91	49.75	0.84	3,342.22
MW - 10	07/23/14	3391.26	49.07	49.65	0.58	3,342.10
MW - 10	07/31/14	3391.26	49.02	49.65	0.63	3,342.15
MW - 10	08/06/14	3391.26	49.02	49.49	0.47	3,342.17
MW - 10	08/12/14	3391.26	49.09	49.53	0.44	3,342.10
MW - 10	08/21/14	3391.26	49.05	49.68	0.63	3,342.12
MW - 10	09/04/14	3391.26	49.08	49.78	0.70	3,342.08
MW - 10	10/02/14	3391.26	48.94	49.78	0.84	3,342.19
MW - 10	10/08/14	3391.26	48.91	49.46	0.55	3,342.27
MW - 10	10/14/14	3391.26	48.93	49.43	0.50	3,342.26
MW - 10	10/17/14	3391.26	48.97	49.42	0.45	3,342.22
MW - 10	10/23/14	3391.26	48.91	49.40	0.49	3,342.28
MW - 10	10/24/14	3391.26	48.91	49.40	0.49	3,342.28
MW - 10	10/28/14	3391.26	48.90	49.27	0.37	3,342.30
MW - 10	11/07/14	3391.26	48.81	49.26	0.45	3,342.38
MW - 10	11/14/14	3391.26	48.83	49.23	0.40	3,342.37
MW - 10	11/15/14	3391.26	48.78	49.21	0.43	3,342.42
MW - 10	12/04/14	3391.26	48.14	49.22	1.08	3,342.96

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	12/11/14	3391.26	48.85	49.21	0.36	3,342.36
MW - 10	12/18/14	3391.26	48.59	49.44	0.85	3,342.54
MW - 10	12/23/14	3391.26	48.86	49.19	0.33	3,342.35
MW - 10	01/07/15	3391.26	48.70	49.35	0.65	3,342.46
MW - 10	01/15/15	3391.26	48.57	49.21	0.64	3,342.59
MW - 10	01/28/15	3391.26	48.42	49.22	0.80	3,342.72
MW - 10	02/04/15	3391.26	48.38	49.23	0.85	3,342.75
MW - 10	02/13/15	3391.26	48.37	49.19	0.82	3,342.77
MW - 10	02/16/15	3391.26	48.36	49.28	0.92	3,342.76
MW - 10	02/17/15	3391.26	48.39	49.30	0.91	3,342.73
MW - 10	02/24/15	3391.26	48.37	49.07	0.70	3,342.79
MW - 10	03/10/15	3391.26	48.31	49.09	0.78	3,342.83
MW - 10	03/17/15	3391.26	48.30	49.01	0.71	3,342.85
MW - 10	03/18/15	3391.26	48.25	48.94	0.69	3,342.91
MW - 10	03/25/15	3391.26	48.23	48.92	0.69	3,342.93
MW - 10	04/07/15	3391.26	48.22	48.91	0.69	3,342.94
MW - 10	04/08/15	3391.26	48.13	48.76	0.63	3,343.04
MW - 10	04/21/15	3391.26	-	48.26	0.00	3,343.00
MW - 10	04/28/15	3391.26	48.89	49.13	0.24	3,342.33
MW - 10	05/06/15	3391.26	48.20	48.32	0.12	3,343.04
MW - 10	05/20/15	3391.26	48.08	48.37	0.29	3,343.14
MW - 10	05/28/15	3391.26	48.04	48.34	0.30	3,343.18
MW - 10	06/02/15	3391.26	47.99	48.27	0.28	3,343.23
MW - 10	06/09/15	3391.26	47.93	48.24	0.31	3,343.28
MW - 10	06/18/15	3391.26	48.12	48.19	0.07	3,343.13
MW - 10	06/30/15	3391.26	48.24	48.27	0.03	3,343.02
MW - 10	07/06/15	3391.26	48.36	48.37	0.01	3,342.90
MW - 10	07/09/15	3391.26	48.27	48.30	0.03	3,342.99
MW - 10	07/21/15	3391.26	-	48.10	0.00	3,343.16
MW - 10	07/28/15	3391.26	48.07	48.08	0.01	3,343.19
MW - 10	08/06/15	3391.26	48.83	49.12	0.29	3,342.39
MW - 10	08/11/15	3391.26	48.10	48.13	0.03	3,343.16
MW - 10	08/18/15	3391.26	48.04	48.05	0.01	3,343.22
MW - 10	08/26/15	3391.26	48.18	48.30	0.12	3,343.06
MW - 10	09/11/15	3391.26	48.25	48.37	0.12	3,342.99
MW - 10	09/17/15	3391.26	48.28	48.42	0.14	3,342.96
MW - 10	09/25/15	3391.26	48.38	48.44	0.06	3,342.87
MW - 10	09/30/15	3391.26	48.36	48.51	0.15	3,342.88
MW - 10	10/06/15	3391.26	48.34	48.44	0.10	3,342.91
MW - 10	10/09/15	3391.26	48.50	48.58	0.08	3,342.75
MW - 10	10/13/15	3391.26	48.46	48.57	0.11	3,342.78
MW - 10	10/15/15	3391.26	48.72	48.83	0.11	3,342.52
MW - 10	10/21/15	3391.26	48.37	48.48	0.11	3,342.87
MW - 10	10/26/15	3391.26	48.36	48.49	0.13	3,342.88

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	11/09/15	3391.26	48.50	48.52	0.02	3,342.76
MW - 10	11/20/15	3391.26	48.32	48.33	0.01	3,342.94
MW - 10	11/25/15	3391.26	-	48.57	0.00	3,342.69
MW - 10	12/01/15	3391.26	-	48.52	0.00	3,342.74
MW - 10	12/09/15	3391.26	-	48.55	0.00	3,342.71
MW - 10	12/11/15	3391.26	48.21	48.33	0.12	3,343.03
MW - 10	12/15/15	3391.26	-	47.43	0.00	3,343.83
MW - 10	01/06/16	3391.26	-	48.24	0.00	3,343.02
MW - 10	01/11/16	3391.26	48.33	48.34	0.01	3,342.93
MW - 10	01/13/16	3391.26	-	48.20	0.00	3,343.06
MW - 10	01/28/16	3391.26	48.10	48.12	0.02	3,343.16
MW - 10	02/03/16	3391.26	47.94	47.95	0.01	3,343.32
MW - 10	02/10/16	3391.26	47.96	47.97	0.01	3,343.30
MW - 10	02/15/16	3391.26	47.79	47.80	0.01	3,343.47
MW - 10	02/17/16	3391.26	47.87	47.88	0.01	3,343.39
MW - 10	02/23/16	3391.26	47.81	47.82	0.01	3,343.45
MW - 10	03/08/16	3391.26	47.79	47.80	0.01	3,343.47
MW - 10	03/16/16	3391.26	47.74	47.75	0.01	3,343.52
MW - 10	03/18/16	3391.26	-	47.86	0.00	3,343.40
MW - 10	03/23/16	3391.26	47.69	47.70	0.01	3,343.57
MW - 10	03/29/16	3391.26	47.67	47.70	0.03	3,343.59
MW - 10	04/04/16	3391.26	47.90	47.91	0.01	3,343.36
MW - 10	04/08/16	3391.26	47.70	47.78	0.08	3,343.55
MW - 10	04/12/16	3391.26	47.75	47.76	0.01	3,343.51
MW - 10	05/03/16	3391.26	47.93	47.94	0.01	3,343.33
MW - 10	05/12/16	3391.26	-	47.73	0.00	3,343.53
MW - 10	05/26/16	3391.26	47.61	47.69	0.08	3,343.64
MW - 10	06/09/16	3391.26	47.78	47.95	0.17	3,343.45
MW - 10	07/01/16	3391.26	47.79	47.86	0.07	3,343.46
MW - 10	07/20/16	3391.26	-	47.97	0.00	3,343.29
MW - 10	07/28/16	3391.26	47.90	47.91	0.01	3,343.36
MW - 10	08/04/16	3391.26	-	47.77	0.00	3,343.49
MW - 10	08/10/16	3391.26	47.84	47.86	0.02	3,343.42
MW - 10	08/16/16	3391.26	47.89	47.91	0.02	3,343.37
MW - 10	08/23/16	3391.26	47.89	47.90	0.01	3,343.37
MW - 10	09/12/16	3391.26	47.82	48.02	0.20	3,343.41
MW - 10	09/23/16	3391.26	47.81	48.01	0.20	3,343.42
MW - 10	09/28/16	3391.26	47.82	48.13	0.31	3,343.39
MW - 10	10/12/16	3391.26	47.77	47.97	0.20	3,343.46
MW - 10	10/17/16	3391.26	47.66	47.94	0.28	3,343.56
MW - 10	11/02/16	3391.26	47.71	48.00	0.29	3,343.51
MW - 10	11/09/16	3391.26	47.71	48.01	0.30	3,343.51
MW - 10	11/29/16	3391.26	47.72	47.84	0.12	3,343.52
MW - 10	12/16/16	3391.26	47.60	47.61	0.01	3,343.66

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	01/26/17	3391.26	47.49	47.50	0.01	3,343.77
MW - 10	02/27/17	3391.26	47.41	47.51	0.10	3,343.84
MW - 10	03/30/17	3391.26	47.36	47.43	0.07	3,343.89
MW - 10	04/04/17	3391.26	47.34	47.41	0.07	3,343.91
MW - 10	04/21/17	3391.26	47.23	47.26	0.03	3,344.03
MW - 10	05/18/17	3391.26	47.27	47.30	0.03	3,343.99
MW - 10	07/20/17	3391.26	47.20	47.25	0.05	3,344.05
MW - 10	08/29/17	3391.26	47.10	47.12	0.02	3,344.16
MW - 10	10/13/17	3391.26	47.06	47.09	0.03	3,344.20
MW - 10	10/20/17	3391.26	47.06	47.09	0.03	3,344.20
MW - 10	11/07/17	3391.26	47.08	47.10	0.02	3,344.18
MW - 10	01/31/18	3391.26	-	46.86	0.00	3,344.40
MW - 10	02/22/18	3391.26	46.86	46.91	0.05	3,344.39
MW - 10	03/15/18	3391.26	46.80	46.84	0.04	3,344.45
MW - 10	03/23/18	3391.26	46.83	46.88	0.05	3,344.42
MW - 10	04/11/18	3391.26	-	46.81	0.00	3,344.45
MW - 10	04/20/18	3391.26	-	46.81	0.00	3,344.45
MW - 10	05/23/18	3391.26	-	46.78	0.00	3,344.48
MW - 10	06/27/18	3391.26	46.88	46.90	0.02	3,344.38
MW - 10	07/31/18	3391.26	47.04	47.05	0.01	3,344.22
MW - 10	08/14/18	3391.26	-	46.98	0.00	3,344.28
MW - 10	08/29/18	3391.26	47.08	47.10	0.02	3,344.18
MW - 10	09/07/18	3391.26	47.09	47.10	0.01	3,344.17
MW - 10	09/19/18	3391.26	47.05	47.08	0.03	3,344.21
MW - 10	09/28/18	3391.26	-	47.17	0.00	3,344.09
MW - 10	10/04/18	3391.26	-	47.29	0.00	3,343.97
MW - 10	10/17/18	3391.26	-	47.17	0.00	3,344.09
MW - 10	11/09/18	3391.26	-	47.22	0.00	3,344.04
MW - 10	11/15/18	3391.26	-	47.11	0.00	3,344.15
MW - 10	11/29/18	3391.26	-	46.96	0.00	3,344.30
MW - 10	12/03/18	3391.26	-	47.09	0.00	3,344.17
MW - 10	12/13/18	3391.26	-	47.08	0.00	3,344.18
MW - 10	12/21/18	3391.26	-	47.05	0.00	3,344.21
MW - 10	12/28/18	3391.26	-	47.03	0.00	3,344.23
MW - 10	01/03/19	3391.26	-	47.02	0.00	3,344.24
MW - 10	01/07/19	3391.26	-	46.93	0.00	3,344.33
MW - 10	01/16/19	3391.26	-	46.88	0.00	3,344.38
MW - 10	01/21/19	3391.26	-	46.78	0.00	3,344.48
MW - 10	01/28/19	3391.26	-	46.95	0.00	3,344.31
MW - 10	02/08/19	3391.26	-	47.10	0.00	3,344.16
MW - 10	02/13/19	3391.26	-	46.91	0.00	3,344.35
MW - 10	02/19/19	3391.26	-	46.80	0.00	3,344.46
MW - 10	03/01/19	3391.26	-	46.86	0.00	3,344.40
MW - 10	03/05/19	3391.26	-	46.89	0.00	3,344.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	03/20/19	3391.26	-	46.94	0.00	3,344.32
MW - 10	03/27/19	3391.26	-	46.92	0.00	3,344.34
MW - 10	04/04/19	3391.26	-	46.85	0.00	3,344.41
MW - 10	04/09/19	3391.26	-	46.78	0.00	3,344.48
MW - 10	04/16/19	3391.26	-	46.79	0.00	3,344.47
MW - 10	04/23/19	3391.26	-	46.84	0.00	3,344.42
MW - 10	05/03/19	3391.26	-	46.73	0.00	3,344.53
MW - 10	05/10/19	3391.26	-	46.83	0.00	3,344.43
MW - 10	05/23/19	3391.26	-	46.70	0.00	3,344.56
MW - 10	06/11/19	3391.26	-	46.69	0.00	3,344.57
MW - 10	06/20/19	3391.26	-	46.66	0.00	3,344.60
MW - 10	06/25/19	3391.26	-	46.69	0.00	3,344.57
MW - 10	07/03/19	3391.26	-	46.67	0.00	3,344.59
MW - 10	07/15/19	3391.26	-	47.64	0.00	3,343.62
MW - 10	07/31/19	3391.26	-	46.66	0.00	3,344.60
MW - 10	08/07/19	3391.26	-	46.65	0.00	3,344.61
MW - 10	08/15/19	3391.26	-	46.64	0.00	3,344.62
MW - 10	08/23/19	3391.26	-	46.62	0.00	3,344.64
MW - 10	09/06/19	3391.26	-	46.62	0.00	3,344.64
MW - 10	09/10/19	3391.26	-	46.61	0.00	3,344.65
MW - 10	09/18/19	3391.26	-	46.59	0.00	3,344.67
MW - 10	10/18/19	3391.26	-	46.48	0.00	3,344.78
MW - 10	11/01/19	3391.26	-	46.55	0.00	3,344.71
MW - 10	11/13/19	3391.26	-	46.40	0.00	3,344.86
MW - 10	11/25/19	3391.26	-	46.44	0.00	3,344.82
MW - 10	12/05/19	3391.26	-	46.49	0.00	3,344.77
MW - 10	12/12/19	3391.26	-	46.42	0.00	3,344.84
MW - 10	12/19/19	3391.26	-	46.45	0.00	3,344.81
MW - 10	01/16/20	3391.26	-	46.47	0.00	3,344.79
MW - 10	01/24/20	3391.26	-	46.43	0.00	3,344.83
MW - 10	02/06/20	3391.26	-	46.36	0.00	3,344.90
MW - 10	02/14/20	3391.26	-	46.42	0.00	3,344.84
MW - 10	02/21/20	3391.26	-	46.45	0.00	3,344.81
MW - 10	02/25/20	3391.26	-	46.43	0.00	3,344.83
MW - 10	05/28/20	3391.26	-	46.33	0.00	3,344.93
MW - 10	06/15/20	3391.26	-	46.27	0.00	3,344.99
MW - 10	07/02/20	3391.26	-	46.34	0.00	3,344.92
MW - 10	07/29/20	3391.26	-	46.44	0.00	3,344.82
MW - 10	08/20/20	3391.26	-	46.50	0.00	3,344.76
MW - 10	08/27/20	3391.26	-	46.52	0.00	3,344.74
MW - 10	09/10/20	3391.26	-	46.62	0.00	3,344.64
MW - 10	10/21/20	3391.26	-	46.54	0.00	3,344.72
MW - 10	11/02/20	3391.26	-	46.54	0.00	3,344.72
MW - 10	12/01/20	3391.26	-	46.36	0.00	3,344.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	12/07/20	3391.26	-	46.45	0.00	3,344.81
MW - 10	01/06/21	3391.26	-	46.38	0.00	3,344.88
MW - 10	02/04/21	3391.26	-	46.41	0.00	3,344.85
MW - 10	02/12/21	3391.26	-	46.42	0.00	3,344.84
MW - 10	03/31/21	3391.26	-	46.33	0.00	3,344.93
MW - 10	04/13/21	3391.26	-	46.22	0.00	3,345.04
MW - 10	04/26/21	3391.26	-	46.13	0.00	3,345.13
MW - 10	05/11/21	3391.26	-	46.17	0.00	3,345.09
MW - 10	06/17/21	3391.26	-	46.19	0.00	3,345.07
MW - 10	07/12/21	3391.26	-	46.32	0.00	3,344.94
MW - 10	07/28/21	3391.26	-	46.39	0.00	3,344.87
MW - 10	08/10/21	3391.26	-	46.44	0.00	3,344.82
MW - 10	07/28/21	3391.26	-	46.39	0.00	3,344.87
MW - 10	08/19/21	3391.26	-	46.45	0.00	3,344.81
MW - 10	09/14/21	3391.26	-	46.52	0.00	3,344.74
MW - 10	09/24/21	3391.26	-	46.57	0.00	3,344.69
MW - 10	10/18/21	3391.26	-	46.60	0.00	3,344.66
MW - 10	10/25/21	3391.26	-	46.64	0.00	3,344.62
MW - 10	11/04/21	3391.26	-	46.75	0.00	3,344.51
MW - 10	11/30/21	3391.26	-	46.73	0.00	3,344.53
MW - 10	12/27/21	3391.26	-	46.61	0.00	3,344.65
MW - 11	12/04/04	3390.73	-	47.14	0.00	3,343.59
MW - 11	12/10/04	3390.73	-	46.84	0.00	3,343.89
MW - 11	03/07/05	3390.73	-	46.95	0.00	3,343.78
MW - 11	06/07/05	3390.73	-	46.62	0.00	3,344.11
MW - 11	09/07/05	3390.73	46.65	46.66	0.01	3,344.08
MW - 11	09/26/05	3390.73	sheen	46.78	0.00	3,343.95
MW - 11	12/14/05	3390.73	-	46.00	0.00	3,344.73
MW - 11	03/06/06	3390.73	-	45.83	0.00	3,344.90
MW - 11	04/13/06	3390.73	-	45.72	0.00	3,345.01
MW - 11	06/05/06	3390.73	-	45.01	0.00	3,345.72
MW - 11	09/11/06	3390.73	-	46.07	0.00	3,344.66
MW - 11	11/21/06	3390.73	-	46.08	0.00	3,344.65
MW - 11	02/20/07	3390.73	-	45.93	0.00	3,344.80
MW - 11	05/15/07	3390.73	-	46.11	0.00	3,344.62
MW - 11	08/09/07	3390.73	-	45.82	0.00	3,344.91
MW - 11	11/13/07	3390.73	-	46.06	0.00	3,344.67
MW - 11	02/14/08	3390.73	-	46.23	0.00	3,344.50
MW - 11	05/16/08	3390.73	-	45.71	0.00	3,345.02
MW - 11	08/19/08	3390.73	-	46.24	0.00	3,344.49
MW - 11	11/20/08	3390.73	-	46.28	0.00	3,344.45
MW - 11	02/18/09	3390.73	-	45.46	0.00	3,345.27
MW - 11	05/19/09	3390.73	-	46.34	0.00	3,344.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	08/13/09	3390.73	-	46.54	0.00	3,344.19
MW - 11	11/11/09	3390.73	-	46.58	0.00	3,344.15
MW - 11	01/12/10	3390.73	-	46.56	0.00	3,344.17
MW - 11	02/04/10	3390.73	-	46.69	0.00	3,344.04
MW - 11	05/07/10	3390.73	-	46.66	0.00	3,344.07
MW - 11	08/06/10	3390.73	-	46.66	0.00	3,344.07
MW - 11	11/05/10	3390.73	-	46.67	0.00	3,344.06
MW - 11	02/11/11	3390.73	-	46.75	0.00	3,343.98
MW - 11	05/09/11	3390.73	-	46.75	0.00	3,343.98
MW - 11	08/05/11	3390.73	-	46.73	0.00	3,344.00
MW - 11	11/17/11	3390.73	-	47.98	0.00	3,342.75
MW - 11	02/28/12	3390.73	-	47.69	0.00	3,343.04
MW - 11	05/03/12	3390.73	-	47.70	0.00	3,343.03
MW - 11	08/24/12	3390.73	-	48.01	0.00	3,342.72
MW - 11	11/15/12	3390.73	-	47.91	0.00	3,342.82
MW - 11	02/14/13	3390.73	-	47.75	0.00	3,342.98
MW - 11	05/28/13	3390.73	-	47.73	0.00	3,343.00
MW - 11	08/06/13	3390.73	-	48.09	0.00	3,342.64
MW - 11	11/07/13	3390.73	-	48.41	0.00	3,342.32
MW - 11	03/05/14	3390.73	-	48.40	0.00	3,342.33
MW - 11	05/29/14	3390.73	-	48.42	0.00	3,342.31
MW - 11	07/23/14	3390.73	-	48.68	0.00	3,342.05
MW - 11	08/12/14	3390.73	-	48.73	0.00	3,342.00
MW - 11	10/28/14	3390.73	-	48.51	0.00	3,342.22
MW - 11	11/15/14	3390.73	-	48.38	0.00	3,342.35
MW - 11	02/16/15	3390.73	-	48.02	0.00	3,342.71
MW - 11	03/18/15	3390.73	-	47.89	0.00	3,342.84
MW - 11	04/08/15	3390.73	-	47.77	0.00	3,342.96
MW - 11	05/28/15	3390.73	-	47.53	0.00	3,343.20
MW - 11	07/09/15	3390.73	-	47.53	0.00	3,343.20
MW - 11	08/26/15	3390.73	-	47.72	0.00	3,343.01
MW - 11	09/11/15	3390.73	-	47.82	0.00	3,342.91
MW - 11	09/25/15	3390.73	-	47.92	0.00	3,342.81
MW - 11	10/09/15	3390.73	-	47.97	0.00	3,342.76
MW - 11	10/15/15	3390.73	-	47.91	0.00	3,342.82
MW - 11	11/20/15	3390.73	-	47.88	0.00	3,342.85
MW - 11	12/11/15	3390.73	-	47.72	0.00	3,343.01
MW - 11	01/13/16	3390.73	-	47.52	0.00	3,343.21
MW - 11	02/17/16	3390.73	-	47.32	0.00	3,343.41
MW - 11	03/18/16	3390.73	-	47.26	0.00	3,343.47
MW - 11	04/08/16	3390.73	-	47.22	0.00	3,343.51
MW - 11	04/12/16	3390.73	-	47.28	0.00	3,343.45
MW - 11	05/03/16	3390.73	-	47.18	0.00	3,343.55
MW - 11	05/26/16	3390.73	-	47.16	0.00	3,343.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	06/09/16	3390.73	-	47.25	0.00	3,343.48
MW - 11	07/01/16	3390.73	-	47.23	0.00	3,343.50
MW - 11	07/20/16	3390.73	-	47.33	0.00	3,343.40
MW - 11	08/04/16	3390.73	-	47.34	0.00	3,343.39
MW - 11	09/28/16	3390.73	-	47.42	0.00	3,343.31
MW - 11	11/29/16	3390.73	-	47.14	0.00	3,343.59
MW - 11	12/16/16	3390.73	-	47.04	0.00	3,343.69
MW - 11	01/26/17	3390.73	-	47.02	0.00	3,343.71
MW - 11	02/27/17	3390.73	-	46.87	0.00	3,343.86
MW - 11	03/30/17	3390.73	-	46.82	0.00	3,343.91
MW - 11	04/21/17	3390.73	-	47.76	0.00	3,342.97
MW - 11	05/18/17	3390.73	-	46.73	0.00	3,344.00
MW - 11	07/20/17	3390.73	-	46.72	0.00	3,344.01
MW - 11	08/29/17	3390.73	-	46.63	0.00	3,344.10
MW - 11	10/13/17	3390.73	-	47.53	0.00	3,343.20
MW - 11	10/20/17	3390.73	-	47.53	0.00	3,343.20
MW - 11	11/07/17	3390.73	-	46.54	0.00	3,344.19
MW - 11	01/31/18	3390.73	-	46.35	0.00	3,344.38
MW - 11	02/22/18	3390.73	-	46.41	0.00	3,344.32
MW - 11	03/15/18	3390.73	-	46.36	0.00	3,344.37
MW - 11	04/20/18	3390.73	-	46.36	0.00	3,344.37
MW - 11	05/23/18	3390.73	-	46.36	0.00	3,344.37
MW - 11	06/27/18	3390.73	-	46.46	0.00	3,344.27
MW - 11	07/31/18	3390.73	-	46.59	0.00	3,344.14
MW - 11	08/29/18	3390.73	-	46.65	0.00	3,344.08
MW - 11	09/28/18	3390.73	-	46.65	0.00	3,344.08
MW - 11	11/29/18	3390.73	-	46.50	0.00	3,344.23
MW - 11	12/13/18	3390.73	-	46.54	0.00	3,344.19
MW - 11	01/03/19	3390.73	-	46.44	0.00	3,344.29
MW - 11	03/05/19	3390.73	-	46.43	0.00	3,344.30
MW - 11	03/20/19	3390.73	-	46.38	0.00	3,344.35
MW - 11	04/04/19	3390.73	-	46.31	0.00	3,344.42
MW - 11	06/11/19	3390.73	-	46.24	0.00	3,344.49
MW - 11	07/15/19	3390.73	-	46.19	0.00	3,344.54
MW - 11	08/15/19	3390.73	-	46.18	0.00	3,344.55
MW - 11	11/25/19	3390.73	-	45.94	0.00	3,344.79
MW - 11	12/12/19	3390.73	-	45.98	0.00	3,344.75
MW - 11	01/24/20	3390.73	-	45.96	0.00	3,344.77
MW - 11	02/25/20	3390.73	-	46.00	0.00	3,344.73
MW - 11	05/28/20	3390.73	-	45.85	0.00	3,344.88
MW - 11	06/15/20	3390.73	-	45.85	0.00	3,344.88
MW - 11	08/27/20	3390.73	-	45.99	0.00	3,344.74
MW - 11	09/10/20	3390.73	-	46.10	0.00	3,344.63

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	10/21/20	3390.73	-	46.07	0.00	3,344.66
MW - 11	12/01/20	3390.73	-	45.94	0.00	3,344.79
MW - 11	*01/06/21*	3390.73	-	45.99	0.00	3,344.74
MW - 11	*02/04/21*	3390.73	-	45.98	0.00	3,344.75
MW - 11	*04/26/21*	3390.73	-	45.69	0.00	3,345.04
MW - 11	*06/16/21*	3390.73	-	45.78	0.00	3,344.95
MW - 11	*07/28/21*	3390.73	-	45.96	0.00	3,344.77
MW - 11	*08/19/21*	3390.73	-	46.03	0.00	3,344.70
MW - 11	*09/24/21*	3390.73	-	46.13	0.00	3,344.60
MW - 11	*10/18/21*	3390.73	-	46.17	0.00	3,344.56
MW - 11	*11/30/21*	3390.73	-	46.19	0.00	3,344.54
MW - 12	03/05/14	3391.57	-	49.06	0.00	3,342.51
MW - 12	04/17/14	3391.57	-	49.06	0.00	3,342.51
MW - 12	04/25/14	3391.57	-	48.97	0.00	3,342.60
MW - 12	05/01/14	3391.57	-	48.98	0.00	3,342.59
MW - 12	05/08/14	3391.57	-	48.97	0.00	3,342.60
MW - 12	05/14/14	3391.57	-	48.96	0.00	3,342.61
MW - 12	05/23/14	3391.57	-	49.09	0.00	3,342.48
MW - 12	05/27/14	3391.57	-	49.04	0.00	3,342.53
MW - 12	05/29/14	3391.57	-	49.03	0.00	3,342.54
MW - 12	06/11/14	3391.57	-	49.09	0.00	3,342.48
MW - 12	06/05/14	3391.57	-	49.08	0.00	3,342.49
MW - 12	06/18/14	3391.57	-	49.02	0.00	3,342.55
MW - 12	06/26/14	3391.57	-	49.16	0.00	3,342.41
MW - 12	07/01/14	3391.57	-	49.23	0.00	3,342.34
MW - 12	07/10/14	3391.57	-	49.28	0.00	3,342.29
MW - 12	07/17/14	3391.57	-	49.29	0.00	3,342.28
MW - 12	07/23/14	3391.57	-	49.32	0.00	3,342.25
MW - 12	07/31/14	3391.57	-	49.38	0.00	3,342.19
MW - 12	08/06/14	3391.57	-	49.34	0.00	3,342.23
MW - 12	08/12/14	3391.57	-	49.38	0.00	3,342.19
MW - 12	08/21/14	3391.57	-	49.38	0.00	3,342.19
MW - 12	09/04/14	3391.57	-	49.39	0.00	3,342.18
MW - 12	10/02/14	3391.57	-	49.31	0.00	3,342.26
MW - 12	10/08/14	3391.57	-	49.23	0.00	3,342.34
MW - 12	10/14/14	3391.57	-	49.25	0.00	3,342.32
MW - 12	10/17/14	3391.57	-	49.22	0.00	3,342.35
MW - 12	10/23/14	3391.57	-	49.20	0.00	3,342.37
MW - 12	10/28/14	3391.57	-	49.17	0.00	3,342.40
MW - 12	11/07/14	3391.57	-	49.04	0.00	3,342.53
MW - 12	11/14/14	3391.57	-	49.10	0.00	3,342.47
MW - 12	11/15/14	3391.57	-	49.06	0.00	3,342.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	12/04/14	3391.57	-	48.97	0.00	3,342.60
MW - 12	12/11/14	3391.57	-	48.95	0.00	3,342.62
MW - 12	12/18/14	3391.57	-	48.95	0.00	3,342.62
MW - 12	12/23/14	3391.57	-	48.93	0.00	3,342.64
MW - 12	01/07/15	3391.57	-	48.99	0.00	3,342.58
MW - 12	01/15/15	3391.57	-	48.85	0.00	3,342.72
MW - 12	01/28/15	3391.57	-	48.73	0.00	3,342.84
MW - 12	02/04/15	3391.57	-	48.70	0.00	3,342.87
MW - 12	02/13/15	3391.57	-	48.72	0.00	3,342.85
MW - 12	02/16/15	3391.57	-	48.71	0.00	3,342.86
MW - 12	02/17/15	3391.57	-	48.75	0.00	3,342.82
MW - 12	02/24/15	3391.57	-	48.68	0.00	3,342.89
MW - 12	03/10/15	3391.57	-	48.62	0.00	3,342.95
MW - 12	03/17/15	3391.57	-	48.61	0.00	3,342.96
MW - 12	03/18/15	3391.57	-	48.57	0.00	3,343.00
MW - 12	03/25/15	3391.57	-	48.54	0.00	3,343.03
MW - 12	04/07/15	3391.57	-	48.54	0.00	3,343.03
MW - 12	04/08/15	3391.57	-	48.44	0.00	3,343.13
MW - 12	04/21/15	3391.57	-	48.45	0.00	3,343.12
MW - 12	04/28/15	3391.57	-	48.91	0.00	3,342.66
MW - 12	05/06/15	3391.57	-	48.33	0.00	3,343.24
MW - 12	05/20/15	3391.57	-	48.32	0.00	3,343.25
MW - 12	05/28/15	3391.57	-	48.21	0.00	3,343.36
MW - 12	06/09/15	3391.57	-	48.21	0.00	3,343.36
MW - 12	06/18/15	3391.57	-	48.21	0.00	3,343.36
MW - 12	06/30/15	3391.57	-	48.29	0.00	3,343.28
MW - 12	07/06/15	3391.57	-	48.25	0.00	3,343.32
MW - 12	07/09/15	3391.57	-	48.26	0.00	3,343.31
MW - 12	07/28/15	3391.57	-	48.26	0.00	3,343.31
MW - 12	08/06/15	3391.57	-	48.91	0.00	3,342.66
MW - 12	08/26/15	3391.57	-	48.41	0.00	3,343.16
MW - 12	09/09/15	3391.57	-	48.53	0.00	3,343.04
MW - 12	09/11/15	3391.57	-	48.53	0.00	3,343.04
MW - 12	09/17/15	3391.57	-	48.53	0.00	3,343.04
MW - 12	09/25/15	3391.57	-	48.60	0.00	3,342.97
MW - 12	09/30/15	3391.57	-	48.51	0.00	3,343.06
MW - 12	10/09/15	3391.57	-	48.65	0.00	3,342.92
MW - 12	10/13/15	3391.57	-	48.58	0.00	3,342.99
MW - 12	10/15/15	3391.57	-	48.58	0.00	3,342.99
MW - 12	10/21/15	3391.57	-	48.60	0.00	3,342.97
MW - 12	10/26/15	3391.57	-	48.62	0.00	3,342.95
MW - 12	11/09/15	3391.57	-	48.61	0.00	3,342.96
MW - 12	11/20/15	3391.57	-	48.54	0.00	3,343.03

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	11/25/15	3391.57	-	48.52	0.00	3,343.05
MW - 12	12/01/15	3391.57	-	48.52	0.00	3,343.05
MW - 12	12/09/15	3391.57	-	48.53	0.00	3,343.04
MW - 12	12/11/15	3391.57	-	48.40	0.00	3,343.17
MW - 12	12/15/15	3391.57	-	48.35	0.00	3,343.22
MW - 12	01/06/16	3391.57	-	48.29	0.00	3,343.28
MW - 12	01/11/16	3391.57	-	48.28	0.00	3,343.29
MW - 12	01/13/16	3391.57	-	48.08	0.00	3,343.49
MW - 12	01/28/16	3391.57	-	48.17	0.00	3,343.40
MW - 12	02/03/16	3391.57	-	48.17	0.00	3,343.40
MW - 12	02/10/16	3391.57	-	48.08	0.00	3,343.49
MW - 12	02/15/16	3391.57	-	48.04	0.00	3,343.53
MW - 12	02/17/16	3391.57	-	48.01	0.00	3,343.56
MW - 12	02/23/16	3391.57	-	48.07	0.00	3,343.50
MW - 12	03/08/16	3391.57	-	47.92	0.00	3,343.65
MW - 12	03/16/16	3391.57	-	47.90	0.00	3,343.67
MW - 12	03/18/16	3391.57	-	47.99	0.00	3,343.58
MW - 12	03/23/16	3391.57	-	47.88	0.00	3,343.69
MW - 12	03/29/16	3391.57	-	47.86	0.00	3,343.71
MW - 12	04/04/16	3391.57	-	47.94	0.00	3,343.63
MW - 12	04/08/16	3391.57	-	47.91	0.00	3,343.66
MW - 12	04/12/16	3391.57	-	47.96	0.00	3,343.61
MW - 12	04/21/16	3391.57	-	47.96	0.00	3,343.61
MW - 12	05/03/16	3391.57	-	48.18	0.00	3,343.39
MW - 12	05/12/16	3391.57	-	47.95	0.00	3,343.62
MW - 12	05/26/16	3391.57	-	47.84	0.00	3,343.73
MW - 12	06/09/16	3391.57	-	47.96	0.00	3,343.61
MW - 12	07/01/16	3391.57	-	47.94	0.00	3,343.63
MW - 12	07/20/16	3391.57	-	48.05	0.00	3,343.52
MW - 12	07/28/16	3391.57	-	47.99	0.00	3,343.58
MW - 12	08/04/16	3391.57	-	48.03	0.00	3,343.54
MW - 12	08/10/16	3391.57	-	48.02	0.00	3,343.55
MW - 12	08/16/16	3391.57	-	48.07	0.00	3,343.50
MW - 12	08/23/16	3391.57	-	48.06	0.00	3,343.51
MW - 12	09/12/16	3391.57	-	48.09	0.00	3,343.48
MW - 12	09/23/16	3391.57	-	48.10	0.00	3,343.47
MW - 12	09/28/16	3391.57	-	48.10	0.00	3,343.47
MW - 12	10/12/16	3391.57	-	48.06	0.00	3,343.51
MW - 12	10/17/16	3391.57	-	47.97	0.00	3,343.60
MW - 12	11/02/16	3391.57	-	48.01	0.00	3,343.56
MW - 12	11/09/16	3391.57	-	48.02	0.00	3,343.55
MW - 12	11/29/16	3391.57	-	47.82	0.00	3,343.75
MW - 12	12/16/16	3391.57	-	47.71	0.00	3,343.86

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	12/21/16	3391.57	-	47.80	0.00	3,343.77
MW - 12	01/06/17	3391.57	-	47.75	0.00	3,343.82
MW - 12	01/13/17	3391.57	-	47.69	0.00	3,343.88
MW - 12	01/20/17	3391.57	-	47.63	0.00	3,343.94
MW - 12	01/26/17	3391.57	-	47.73	0.00	3,343.84
MW - 12	02/03/17	3391.57	-	47.69	0.00	3,343.88
MW - 12	02/07/17	3391.57	-	47.68	0.00	3,343.89
MW - 12	02/16/17	3391.57	-	47.58	0.00	3,343.99
MW - 12	02/20/17	3391.57	-	47.65	0.00	3,343.92
MW - 12	02/27/17	3391.57	-	47.56	0.00	3,344.01
MW - 12	03/14/17	3391.57	-	47.55	0.00	3,344.02
MW - 12	03/21/17	3391.57	-	47.55	0.00	3,344.02
MW - 12	03/30/17	3391.57	-	47.51	0.00	3,344.06
MW - 12	04/04/17	3391.57	-	47.49	0.00	3,344.08
MW - 12	04/10/17	3391.57	-	47.51	0.00	3,344.06
MW - 12	04/21/17	3391.57	-	47.46	0.00	3,344.11
MW - 12	04/25/17	3391.57	-	47.40	0.00	3,344.17
MW - 12	05/01/17	3391.57	-	47.47	0.00	3,344.10
MW - 12	05/09/17	3391.57	-	47.46	0.00	3,344.11
MW - 12	05/15/17	3391.57	-	47.43	0.00	3,344.14
MW - 12	05/18/17	3391.57	-	47.43	0.00	3,344.14
MW - 12	05/22/17	3391.57	-	47.42	0.00	3,344.15
MW - 12	06/05/17	3391.57	-	47.43	0.00	3,344.14
MW - 12	06/14/17	3391.57	-	47.42	0.00	3,344.15
MW - 12	06/20/17	3391.57	-	47.42	0.00	3,344.15
MW - 12	06/27/17	3391.57	-	47.36	0.00	3,344.21
MW - 12	07/03/17	3391.57	-	47.39	0.00	3,344.18
MW - 12	07/11/17	3391.57	-	47.37	0.00	3,344.20
MW - 12	07/20/17	3391.57	-	47.41	0.00	3,344.16
MW - 12	07/24/17	3391.57	-	47.41	0.00	3,344.16
MW - 12	08/03/17	3391.57	-	47.40	0.00	3,344.17
MW - 12	08/08/17	3391.57	-	47.38	0.00	3,344.19
MW - 12	08/17/17	3391.57	-	47.38	0.00	3,344.19
MW - 12	08/21/17	3391.57	-	47.37	0.00	3,344.20
MW - 12	08/29/17	3391.57	-	47.33	0.00	3,344.24
MW - 12	09/05/17	3391.57	-	47.33	0.00	3,344.24
MW - 12	09/12/17	3391.57	-	47.26	0.00	3,344.31
MW - 12	09/18/17	3391.57	-	47.27	0.00	3,344.30
MW - 12	10/06/17	3391.57	-	47.25	0.00	3,344.32
MW - 12	10/13/17	3391.57	-	47.23	0.00	3,344.34
MW - 12	10/18/17	3391.57	-	47.23	0.00	3,344.34
MW - 12	10/20/17	3391.57	-	47.23	0.00	3,344.34
MW - 12	10/26/17	3391.57	-	47.19	0.00	3,344.38

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	10/31/17	3391.57	-	47.18	0.00	3,344.39
MW - 12	11/07/17	3391.57	-	47.24	0.00	3,344.33
MW - 12	11/17/17	3391.57	-	47.16	0.00	3,344.41
MW - 12	12/01/17	3391.57	-	47.16	0.00	3,344.41
MW - 12	12/07/17	3391.57	-	47.19	0.00	3,344.38
MW - 12	12/12/17	3391.57	-	47.23	0.00	3,344.34
MW - 12	12/18/17	3391.57	-	47.14	0.00	3,344.43
MW - 12	01/05/18	3391.57	-	47.15	0.00	3,344.42
MW - 12	01/19/18	3391.57	-	47.12	0.00	3,344.45
MW - 12	01/23/18	3391.57	-	47.13	0.00	3,344.44
MW - 12	01/31/18	3391.57	-	47.04	0.00	3,344.53
MW - 12	02/09/18	3391.57	-	47.07	0.00	3,344.50
MW - 12	02/16/18	3391.57	-	47.17	0.00	3,344.40
MW - 12	02/22/18	3391.57	-	47.09	0.00	3,344.48
MW - 12	03/01/18	3391.57	-	47.17	0.00	3,344.40
MW - 12	03/15/18	3391.57	-	47.05	0.00	3,344.52
MW - 12	03/23/18	3391.57	-	47.08	0.00	3,344.49
MW - 12	03/30/18	3391.57	-	47.09	0.00	3,344.48
MW - 12	04/04/18	3391.57	-	47.16	0.00	3,344.41
MW - 12	04/11/18	3391.57	-	47.03	0.00	3,344.54
MW - 12	04/20/18	3391.57	-	47.05	0.00	3,344.52
MW - 12	04/25/18	3391.57	-	47.08	0.00	3,344.49
MW - 12	05/02/18	3391.57	-	47.01	0.00	3,344.56
MW - 12	05/23/18	3391.57	-	47.05	0.00	3,344.52
MW - 12	05/31/18	3391.57	-	47.05	0.00	3,344.52
MW - 12	06/15/18	3391.57	-	47.09	0.00	3,344.48
MW - 12	06/20/18	3391.57	-	47.10	0.00	3,344.47
MW - 12	06/27/18	3391.57	-	47.15	0.00	3,344.42
MW - 12	07/05/18	3391.57	-	47.19	0.00	3,344.38
MW - 12	07/09/18	3391.57	-	47.21	0.00	3,344.36
MW - 12	07/26/18	3391.57	-	47.22	0.00	3,344.35
MW - 12	07/31/18	3391.57	-	47.29	0.00	3,344.28
MW - 12	08/29/18	3391.57	-	47.34	0.00	3,344.23
MW - 12	09/19/18	3391.57	-	47.31	0.00	3,344.26
MW - 12	09/28/18	3391.57	-	47.32	0.00	3,344.25
MW - 12	10/17/18	3391.57	-	47.43	0.00	3,344.14
MW - 12	11/29/18	3391.57	-	47.22	0.00	3,344.35
MW - 12	12/03/18	3391.57	-	47.25	0.00	3,344.32
MW - 12	12/13/18	3391.57	-	47.24	0.00	3,344.33
MW - 12	12/21/18	3391.57	-	47.11	0.00	3,344.46
MW - 12	12/28/18	3391.57	-	47.18	0.00	3,344.39
MW - 12	01/03/19	3391.57	-	47.13	0.00	3,344.44
MW - 12	01/07/19	3391.57	-	47.13	0.00	3,344.44

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	01/16/19	3391.57	-	47.09	0.00	3,344.48
MW - 12	01/21/19	3391.57	-	47.03	0.00	3,344.54
MW - 12	01/28/19	3391.57	-	47.13	0.00	3,344.44
MW - 12	02/19/19	3391.57	-	47.02	0.00	3,344.55
MW - 12	03/01/19	3391.57	-	47.03	0.00	3,344.54
MW - 12	03/05/19	3391.57	-	47.12	0.00	3,344.45
MW - 12	03/20/19	3391.57	-	47.08	0.00	3,344.49
MW - 12	04/04/19	3391.57	-	47.02	0.00	3,344.55
MW - 12	04/09/19	3391.57	-	46.96	0.00	3,344.61
MW - 12	04/16/19	3391.57	-	46.96	0.00	3,344.61
MW - 12	04/23/19	3391.57	-	46.94	0.00	3,344.63
MW - 12	05/10/19	3391.57	-	46.98	0.00	3,344.59
MW - 12	05/23/19	3391.57	-	46.94	0.00	3,344.63
MW - 12	06/11/19	3391.57	-	46.91	0.00	3,344.66
MW - 12	06/20/19	3391.57	-	46.90	0.00	3,344.67
MW - 12	06/25/19	3391.57	-	46.93	0.00	3,344.64
MW - 12	07/03/19	3391.57	-	46.91	0.00	3,344.66
MW - 12	07/15/19	3391.57	-	46.91	0.00	3,344.66
MW - 12	07/31/19	3391.57	-	46.90	0.00	3,344.67
MW - 12	08/15/19	3391.57	-	46.88	0.00	3,344.69
MW - 12	09/06/19	3391.57	-	46.88	0.00	3,344.69
MW - 12	09/18/19	3391.57	-	46.80	0.00	3,344.77
MW - 12	11/13/19	3391.57	-	46.64	0.00	3,344.93
MW - 12	11/25/19	3391.57	-	46.64	0.00	3,344.93
MW - 12	12/05/19	3391.57	-	46.71	0.00	3,344.86
MW - 12	12/12/19	3391.57	-	46.68	0.00	3,344.89
MW - 12	01/24/20	3391.57	-	46.65	0.00	3,344.92
MW - 12	02/21/20	3391.57	-	46.68	0.00	3,344.89
MW - 12	01/02/00	3391.57	-	46.68	0.00	3,344.89
MW - 12	02/14/20	3391.57	-	46.65	0.00	3,344.92
MW - 12	02/25/20	3391.57	-	46.69	0.00	3,344.88
MW - 12	05/28/20	3391.57	-	46.55	0.00	3,345.02
MW - 12	06/15/20	3391.57	-	46.55	0.00	3,345.02
MW - 12	08/27/20	3391.57	-	46.68	0.00	3,344.89
MW - 12	09/10/20	3391.57	-	46.79	0.00	3,344.78
MW - 12	10/21/20	3391.57	-	46.75	0.00	3,344.82
MW - 12	11/02/20	3391.57	-	46.81	0.00	3,344.76
MW - 12	12/01/20	3391.57	-	46.62	0.00	3,344.95
MW - 12	01/06/21	3391.57	-	46.69	0.00	3,344.88
MW - 12	02/04/21	3391.57	-	46.69	0.00	3,344.88
MW - 12	02/12/21	3391.57	-	46.72	0.00	3,344.85
MW - 12	04/13/21	3391.57	-	46.48	0.00	3,345.09
MW - 12	04/26/21	3391.57	-	46.38	0.00	3,345.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	06/17/21	3391.57	-	46.47	0.00	3,345.10
MW - 12	07/28/21	3391.57	-	46.64	0.00	3,344.93
MW - 12	08/19/21	3391.57	-	46.70	0.00	3,344.87
MW - 12	09/24/21	3391.57	-	46.80	0.00	3,344.77
MW - 12	10/18/21	3391.57	-	46.84	0.00	3,344.73
MW - 12	10/25/21	3391.57	-	46.87	0.00	3,344.70
MW - 12	11/30/21	3391.57	-	46.87	0.00	3,344.70
MW - 13	03/05/14	3391.89	49.21	49.55	0.34	3,342.63
MW - 13	03/13/14	3391.89	49.14	49.69	0.55	3,342.67
MW - 13	03/29/14	3391.89	49.10	49.72	0.62	3,342.70
MW - 13	04/08/14	3391.89	49.16	49.87	0.71	3,342.62
MW - 13	04/17/14	3391.89	49.13	49.94	0.81	3,342.64
MW - 13	04/25/14	3391.89	49.01	49.85	0.84	3,342.75
MW - 13	05/01/14	3391.89	49.17	49.33	0.16	3,342.70
MW - 13	05/08/14	3391.89	49.11	49.25	0.14	3,342.76
MW - 13	05/14/14	3391.89	49.07	49.29	0.22	3,342.79
MW - 13	05/23/14	3391.89	49.19	49.39	0.20	3,342.67
MW - 13	05/27/14	3391.89	49.20	49.25	0.05	3,342.68
MW - 13	05/29/14	3391.89	49.23	49.33	0.10	3,342.65
MW - 13	06/11/14	3391.89	49.22	49.54	0.32	3,342.62
MW - 13	06/05/14	3391.89	49.20	49.46	0.26	3,342.65
MW - 13	06/18/14	3391.89	49.20	49.65	0.45	3,342.62
MW - 13	06/26/14	3391.89	49.22	49.82	0.60	3,342.58
MW - 13	07/01/14	3391.89	49.38	49.60	0.22	3,342.48
MW - 13	07/10/14	3391.89	49.36	49.75	0.39	3,342.47
MW - 13	07/17/14	3391.89	49.35	49.91	0.56	3,342.46
MW - 13	07/23/14	3391.89	49.50	49.75	0.25	3,342.35
MW - 13	07/31/14	3391.89	49.48	49.85	0.37	3,342.35
MW - 13	08/06/14	3391.89	49.47	49.73	0.26	3,342.38
MW - 13	08/12/14	3391.89	49.52	49.80	0.28	3,342.33
MW - 13	08/21/14	3391.89	49.50	49.94	0.44	3,342.32
MW - 13	09/04/14	3391.89	48.49	50.08	1.59	3,343.16
MW - 13	10/02/14	3391.89	49.39	49.98	0.59	3,342.41
MW - 13	10/08/14	3391.89	49.40	49.49	0.09	3,342.48
MW - 13	10/14/14	3391.89	49.42	49.48	0.06	3,342.46
MW - 13	10/17/14	3391.89	49.43	49.49	0.06	3,342.45
MW - 13	10/23/14	3391.89	49.37	49.53	0.16	3,342.50
MW - 13	10/24/14	3391.89	49.37	49.53	0.16	3,342.50
MW - 13	10/28/14	3391.89	49.36	49.44	0.08	3,342.52
MW - 13	11/07/14	3391.89	49.26	49.60	0.34	3,342.58
MW - 13	11/14/14	3391.89	49.30	49.44	0.14	3,342.57
MW - 13	11/15/14	3391.89	49.21	49.40	0.19	3,342.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	12/04/14	3391.89	49.28	49.42	0.14	3,342.59
MW - 13	12/11/14	3391.89	49.31	49.42	0.11	3,342.56
MW - 13	12/18/14	3391.89	48.99	49.86	0.87	3,342.77
MW - 13	12/23/14	3391.89	49.29	49.40	0.11	3,342.58
MW - 13	01/07/15	3391.89	49.19	49.36	0.17	3,342.67
MW - 13	01/15/15	3391.89	49.06	49.18	0.12	3,342.81
MW - 13	01/28/15	3391.89	48.93	49.03	0.10	3,342.95
MW - 13	02/04/15	3391.89	48.90	49.02	0.12	3,342.97
MW - 13	02/13/15	3391.89	48.92	48.97	0.05	3,342.96
MW - 13	02/16/15	3391.89	48.90	48.94	0.04	3,342.98
MW - 13	02/17/15	3391.89	48.93	49.02	0.09	3,342.95
MW - 13	02/24/15	3391.89	48.89	48.95	0.06	3,342.99
MW - 13	03/10/15	3391.89	48.82	48.87	0.05	3,343.06
MW - 13	03/17/15	3391.89	48.81	48.88	0.07	3,343.07
MW - 13	03/18/15	3391.89	48.76	48.83	0.07	3,343.12
MW - 13	03/25/15	3391.89	48.73	48.80	0.07	3,343.15
MW - 13	04/07/15	3391.89	48.71	48.81	0.10	3,343.17
MW - 13	04/08/15	3391.89	48.63	48.68	0.05	3,343.25
MW - 13	04/21/15	3391.89	48.68	48.76	0.08	3,343.20
MW - 13	04/28/15	3391.89	49.32	49.40	0.08	3,342.56
MW - 13	05/06/15	3391.89	48.87	48.92	0.05	3,343.01
MW - 13	05/20/15	3391.89	48.52	48.62	0.10	3,343.36
MW - 13	05/28/15	3391.89	48.47	48.54	0.07	3,343.41
MW - 13	06/02/15	3391.89	48.44	48.52	0.08	3,343.44
MW - 13	06/09/15	3391.89	48.41	48.50	0.09	3,343.47
MW - 13	06/18/15	3391.89	47.80	47.85	0.05	3,344.08
MW - 13	06/30/15	3391.89	48.60	48.66	0.06	3,343.28
MW - 13	07/06/15	3391.89	48.82	48.86	0.04	3,343.06
MW - 13	07/09/15	3391.89	48.80	48.83	0.03	3,343.09
MW - 13	07/21/15	3391.89	48.57	48.61	0.04	3,343.31
MW - 13	07/28/15	3391.89	48.50	48.55	0.05	3,343.38
MW - 13	08/06/15	3391.89	49.31	49.39	0.08	3,342.57
MW - 13	08/11/15	3391.89	48.57	48.62	0.05	3,343.31
MW - 13	08/18/15	3391.89	48.59	48.60	0.01	3,343.30
MW - 13	08/26/15	3391.89	48.73	48.76	0.03	3,343.16
MW - 13	09/11/15	3391.89	48.70	48.75	0.05	3,343.18
MW - 13	09/17/15	3391.89	48.70	48.76	0.06	3,343.18
MW - 13	09/25/15	3391.89	48.78	48.86	0.08	3,343.10
MW - 13	09/30/15	3391.89	48.78	48.88	0.10	3,343.10
MW - 13	10/06/15	3391.89	48.77	48.84	0.07	3,343.11
MW - 13	10/09/15	3391.89	48.83	48.92	0.09	3,343.05
MW - 13	10/13/15	3391.89	48.72	48.83	0.11	3,343.15
MW - 13	10/15/15	3391.89	48.46	48.56	0.10	3,343.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	10/21/15	3391.89	48.77	48.88	0.11	3,343.10
MW - 13	10/26/15	3391.89	48.75	48.86	0.11	3,343.12
MW - 13	11/09/15	3391.89	48.72	48.87	0.15	3,343.15
MW - 13	11/20/15	3391.89	48.72	48.91	0.19	3,343.14
MW - 13	11/25/15	3391.89	48.68	48.90	0.22	3,343.18
MW - 13	12/01/15	3391.89	48.68	48.90	0.22	3,343.18
MW - 13	12/09/15	3391.89	48.68	48.90	0.22	3,343.18
MW - 13	12/11/15	3391.89	48.58	48.78	0.20	3,343.28
MW - 13	12/15/15	3391.89	48.56	48.76	0.20	3,343.30
MW - 13	01/06/16	3391.89	48.40	48.61	0.21	3,343.46
MW - 13	01/11/16	3391.89	48.42	48.63	0.21	3,343.44
MW - 13	01/13/16	3391.89	48.40	48.61	0.21	3,343.46
MW - 13	01/28/16	3391.89	48.33	48.53	0.20	3,343.53
MW - 13	02/03/16	3391.89	48.32	48.55	0.23	3,343.54
MW - 13	02/10/16	3391.89	48.25	48.45	0.20	3,343.61
MW - 13	02/15/16	3391.89	48.17	48.37	0.20	3,343.69
MW - 13	02/17/16	3391.89	48.19	48.39	0.20	3,343.67
MW - 13	02/23/16	3391.89	48.19	48.39	0.20	3,343.67
MW - 13	03/08/16	3391.89	48.07	48.25	0.18	3,343.79
MW - 13	03/16/16	3391.89	48.06	48.25	0.19	3,343.80
MW - 13	03/18/16	3391.89	48.16	48.36	0.20	3,343.70
MW - 13	03/23/16	3391.89	48.05	48.24	0.19	3,343.81
MW - 13	03/29/16	3391.89	41.03	41.21	0.18	3,350.83
MW - 13	04/04/16	3391.89	48.30	48.90	0.60	3,343.50
MW - 13	04/08/16	3391.89	48.08	48.28	0.20	3,343.78
MW - 13	04/12/16	3391.89	48.10	48.41	0.31	3,343.74
MW - 13	05/03/16	3391.89	48.32	48.55	0.23	3,343.54
MW - 13	05/12/16	3391.89	48.10	48.33	0.23	3,343.76
MW - 13	05/26/16	3391.89	48.01	48.19	0.18	3,343.85
MW - 13	06/09/16	3391.89	48.07	48.29	0.22	3,343.79
MW - 13	07/01/16	3391.89	48.04	48.27	0.23	3,343.82
MW - 13	07/20/16	3391.89	48.16	48.40	0.24	3,343.69
MW - 13	07/28/16	3391.89	48.11	48.38	0.27	3,343.74
MW - 13	08/04/16	3391.89	48.20	48.43	0.23	3,343.66
MW - 13	08/10/16	3391.89	48.17	48.42	0.25	3,343.68
MW - 13	08/16/16	3391.89	48.22	48.47	0.25	3,343.63
MW - 13	08/23/16	3391.89	48.20	48.46	0.26	3,343.65
MW - 13	09/12/16	3391.89	48.23	48.47	0.24	3,343.62
MW - 13	09/23/16	3391.89	48.21	48.46	0.25	3,343.64
MW - 13	09/28/16	3391.89	48.26	48.50	0.24	3,343.59
MW - 13	10/12/16	3391.89	48.18	48.39	0.21	3,343.68
MW - 13	10/17/16	3391.89	48.13	48.30	0.17	3,343.73
MW - 13	11/02/16	3391.89	48.13	48.31	0.18	3,343.73

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	11/09/16	3391.89	48.15	48.32	0.17	3,343.71
MW - 13	11/29/16	3391.89	48.03	48.20	0.17	3,343.83
MW - 13	12/16/16	3391.89	47.89	48.04	0.15	3,343.98
MW - 13	12/21/16	3391.89	48.00	48.13	0.13	3,343.87
MW - 13	01/13/17	3391.89	47.87	48.04	0.17	3,343.99
MW - 13	01/20/17	3391.89	47.80	47.97	0.17	3,344.06
MW - 13	01/26/17	3391.89	47.90	48.09	0.19	3,343.96
MW - 13	02/07/17	3391.89	47.86	48.00	0.14	3,344.01
MW - 13	02/20/17	3391.89	47.81	47.95	0.14	3,344.06
MW - 13	02/27/17	3391.89	47.79	47.94	0.15	3,344.08
MW - 13	03/30/17	3391.89	47.69	47.84	0.15	3,344.18
MW - 13	04/04/17	3391.89	47.68	47.83	0.15	3,344.19
MW - 13	04/21/17	3391.89	47.66	47.81	0.15	3,344.21
MW - 13	05/18/17	3391.89	47.63	47.76	0.13	3,344.24
MW - 13	07/20/17	3391.89	47.60	47.76	0.16	3,344.27
MW - 13	08/29/17	3391.89	47.52	47.67	0.15	3,344.35
MW - 13	10/13/17	3391.89	47.45	47.59	0.14	3,344.42
MW - 13	10/20/17	3391.89	47.45	47.59	0.14	3,344.42
MW - 13	10/31/17	3391.89	47.39	47.52	0.13	3,344.48
MW - 13	11/07/17	3391.89	47.47	47.57	0.10	3,344.41
MW - 13	12/18/17	3391.89	47.37	47.42	0.05	3,344.51
MW - 13	01/05/18	3391.89	47.38	47.43	0.05	3,344.50
MW - 13	01/31/18	3391.89	47.27	47.31	0.04	3,344.61
MW - 13	02/22/18	3391.89	47.34	47.38	0.04	3,344.54
MW - 13	03/15/18	3391.89	47.29	47.35	0.06	3,344.59
MW - 13	03/23/18	3391.89	47.32	47.37	0.05	3,344.56
MW - 13	04/11/18	3391.89	47.32	47.36	0.04	3,344.56
MW - 13	04/20/18	3391.89	47.29	47.30	0.01	3,344.60
MW - 13	04/25/18	3391.89	47.32	47.34	0.02	3,344.57
MW - 13	05/02/18	3391.89	47.25	47.27	0.02	3,344.64
MW - 13	05/10/18	3391.89	47.22	47.24	0.02	3,344.67
MW - 13	05/23/18	3391.89	47.27	47.28	0.01	3,344.62
MW - 13	05/31/18	3391.89	47.28	47.30	0.02	3,344.61
MW - 13	06/15/18	3391.89	-	47.52	0.00	3,344.37
MW - 13	06/20/18	3391.89	-	47.72	0.00	3,344.17
MW - 13	06/27/18	3391.89	-	47.50	0.00	3,344.39
MW - 13	07/05/18	3391.89	-	47.49	0.00	3,344.40
MW - 13	07/09/18	3391.89	-	47.58	0.00	3,344.31
MW - 13	07/26/18	3391.89	-	47.57	0.00	3,344.32
MW - 13	07/31/18	3391.89	-	47.73	0.00	3,344.16
MW - 13	08/14/18	3391.89	-	47.48	0.00	3,344.41
MW - 13	08/29/18	3391.89	-	47.57	0.00	3,344.32
MW - 13	09/07/18	3391.89	-	47.56	0.00	3,344.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	09/28/18	3391.89	-	47.57	0.00	3,344.32
MW - 13	10/04/18	3391.89	-	47.61	0.00	3,344.28
MW - 13	10/17/18	3391.89	-	47.75	0.00	3,344.14
MW - 13	11/09/18	3391.89	-	47.72	0.00	3,344.17
MW - 13	11/15/18	3391.89	-	47.61	0.00	3,344.28
MW - 13	11/19/18	3391.89	-	47.65	0.00	3,344.24
MW - 13	11/29/18	3391.89	-	47.61	0.00	3,344.28
MW - 13	12/03/18	3391.89	-	47.69	0.00	3,344.20
MW - 13	12/13/18	3391.89	-	47.50	0.00	3,344.39
MW - 13	12/21/18	3391.89	-	47.45	0.00	3,344.44
MW - 13	12/28/18	3391.89	-	47.58	0.00	3,344.31
MW - 13	01/03/19	3391.89	-	47.71	0.00	3,344.18
MW - 13	01/07/19	3391.89	-	47.58	0.00	3,344.31
MW - 13	01/16/19	3391.89	-	47.71	0.00	3,344.18
MW - 13	01/21/19	3391.89	-	47.45	0.00	3,344.44
MW - 13	01/28/19	3391.89	-	47.67	0.00	3,344.22
MW - 13	02/08/19	3391.89	-	47.57	0.00	3,344.32
MW - 13	02/13/19	3391.89	-	47.41	0.00	3,344.48
MW - 13	02/19/19	3391.89	-	47.31	0.00	3,344.58
MW - 13	03/01/19	3391.89	-	47.55	0.00	3,344.34
MW - 13	03/05/19	3391.89	-	47.48	0.00	3,344.41
MW - 13	03/20/19	3391.89	-	47.86	0.00	3,344.03
MW - 13	03/27/19	3391.89	-	47.40	0.00	3,344.49
MW - 13	04/04/19	3391.89	-	47.56	0.00	3,344.33
MW - 13	04/09/19	3391.89	-	47.36	0.00	3,344.53
MW - 13	04/16/19	3391.89	-	47.47	0.00	3,344.42
MW - 13	04/23/19	3391.89	-	47.36	0.00	3,344.53
MW - 13	05/03/19	3391.89	-	47.26	0.00	3,344.63
MW - 13	05/10/19	3391.89	-	47.49	0.00	3,344.40
MW - 13	05/23/19	3391.89	-	47.20	0.00	3,344.69
MW - 13	06/11/19	3391.89	-	47.20	0.00	3,344.69
MW - 13	06/20/19	3391.89	-	47.25	0.00	3,344.64
MW - 13	06/25/19	3391.89	-	47.28	0.00	3,344.61
MW - 13	07/03/19	3391.89	-	47.39	0.00	3,344.50
MW - 13	07/15/19	3391.89	-	47.61	0.00	3,344.28
MW - 13	07/31/19	3391.89	-	47.60	0.00	3,344.29
MW - 13	08/07/19	3391.89	-	47.31	0.00	3,344.58
MW - 13	08/15/19	3391.89	-	47.22	0.00	3,344.67
MW - 13	08/23/19	3391.89	-	47.27	0.00	3,344.62
MW - 13	09/06/19	3391.89	-	47.25	0.00	3,344.64
MW - 13	09/10/19	3391.89	-	47.25	0.00	3,344.64
MW - 13	09/18/19	3391.89	-	47.16	0.00	3,344.73
MW - 13	10/18/19	3391.89	-	47.08	0.00	3,344.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	10/24/19	3391.89	-	47.08	0.00	3,344.81
MW - 13	11/01/19	3391.89	-	47.42	0.00	3,344.47
MW - 13	11/13/19	3391.89	-	47.05	0.00	3,344.84
MW - 13	11/25/19	3391.89	-	46.96	0.00	3,344.93
MW - 13	12/05/19	3391.89	-	47.02	0.00	3,344.87
MW - 13	12/12/19	3391.89	-	46.94	0.00	3,344.95
MW - 13	12/27/19	3391.89	-	46.91	0.00	3,344.98
MW - 13	01/06/20	3391.89	-	46.98	0.00	3,344.91
MW - 13	01/16/20	3391.89	-	46.98	0.00	3,344.91
MW - 13	01/24/20	3391.89	-	46.97	0.00	3,344.92
MW - 13	01/31/20	3391.89	-	47.05	0.00	3,344.84
MW - 13	02/06/20	3391.89	-	46.88	0.00	3,345.01
MW - 13	02/14/20	3391.89	-	46.91	0.00	3,344.98
MW - 13	02/21/20	3391.89	-	46.95	0.00	3,344.94
MW - 13	02/25/20	3391.89	-	46.94	0.00	3,344.95
MW - 13	05/28/20	3391.89	-	46.83	0.00	3,345.06
MW - 13	06/15/20	3391.89	-	46.81	0.00	3,345.08
MW - 13	07/02/20	3391.89	-	46.84	0.00	3,345.05
MW - 13	07/29/20	3391.89	-	46.98	0.00	3,344.91
MW - 13	08/20/20	3391.89	-	47.06	0.00	3,344.83
MW - 13	08/27/20	3391.89	-	47.06	0.00	3,344.83
MW - 13	09/10/20	3391.89	-	47.20	0.00	3,344.69
MW - 13	10/21/20	3391.89	-	47.12	0.00	3,344.77
MW - 13	11/02/20	3391.89	-	47.06	0.00	3,344.83
MW - 13	12/01/20	3391.89	-	46.90	0.00	3,344.99
MW - 13	12/07/20	3391.89	-	46.97	0.00	3,344.92
MW - 13	01/06/21	3391.89	-	46.88	0.00	3,345.01
MW - 13	02/04/21	3391.89	-	46.92	0.00	3,344.97
MW - 13	02/12/21	3391.89	-	46.91	0.00	3,344.98
MW - 13	03/31/21	3391.89	-	46.80	0.00	3,345.09
MW - 13	04/13/21	3391.89	-	46.71	0.00	3,345.18
MW - 13	04/26/21	3391.89	-	46.70	0.00	3,345.19
MW - 13	05/11/21	3391.89	-	46.68	0.00	3,345.21
MW - 13	06/17/21	3391.89	-	46.71	0.00	3,345.18
MW - 13	07/12/21	3391.89	-	46.83	0.00	3,345.06
MW - 13	07/28/21	3391.89	-	46.90	0.00	3,344.99
MW - 13	08/10/21	3391.89	-	46.96	0.00	3,344.93
MW - 13	08/19/21	3391.89	-	46.98	0.00	3,344.91
MW - 13	09/14/21	3391.89	-	47.07	0.00	3,344.82
MW - 13	09/24/21	3391.89	-	47.09	0.00	3,344.80
MW - 13	10/18/21	3391.89	-	47.13	0.00	3,344.76
MW - 13	10/25/21	3391.89	-	47.16	0.00	3,344.73
MW - 13	11/04/21	3391.89	-	47.19	0.00	3,344.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	11/30/21	3391.89	-	47.15	0.00	3,344.74
MW - 13	12/27/21	3391.89	-	47.11	0.00	3,344.78

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE	SAMPLE	SW 846-8021B, 5030			
MW - 3	02/28/12	<0.001	<0.001	<0.001	<0.001
MW - 3	05/03/12	<0.001	<0.001	<0.001	<0.001
MW - 3	08/24/12	<0.001	<0.001	<0.001	<0.003
MW - 3	11/15/12	<0.001	<0.001	<0.001	<0.001
MW - 3	02/14/13	Not Sampled on Current Sample Schedule			
MW - 3	05/28/13	Not Sampled on Current Sample Schedule			
MW - 3	08/06/13	Not Sampled on Current Sample Schedule			
MW - 3	11/07/13	<0.001	<0.001	<0.001	<0.00300
MW - 3	03/05/14	Not Sampled on Current Sample Schedule			
MW - 3	05/29/14	Not Sampled on Current Sample Schedule			
MW - 3	08/12/14	Not Sampled on Current Sample Schedule			
MW - 3	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 3	02/16/15	Not Sampled on Current Sample Schedule			
MW - 3	05/28/15	Not Sampled on Current Sample Schedule			
MW - 3	08/26/15	Not Sampled on Current Sample Schedule			
MW - 3	11/20/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 3	02/17/16	Not Sampled on Current Sample Schedule			
MW - 3	05/26/16	Not Sampled on Current Sample Schedule			
MW - 3	08/04/16	Not Sampled on Current Sample Schedule			
MW - 3	11/29/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 3	02/27/17	Not Sampled on Current Sample Schedule			
MW - 3	05/18/17	Not Sampled on Current Sample Schedule			
MW - 3	08/29/17	Not Sampled on Current Sample Schedule			
MW - 3	11/07/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 3	02/22/18	Not Sampled on Current Sample Schedule			
MW - 3	05/23/18	Not Sampled on Current Sample Schedule			
MW - 3	08/29/18	Not Sampled on Current Sample Schedule			
MW - 3	11/29/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 3	03/05/19	Not Sampled on Current Sample Schedule			
MW - 3	06/11/19	Not Sampled on Current Sample Schedule			
MW - 3	08/15/19	Not Sampled on Current Sample Schedule			
MW - 3	11/25/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 3	02/25/20	Not Sampled on Current Sample Schedule			
MW - 3	06/15/20	Not Sampled on Current Sample Schedule			
MW - 3	08/27/20	Not Sampled on Current Sample Schedule			
MW - 3	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 3	02/04/21	Not Sampled on Current Sample Schedule			
MW - 3	06/17/21	Not Sampled on Current Sample Schedule			
MW - 3	09/24/21	Not Sampled on Current Sample Schedule			
MW - 3	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 5	02/28/12	Not Sampled on Current Sample Schedule			
MW - 5	05/03/12	<0.001	<0.001	<0.001	<0.001
MW - 5	08/24/12	Not Sampled on Current Sample Schedule			
MW - 5	11/15/12	<0.001	<0.001	<0.001	<0.001
MW - 5	02/14/13	Not Sampled on Current Sample Schedule			
MW - 5	05/28/13	Not Sampled on Current Sample Schedule			

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE	SAMPLE	SW 846-8021B, 5030			
MW - 5	08/06/13	Not Sampled on Current Sample Schedule			
MW - 5	11/07/13	<0.001	<0.001	<0.001	<0.00300
MW - 5	03/05/14	Not Sampled on Current Sample Schedule			
MW - 5	05/29/14	Not Sampled on Current Sample Schedule			
MW - 5	08/13/14	Not Sampled on Current Sample Schedule			
MW - 5	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 5	02/16/15	Not Sampled on Current Sample Schedule			
MW - 5	05/28/15	Not Sampled on Current Sample Schedule			
MW - 5	08/26/15	Not Sampled on Current Sample Schedule			
MW - 5	11/20/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 5	02/17/16	Not Sampled on Current Sample Schedule			
MW - 5	05/26/16	Not Sampled on Current Sample Schedule			
MW - 5	08/04/16	Not Sampled on Current Sample Schedule			
MW - 5	11/29/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 5	02/27/17	Not Sampled on Current Sample Schedule			
MW - 5	05/18/17	Not Sampled on Current Sample Schedule			
MW - 5	08/29/17	Not Sampled on Current Sample Schedule			
MW - 5	11/07/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 5	02/22/18	Not Sampled on Current Sample Schedule			
MW - 5	05/23/18	Not Sampled on Current Sample Schedule			
MW - 5	08/29/18	Not Sampled on Current Sample Schedule			
MW - 5	11/29/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 5	03/05/19	Not Sampled on Current Sample Schedule			
MW - 5	06/11/19	Not Sampled on Current Sample Schedule			
MW - 5	08/15/19	Not Sampled on Current Sample Schedule			
MW - 5	11/25/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 5	02/25/20	Not Sampled on Current Sample Schedule			
MW - 5	06/15/20	Not Sampled on Current Sample Schedule			
MW - 5	08/27/20	Not Sampled on Current Sample Schedule			
MW - 5	12/01/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 5	02/04/21	Not Sampled on Current Sample Schedule			
MW - 5	06/17/21	Not Sampled on Current Sample Schedule			
MW - 5	09/24/21	Not Sampled on Current Sample Schedule			
MW - 5	12/02/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	02/28/12	Not Sampled on Current Sample Schedule			
MW - 6	05/03/12	<0.001	<0.001	<0.001	<0.001
MW - 6	08/24/12	Not Sampled on Current Sample Schedule			
MW - 6	11/15/12	<0.001	<0.001	<0.001	<0.001
MW - 6	02/14/13	<0.001	<0.001	<0.001	<0.001
MW - 6	05/28/13	<0.001	<0.001	<0.001	<0.001
MW - 6	08/06/13	<0.001	<0.001	<0.001	<0.001
MW - 6	11/07/13	<0.001	<0.001	<0.001	<0.00300
MW - 6	03/05/14	<0.001	<0.001	<0.001	<0.00300
MW - 6	05/29/14	<0.001	<0.001	<0.001	<0.00300
MW - 6	08/12/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	11/15/14	<0.00100	<0.00100	<0.00100	<0.00100

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE	SAMPLE	SW 846-8021B, 5030			
MW - 6	02/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	05/28/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	08/26/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	11/20/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	02/17/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	05/26/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	08/04/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 6	11/29/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 6	02/27/17	<0.00200	<0.00200	<0.00200	<0.00200
MW - 6	05/18/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 6	08/29/17	<0.00200	<0.00200	<0.00200	<0.002
MW - 6	11/07/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 6	02/22/18	<0.00200	<0.00200	<0.00200	<0.00400
MW - 6	05/23/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 6	08/29/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 6	11/29/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 6	03/05/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	06/11/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	08/15/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	11/25/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	02/25/20	<0.00100	<0.00100	0.00110	0.00360
MW - 6	06/15/20	Not Sampled on Current Sample Schedule			
MW - 6	08/27/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	12/01/20	Not Sampled on Current Sample Schedule			
MW - 6	02/04/21	Not Sampled on Current Sample Schedule			
MW - 6	06/17/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	09/24/21	Not Sampled on Current Sample Schedule			
MW - 6	12/02/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 10	02/28/12	Not Sampled due to PSH in Well			
MW - 10	05/03/12	Not Sampled due to PSH in Well			
MW - 10	08/24/12	Not Sampled due to PSH in Well			
MW - 10	11/15/12	Not Sampled due to PSH in Well			
MW - 10	02/14/13	Not Sampled due to PSH in Well			
MW - 10	05/28/13	Not Sampled due to PSH in Well			
MW - 10	08/06/13	Not Sampled due to PSH in Well			
MW - 10	11/07/13	Not Sampled due to PSH in Well			
MW - 10	03/05/14	Not Sampled due to PSH in Well			
MW - 10	05/29/14	Not Sampled due to PSH in Well			
MW - 10	08/12/14	Not Sampled due to PSH in Well			
MW - 10	11/15/14	Not Sampled due to PSH in Well			
MW - 10	02/16/15	Not Sampled due to PSH in Well			
MW - 10	05/28/15	Not Sampled due to PSH in Well			
MW - 10	08/26/15	Not Sampled due to PSH in Well			
MW - 10	11/20/15	Not Sampled due to PSH in Well			
MW - 10	02/17/16	Not Sampled due to PSH in Well			
MW - 10	05/26/16	Not Sampled due to PSH in Well			

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE	SAMPLE	SW 846-8021B, 5030			
MW - 10	08/04/16	**0.440**	<0.0500	0.155	0.206
MW - 10	11/29/16	Not Sampled due to PSH in Well			
MW - 10	02/27/17	Not Sampled due to PSH in Well			
MW - 10	05/18/17	Not Sampled due to PSH in Well			
MW - 10	08/29/17	Not Sampled due to PSH in Well			
MW - 10	11/07/17	Not Sampled due to PSH in Well			
MW - 10	02/22/18	Not Sampled due to PSH in Well			
MW - 10	05/23/18	**0.312**	<0.0100	0.167	0.2113
MW - 10	08/29/18	Not Sampled due to PSH in Well			
MW - 10	11/29/18	**0.497**	<0.0500	0.124	0.120
MW - 10	03/05/19	**0.175**	0.00379	0.0976	0.1184
MW - 10	06/11/19	**0.0775**	0.00715	0.0268	0.0254
MW - 10	08/15/19	**0.363**	0.00515	0.0826	0.08345
MW - 10	11/25/19	**0.0952**	0.00147	0.0368	0.04469
MW - 10	02/25/20	**0.268**	0.0280	0.142	0.2791
MW - 10	06/15/20	**0.447**	0.0634	0.153	0.3602
MW - 10	08/27/20	**0.422**	0.0374	0.101	0.2226
MW - 10	12/01/20	**0.455**	0.0546	0.0345	0.10255
MW - 10	02/04/21	**0.329**	0.0347	0.0922	0.1911
MW - 10	06/17/21	**0.524**	0.0360	0.0850	0.3500
MW - 10	09/24/21	**0.181**	0.0158	0.0213	0.09605
MW - 10	12/02/21	**0.0732**	0.00269	0.00252	0.00745
MW-12	03/06/14	**0.0219**	<0.00100	0.0259	0.0458
MW-12	05/29/14	**0.0166**	<0.00100	0.00960	<0.00300
MW-12	08/12/14	**0.0513**	<0.00100	<0.00100	<0.00100
MW-12	11/15/14	**0.214**	<0.0500	<0.0500	<0.0500
MW-12	02/16/15	**0.0160**	<0.00100	<0.00100	<0.00100
MW-12	05/28/15	0.00900	<0.00100	0.00140	0.0018
MW-12	08/26/15	**0.0103**	<0.00100	0.00310	0.00280
MW-12	11/20/15	0.00670	<0.00100	<0.00100	0.00200
MW-12	02/17/16	0.00630	<0.00100	<0.00100	<0.00100
MW-12	05/26/16	**0.0144**	<0.00100	0.00210	0.00670
MW-12	08/04/16	**0.0152**	<0.00100	0.00450	0.00560
MW-12	11/29/16	**0.0124**	<0.00200	<0.00200	<0.00200
MW-12	02/27/17	**0.0195**	<0.00200	0.00395	0.00243
MW-12	05/18/17	**0.0223**	<0.00200	<0.00200	<0.00400
MW-12	08/29/17	**0.0176**	<0.00200	<0.00200	<0.002
MW-12	11/07/17	**0.0133**	<0.00200	<0.00200	<0.00400
MW-12	02/22/18	0.00427	<0.00200	<0.00200	<0.00400
MW-12	05/23/18	**0.0129**	<0.0100	<0.00500	<0.0200
MW-12	08/29/18	0.00286	<0.0100	<0.00500	<0.0200
MW-12	11/29/18	0.00675	<0.0100	<0.00500	<0.0200
MW-12	03/05/19	0.00500	<0.00100	<0.00100	<0.00200
MW-12	06/11/19	<0.00100	<0.00100	<0.00100	<0.00200
MW-12	08/15/19	0.00278	<0.00100	<0.00100	<0.00200
MW-12	11/25/19	0.00364	<0.00100	<0.00100	<0.00200

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE	SAMPLE	SW 846-8021B, 5030			
MW-12	02/25/20	0.00286	<0.00100	<0.00100	<0.00200
MW-12	06/15/20	0.00108	<0.00200	<0.00200	<0.00300
MW-12	08/27/20	0.00340	<0.00100	<0.00100	<0.00200
MW-12	12/01/20	0.00168	<0.00100	<0.00100	<0.00200
MW-12	02/04/21	0.00279	<0.00200	<0.00100	<0.00200
MW-12	06/17/21	0.00111	<0.00100	<0.00100	<0.00200
MW-12	09/24/21	0.00214	<0.00100	<0.00100	<0.00200
MW-12	12/02/21	<0.00100	<0.00100	<0.00100	<0.00200
MW-13	02/07/14	Installed			
MW-13	03/06/14	Not Sampled due to PSH in Well			
MW-13	05/29/14	Not Sampled due to PSH in Well			
MW-13	08/12/14	Not Sampled due to PSH in Well			
MW-13	11/15/14	Not Sampled due to PSH in Well			
MW-13	02/16/15	Not Sampled due to PSH in Well			
MW-13	05/28/15	Not Sampled due to PSH in Well			
MW-13	08/26/15	Not Sampled due to PSH in Well			
MW-13	11/20/15	Not Sampled due to PSH in Well			
MW-13	02/17/16	Not Sampled due to PSH in Well			
MW-13	05/26/16	Not Sampled due to PSH in Well			
MW-13	08/04/16	Not Sampled due to PSH in Well			
MW-13	11/29/16	Not Sampled due to PSH in Well			
MW-13	02/27/17	Not Sampled due to PSH in Well			
MW-13	05/18/17	Not Sampled due to PSH in Well			
MW-13	08/29/17	Not Sampled due to PSH in Well			
MW-13	11/07/17	Not Sampled due to PSH in Well			
MW-13	02/22/18	Not Sampled due to PSH in Well			
MW-13	05/23/18	Not Sampled due to PSH in Well			
MW-13	08/29/18	**2.92**	<0.100	0.516	0.558
MW-13	11/29/18	**1.03**	<0.0500	0.0960	0.115
MW-13	03/05/19	**0.351**	0.00821	0.0814	0.09602
MW-13	06/11/19	**0.120**	<0.0200	0.0906	0.1256
MW-13	08/15/19	**1.84**	0.0102	0.380	0.5005
MW-13	11/25/19	**1.62**	0.00208	0.0735	0.1001
MW-13	02/25/20	**2.12**	0.0207	0.549	**0.6338**
MW-13	06/15/20	**2.23**	0.0417	0.579	**0.6741**
MW-13	08/27/20	**2.23**	0.0173	0.155	0.1826
MW-13	12/01/20	**2.54**	0.0856	0.1150	0.1353
MW-13	02/04/21	**1.05**	0.0604	0.307	0.3890
MW-13	06/17/21	**5.13**	0.0127	0.359	0.3883
MW-13	09/24/21	**5.99**	0.0198	0.724	**0.7357**
MW-13	12/02/21	**3.86**	0.00159	0.0477	0.02151

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 98-05A

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-12

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	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.00193**	<0.000917	<0.000917	**0.0104**	<0.000917	**0.014**	<0.000917	**0.047**	**0.0806**	**0.0587**	0.0152
MW-1	11/11/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0110**	<0.000917	**0.0257**	**0.0706**	**0.0474**	0.0103
MW-1	11/05/10	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	**0.0114**	<0.00188	**0.0250**	<0.00188	**0.0407**	**0.138**	**0.0768**	0.0219
MW-1	12/16/11	<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	**0.0132**	<0.000185	**0.0116**	**0.0343**	**0.0171**	0.0144
MW-1	11/15/12	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	**0.0236**	<0.000189	**0.0354**	**0.101**	**0.0632**	0.0286
MW-1	11/07/13	<0.000200	0.213	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.494**	**0.112**	**0.388**	<0.000200	**0.610**	**1.21**	**0.0632**	21.4
MW-1	11/15/14	<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	11/20/15	<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-1	11/29/16	Not Sampled Due to the Presence of PSH.																		
MW-1	11/07/17	0.00243	0.00172	0.000872	**0.00106**	<0.000167	<0.000167	<0.000167	<0.000167	**0.000216**	<0.000167	0.000321	**0.00945**	<0.000167	**0.00938**	0.000846	0.0138			0.0179
MW-1	11/29/18	0.00014	0.00016	0.00036	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00051	<0.00011	0.00040	<0.00011	0.00307			0.00075
MW-1	11/25/19	0.00062	0.00074	**0.0013**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0024**	<0.00010	0.00040	**0.0036**	<0.00010	**0.0060**	0.00069	0.017			0.0062
MW-1	12/01/20	0.00019	0.00027	0.00012	**0.00017**	0.00020	0.00019	0.00019	0.00017	**0.00052**	0.00020	0.00026	0.00092	0.00023	**0.0011**	0.00020	0.00463			0.0026
MW-1	12/01/21	Not Sampled																		
MW-2	11/19/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00525**	<0.000922	**0.00739**	<0.000922	**0.0163**	**0.0252**	**0.0335**	0.00806
MW-2	11/11/09	<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	**0.0114**	<0.000922	**0.0488**	**0.0930**	**0.0735**	0.0116
MW-2	11/05/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	**0.00106**	<0.000186	**0.00238**	<0.000186	0.00139	0.00528	0.000936	0.00168
MW-2	12/16/11	<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	**0.00346**	<0.000185	0.00324	0.00714	0.00306	0.00263
MW-2	11/15/12	Not Sampled Due to the Presence of PSH.																		
MW-2	11/07/13	Not Sampled Due to the Presence of PSH.																		
MW-2	11/15/14	Not Sampled Due to the Presence of PSH.																		
MW-2	11/20/15	Not Sampled Due to the Presence of PSH.																		
MW-2	11/29/16	0.00136	0.000935	**0.00586**	<0.000481	<0.000481	<0.000481	<0.000481	<0.000481	**0.000918**	<0.000481	<0.000481	0.000714	<0.000481	**0.00554**	<0.000481	0.0112			0.00483
MW-2	11/07/17	Not Sampled																		
MW-2	11/29/18	0.00020	0.00024	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00097	<0.00011	0.00079	<0.00011	0.0076			0.0015
MW-2	11/25/19	0.00048	0.00057	0.00043	**0.00024**	<0.000098	<0.000098	<0.000098	<0.000098	**0.00094**	<0.000098	0.00026	**0.0037**	<0.000098	**0.0053**	0.00035	**0.0325**			0.0069
MW-2	12/01/20	0.00013	<0.00010	0.00010	0.00010	0.00019	0.00015	0.00020	0.00016	**0.00021**	0.00019	0.00012	0.00068	0.00027	0.00070	<0.00010	0.00772			0.0019
MW-2	12/01/21	0.00093	<0.00010	0.00015	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.00022**	<0.00010	0.00017	0.00084	<0.00010	0.00060	0.00018	0.00321			0.0020

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

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	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00022	<0.000184	<0.000184	<0.000184
MW-3	11/11/09	<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-3	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/01/21	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
MW-5	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	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-5	11/11/09	<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	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/02/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

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-6	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	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-6	11/11/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-6	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/02/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	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	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-7	11/11/09	<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	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/19/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-8	11/11/09	<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

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

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-8	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/19/08	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	**0.00427**	<0.000935	**0.00553**	<0.000935	0.00202	0.00876	0.00297	0.00586
MW-9	11/11/09	<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	**0.00358**	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922
MW-9	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/16/11	<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-9	11/15/12	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189
MW-9	11/07/13	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189
MW-9	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/19/08	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	**0.050**	<0.00367	**0.0652**	<0.00367	**0.175**	**0.412**	**0.380**	0.0765
MW-10	11/11/09	<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	**0.0101**	<0.000922	**0.0474**	**0.0934**	**0.0713**	0.0125

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

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-10	11/05/10	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	**0.00495**	<0.000188	**0.00732**	<0.000188	**0.0358**	**0.0569**	**0.041**	0.00602
MW-10	12/16/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.0151**	<0.000184	**0.0652**	**0.0901**	**0.0815**	0.0200
MW-10	11/15/12	Not Sampled due to the presence of PSH																		
MW-10	11/07/13	Not Sampled due to the presence of PSH																		
MW-10	11/15/14	Not Sampled due to the presence of PSH																		
MW-10	11/20/15	Not Sampled due to the presence of PSH																		
MW-10	11/29/16	Not Sampled due to the presence of PSH																		
MW-10	11/07/17	Not Sampled due to the presence of PSH																		
MW-10	11/29/18	0.00037	0.00027	0.00013	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	**0.0021**	<0.00012	**0.0017**	<0.00012	**0.389**			0.0040
MW-10	11/25/19	0.00059	0.0012	**0.0011**	**0.00013**	<0.000098	<0.000098	<0.000098	<0.000098	**0.0013**	<0.000098	0.00027	**0.0082**	<0.000098	**0.012**	0.00044	**0.184**			0.016
MW-10	12/01/20	0.00023	0.00036	0.00023	<0.000099	0.00013	0.00016	0.00017	0.00015	**0.00045**	0.00019	0.00037	**0.0021**	0.00018	**0.0038**	0.00019	**0.094**			0.0048
MW-10	12/02/21	0.0011	0.00035	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0011**	<0.00010	**0.0013**	<0.00010	0.0183			0.0026
MW-11	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	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-11	11/11/09	<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-11	11/05/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/15/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/07/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	03/05/14	<0.00465	<0.00465	**<0.00465**	**<0.00465**	**<0.00465**	**<0.00465**	<0.00465	**<0.00465**	**<0.00465**	**<0.00465**	**<0.00465**	**<0.00465**	**<0.00465**	**<0.00465**	**<0.00465**	**0.00956**	**0.0153**	**0.0105**	<0.00465
MW-12	11/15/14	<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

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

All water concentrations are reported in mg/L

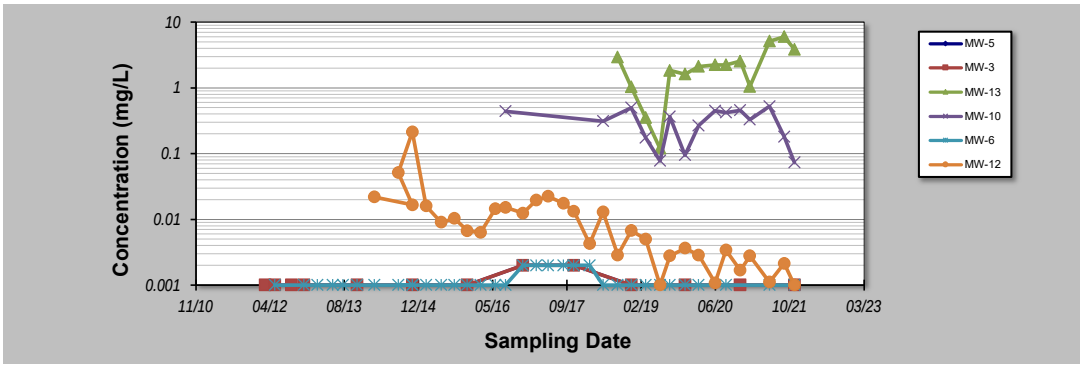
SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	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-12	11/20/15	<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-12	11/20/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/29/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/07/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/25/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/01/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/02/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	03/05/14	Not Sampled Due to the Presence of PSH.																		
MW-13	11/15/14	Not Sampled Due to the Presence of PSH.																		
MW-13	11/20/15	Not Sampled Due to the Presence of PSH.																		
MW-13	11/29/16	Not Sampled Due to the Presence of PSH.																		
MW-13	11/07/17	Not Sampled Due to the Presence of PSH.																		
MW-13	11/29/18	0.00018	<0.00011	0.00061	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00096	<0.00011	0.00069	<0.00011	0.0098			0.0015
MW-13	11/25/19	0.00018	0.00026	0.00021	<0.000098	<0.000098	<0.000098	<0.000098	<0.000098	**0.00022**	<0.000098	<0.000098	**0.0017**	<0.000098	**0.0021**	0.00010	0.0291			0.0027
MW-13	12/01/20	0.00013	0.00022	0.00022	**0.00014**	0.00019	0.00015	0.00021	0.00013	**0.00029**	0.00020	0.00028	**0.0012**	0.00030	**0.0033**	0.00023	**0.064**			0.0026
MW-13	12/02/21	Not Sampled																		

TABLE 7

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC
Job ID: AP-012
Constituent: Benzene
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12	
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)						
1	02/28/12		0.001					
2	05/03/12	0.001	0.001			0.001		
3	08/24/12		0.001					
4	11/15/12	0.001	0.001			0.001		
5	02/14/13					0.001		
6	05/28/13					0.001		
7	08/06/13					0.001		
8	11/07/13	0.001	0.001			0.001		
9	03/05/14					0.001	0.0219	
10	11/15/14					0.001	0.0166	
11	08/12/14					0.00100	0.0513	
12	11/15/14	0.00100	0.00100			0.00100	0.214	
13	02/16/15					0.00100	0.0160	
14	05/28/15					0.00100	0.00900	
15	08/26/15					0.00100	0.0103	
16	11/20/15	0.00100	0.00100			0.00100	0.00670	
17	02/17/16					0.00100	0.00630	
18	05/26/16					0.00100	0.0144	
19	08/04/16				0.440	0.00100	0.0152	
20	11/29/16	0.00200	0.00200			0.00200	0.0124	
21	02/27/17					0.00200	0.0195	
22	05/18/17					0.00200	0.0223	
23	08/29/17					0.00200	0.0176	
24	11/07/17	0.00200	0.00200			0.00200	0.0133	
25	02/22/18					0.00200	0.00427	
26	05/23/18				0.312	0.00100	0.0129	
27	08/29/18			2.92		0.00100	0.00286	
28	11/29/18	0.00100	0.00100	1.03	0.497	0.00100	0.00675	
29	03/05/19			0.351	0.175	0.00100	0.00500	
30	06/11/19			0.120	0.0775	0.00100	0.00100	
31	08/15/19			1.84	0.363	0.00100	0.00278	
32	11/25/19	0.00100	0.00100	1.62	0.0952	0.00100	0.00364	
33	02/25/20			2.12	0.268	0.00100	0.00286	
34	06/15/20			2.23	0.447		0.00108	
35	08/27/20			2.23	0.422	0.00100	0.00340	
36	12/01/20	0.00100	0.00100	2.54	0.455		0.00168	
37	02/04/21			1.05	0.329		0.00279	
38	06/17/21			5.13	0.524	0.00100	0.00111	
39	09/24/21			5.99	0.181		0.00214	
40	12/01/21	0.00100	0.00100	3.86	0.0732	0.00100	0.00100	
Coefficient of Variation:		0.34	0.33	0.71	0.51	0.33	2.30	
Mann-Kendall Statistic (S):		2	6	46	-3	36	-316	
Confidence Factor:		53.0%	61.7%	99.4%	53.9%	69.7%	>99.9%	
Concentration Trend:		No Trend	No Trend	Increasing	Stable	No Trend	Decreasing	



Notes:

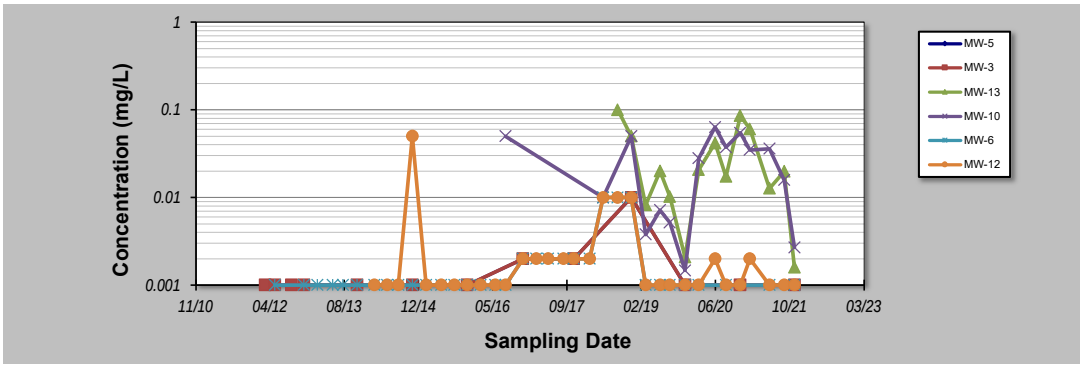
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably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

TABLE 8

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC
Job ID: AP-012
Constituent: Toluene
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12	
Sampling Event	Sampling Date	TOLUENE CONCENTRATION (mg/L)						
1	02/28/12		0.001					
2	05/03/12	0.001	0.001			0.001		
3	08/24/12		0.001					
4	11/15/12	0.001	0.001			0.001		
5	02/14/13					0.001		
6	05/28/13					0.001		
7	08/06/13					0.001		
8	11/07/13	0.001	0.001			0.001		
9	03/05/14					0.001	0.00100	
10	05/29/14					0.001	0.00100	
11	08/12/14					0.00100	0.00100	
12	11/15/14	0.00100	0.00100			0.00100	0.0500	
13	02/16/15					0.00100	0.00100	
14	05/28/15					0.00100	0.00100	
15	08/26/15					0.00100	0.00100	
16	11/20/15	0.00100	0.00100			0.00100	0.00100	
17	02/17/16					0.00100	0.00100	
18	05/26/16					0.00100	0.00100	
19	08/04/16				0.0500	0.00100	0.00100	
20	11/29/16	0.00200	0.00200			0.00200	0.00200	
21	02/27/17					0.00200	0.00200	
22	05/18/17					0.00200	0.00200	
23	08/29/17					0.00200	0.00200	
24	11/07/17	0.00200	0.00200			0.00200	0.00200	
25	02/22/18					0.00200	0.00200	
26	05/23/18				0.0100	0.0100	0.0100	
27	08/29/18			0.100		0.0100	0.0100	
28	11/29/18	0.0100	0.0100	0.0500	0.0500	0.0100	0.0100	
29	03/05/19			0.00821	0.00379	0.00100	0.00100	
30	06/11/19			0.0200	0.00715	0.00100	0.00100	
31	08/15/19			0.0102	0.00515	0.00100	0.00100	
32	11/25/19	0.00100	0.00100	0.00208	0.00147	0.00100	0.00100	
33	02/25/20			0.0207	0.0280	0.00100	0.00100	
34	06/15/20			0.0417	0.0634		0.00200	
35	08/27/20			0.0173	0.0374	0.00100	0.00100	
36	12/01/20	0.00100	0.00100	0.0856	0.0546		0.00100	
37	02/04/21			0.0604	0.0347		0.00200	
38	06/17/21			0.0127	0.0360	0.00100	0.00100	
39	09/24/21			0.0198	0.0158		0.00100	
40	12/01/21	0.00100	0.00100	0.00159	0.00269	0.00100	0.00100	
Coefficient of Variation:		1.34	1.34	0.97	0.81	1.30	2.44	
Mann-Kendall Statistic (S):		8	14	-15	-4	99	11	
Confidence Factor:		70.3%	78.2%	77.5%	55.8%	92.6%	56.4%	
Concentration Trend:		No Trend	No Trend	Stable	Stable	Prob. Increasing	No Trend	



Notes:

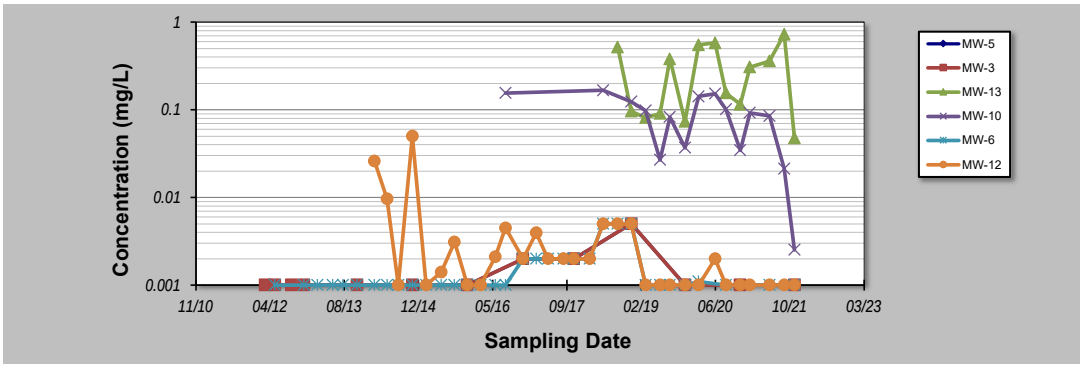
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably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

TABLE 9

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC
Job ID: AP-012
Constituent: Ethylbenzene
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12
Sampling Event	Sampling Date	ETHYLBENZENE CONCENTRATION (mg/L)					
1	02/28/12		0.001				
2	05/03/12	0.001	0.001			0.001	
3	08/24/12		0.001				
4	11/15/12	0.001	0.001			0.001	
5	02/14/13					0.001	
6	05/28/13					0.001	
7	08/06/13					0.001	
8	11/07/13	0.001	0.001			0.001	
9	03/05/14					0.001	0.0259
10	05/29/14					0.001	0.00960
11	08/12/14					0.00100	0.00100
12	11/15/14	0.00100	0.00100			0.00100	0.0500
13	02/16/15					0.00100	0.00100
14	05/28/15					0.00100	0.00140
15	08/26/15					0.00100	0.00310
16	11/20/15	0.00100	0.00100			0.00100	0.00100
17	02/17/16					0.00100	0.00100
18	05/26/16					0.00100	0.00210
19	08/04/16				0.155	0.00100	0.00450
20	11/29/16	0.00200	0.00200			0.00200	0.00200
21	02/27/17					0.00200	0.00395
22	05/18/17					0.00200	0.00200
23	08/29/17					0.00200	0.00200
24	11/07/17	0.00200	0.00200			0.00200	0.00200
25	02/22/18					0.00200	0.00200
26	05/23/18				0.167	0.00500	0.00500
27	08/29/18			0.516		0.00500	0.00500
28	11/29/18	0.00500	0.00500	0.0960	0.124	0.00500	0.00500
29	03/05/19			0.0814	0.0976	0.00100	0.00100
30	06/11/19			0.0906	0.0268	0.00100	0.00100
31	08/15/19			0.380	0.0826	0.00100	0.00100
32	11/25/19	0.00100	0.00100	0.0735	0.0368	0.00100	0.00100
33	02/25/20			0.549	0.142	0.00110	0.00100
34	06/15/20			0.579	0.153		0.00200
35	08/27/20			0.155	0.101	0.00100	0.00100
36	12/01/20	0.00100	0.00100	0.1150	0.0345		0.00100
37	02/04/21			0.307	0.0922		0.00100
38	06/17/21			0.359	0.0850	0.00100	0.00100
39	09/24/21			0.724	0.0213		0.00100
40	12/01/21	0.00100	0.00100	0.0477	0.00252	0.00100	0.00100
Coefficient of Variation:		0.79	0.77	0.79	0.61	0.76	2.13
Mann-Kendall Statistic (S):		8	14	9	-51	117	-163
Confidence Factor:		70.3%	78.2%	66.6%	99.4%	95.7%	99.6%
Concentration Trend:		No Trend	No Trend	No Trend	Decreasing	Increasing	Decreasing



Notes:

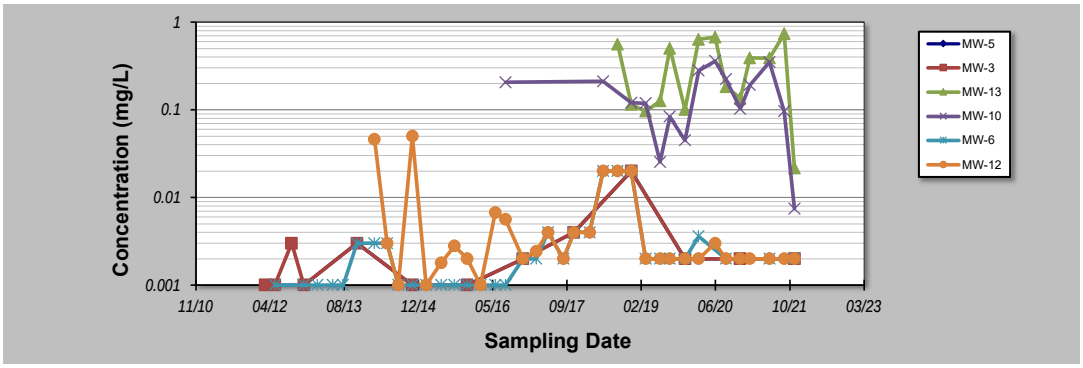
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably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

TABLE 10

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC
Job ID: AP-012
Constituent: Xylene
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12
Sampling Event	Sampling Date	XYLENE CONCENTRATION (mg/L)					
1	02/28/12		0.001				
2	05/03/12	0.001	0.001			0.001	
3	08/24/12		0.003				
4	11/15/12	0.001	0.001			0.001	
5	02/14/13					0.001	
6	05/28/13					0.001	
7	08/06/13					0.001	
8	11/07/13	0.00300	0.00300			0.00300	
9	03/05/14					0.00300	0.0458
10	05/29/14					0.00300	0.00300
11	08/12/14					0.00100	0.00100
12	11/15/14	0.00100	0.00100			0.00100	0.0500
13	02/16/15					0.00100	0.00100
14	05/28/15					0.00100	0.0018
15	08/26/15					0.00100	0.00280
16	11/20/15	0.00100	0.00100			0.00100	0.00200
17	02/17/16					0.00100	0.00100
18	05/26/16					0.00100	0.00670
19	08/04/16				0.206	0.00100	0.00560
20	11/29/16	0.00200	0.00200			0.00200	0.00200
21	02/27/17					0.00200	0.00243
22	05/18/17					0.00400	0.00400
23	08/29/17					0.002	0.002
24	11/07/17	0.00400	0.00400			0.00400	0.00400
25	02/22/18					0.00400	0.00400
26	05/23/18				0.2113	0.0200	0.0200
27	08/29/18			0.558		0.0200	0.0200
28	11/29/18	0.0200	0.0200	0.115	0.120	0.0200	0.0200
29	03/05/19			0.09602	0.1184	0.00200	0.00200
30	06/11/19			0.1256	0.0254	0.00200	0.00200
31	08/15/19			0.5005	0.08345	0.00200	0.00200
32	11/25/19	0.00200	0.00200	0.1001	0.04469	0.00200	0.00200
33	02/25/20			0.6338	0.2791	0.00360	0.00200
34	06/15/20			0.6741	0.3602		0.00300
35	08/27/20			0.1826	0.2226	0.00200	0.00200
36	12/01/20	0.00200	0.00200	0.1353	0.10255		0.00200
37	02/04/21			0.3890	0.1911		0.00200
38	06/17/21			0.3883	0.3500	0.00200	0.00200
39	09/24/21			0.7357	0.09605		0.00200
40	12/01/21	0.00200	0.00200	0.02151	0.00745	0.00200	0.00200
Coefficient of Variation:		1.56	1.54	0.75	0.69	1.52	1.71
Mann-Kendall Statistic (S):		19	23	11	-9	198	-53
Confidence Factor:		91.8%	90.8%	70.5%	65.1%	99.9%	79.9%
Concentration Trend:		Prob. Increasing	Prob. Increasing	No Trend	Stable	Increasing	No Trend



Notes:

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

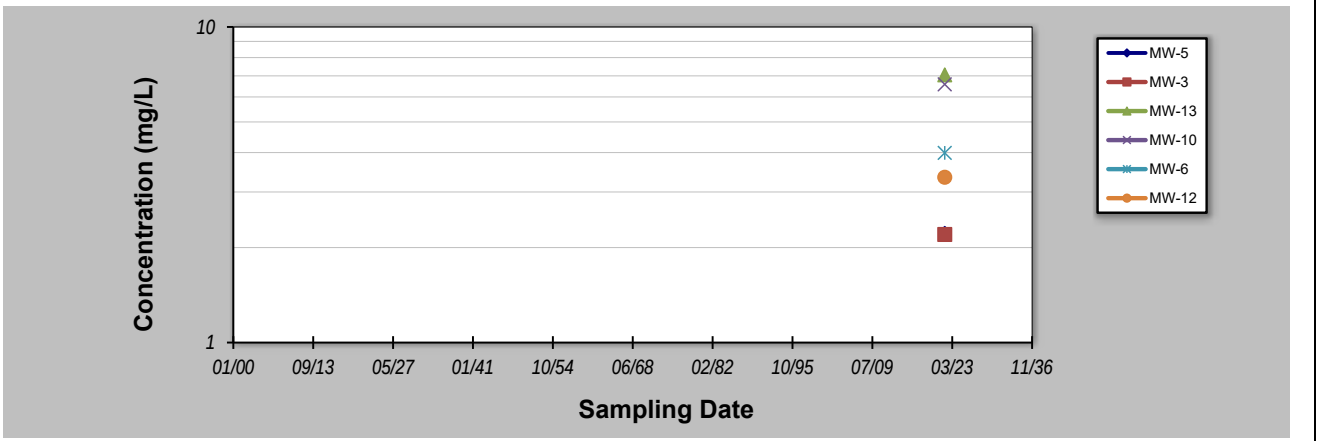
TABLE 11

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC

Job ID: AP-012
Constituent: Total Organic Carbon (TOC)
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12	
Sampling Event	Sampling Date	TOTAL ORGANIC CARBON (TOC) CONCENTRATION (mg/L)						
1	12/02/21	2.25	2.20	7.05	6.58	3.99	3.34	
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.

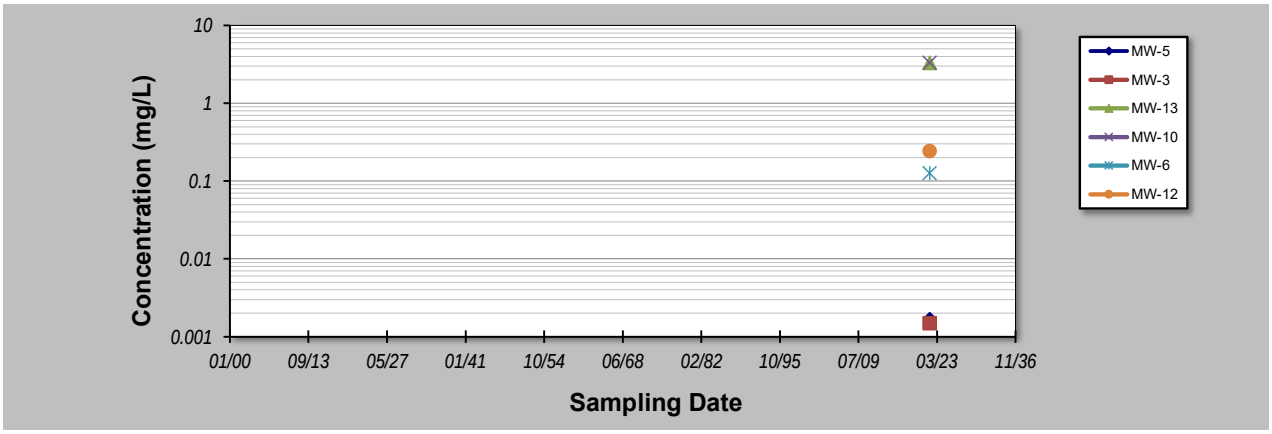
TABLE 12

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC

Job ID: AP-012
Constituent: Dissolved Methane (RSK-175)
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12	
Sampling Event	Sampling Date	DISSOLVED METHANE (RSK-175) CONCENTRATION (mg/L)						
1	12/02/21	0.00177	0.00149	3.32	3.31	0.126	0.243	
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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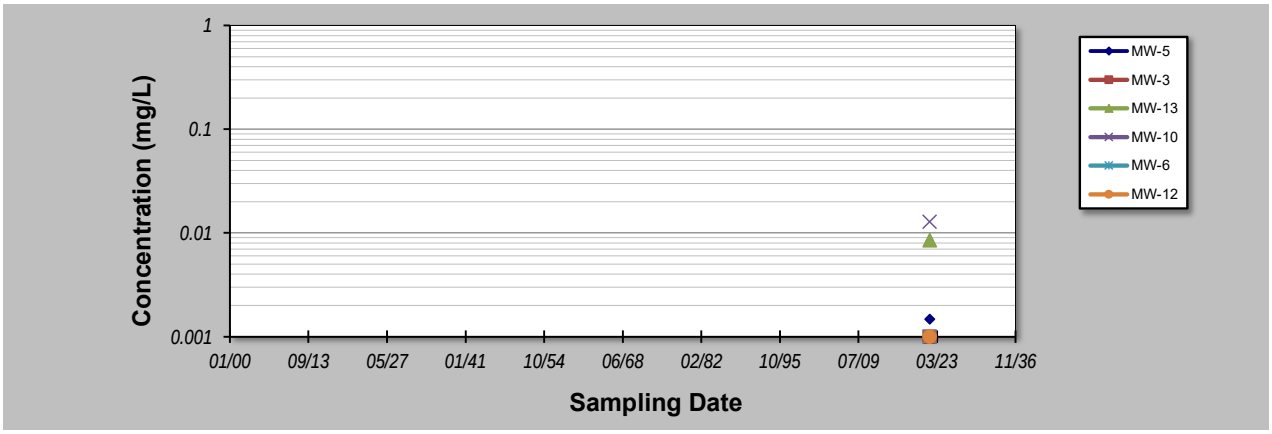
TABLE 13

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC

Job ID: AP-012
Constituent: Dissolved Ethane (RSK-175)
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12	
Sampling Event	Sampling Date	DISSOLVED ETHANE (RSK-175) CONCENTRATION (mg/L)						
1	12/02/21	0.00147	0.00100	0.00851	0.0128	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.
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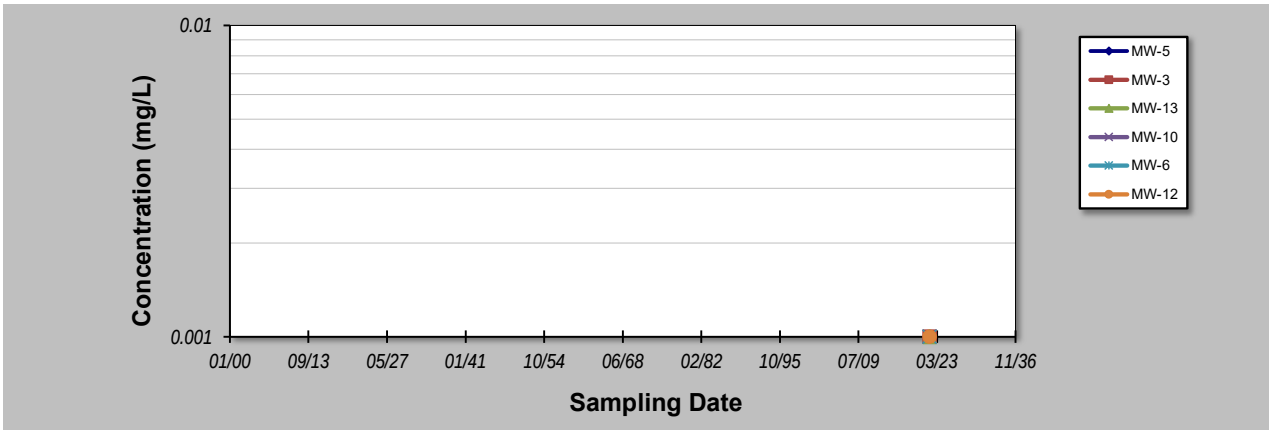
TABLE 14

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC

Job ID: AP-012
Constituent: Dissolved Ethene (RSK-175)
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12	
Sampling Event	Sampling Date	DISSOLVED ETHENE (RSK-175) CONCENTRATION (mg/L)						
1	12/02/21	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:

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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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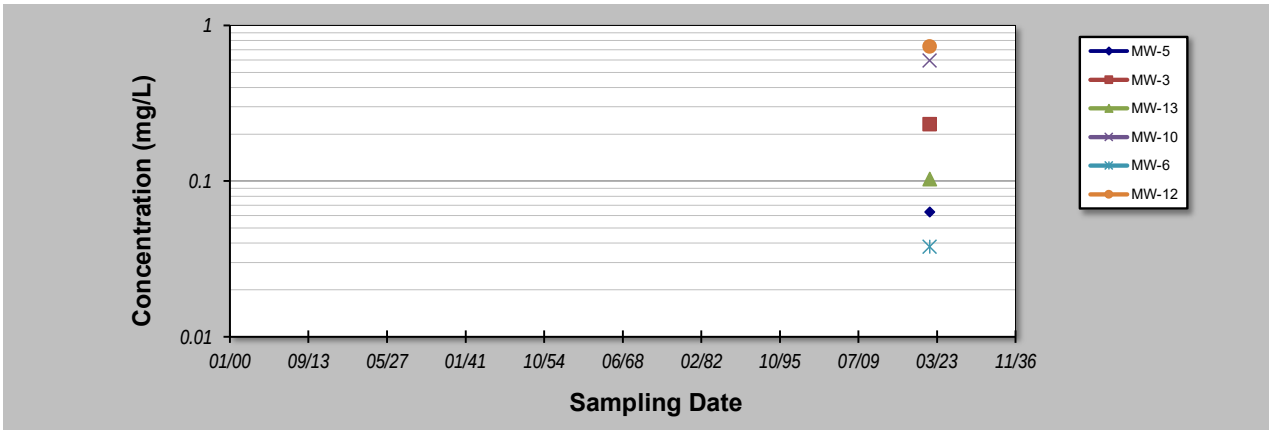
TABLE 15

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC

Job ID: AP-012
Constituent: Dissolved Iron (filtered)
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12	
Sampling Event	Sampling Date	DISSOLVED IRON (FILTERED) CONCENTRATION (mg/L)						
1	12/02/21	0.0632	0.232	0.103	0.595	0.0377	0.732	
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:

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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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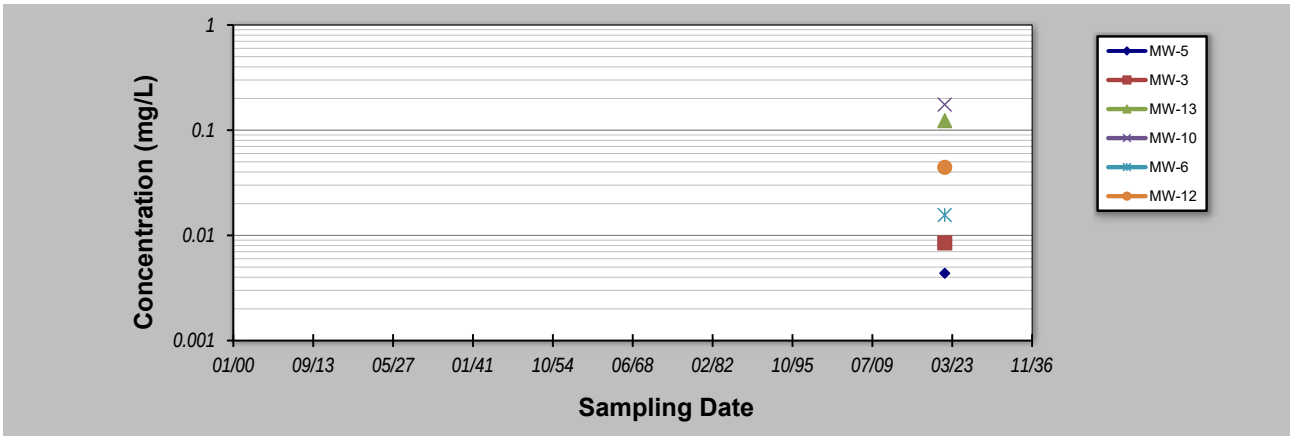
TABLE 16

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC
Job ID: AP-012
Constituent: Dissolved Manganese (filtered)
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12	
Sampling Event	Sampling Date	DISSOLVED MANGANESE (FILTERED) CONCENTRATION (mg/L)						
1	12/02/21	0.00436	0.00847	0.123	0.175	0.0156	0.0443	
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:

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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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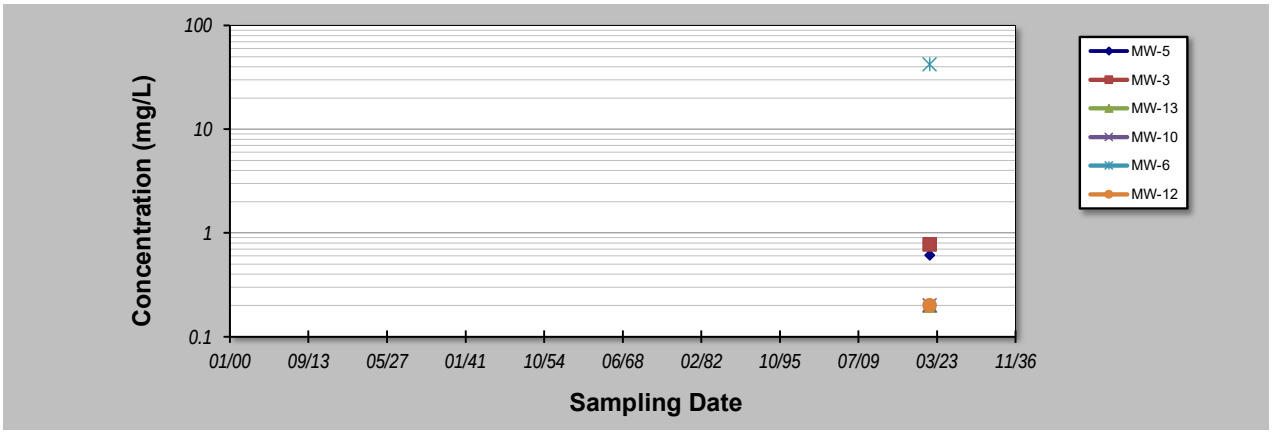
TABLE 17

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC

Job ID: AP-012
Constituent: Nitrate
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12	
Sampling Event	Sampling Date	NITRATE CONCENTRATION (mg/L)						
1	12/02/21	0.612	0.773	0.200	0.200	42.0	0.200	
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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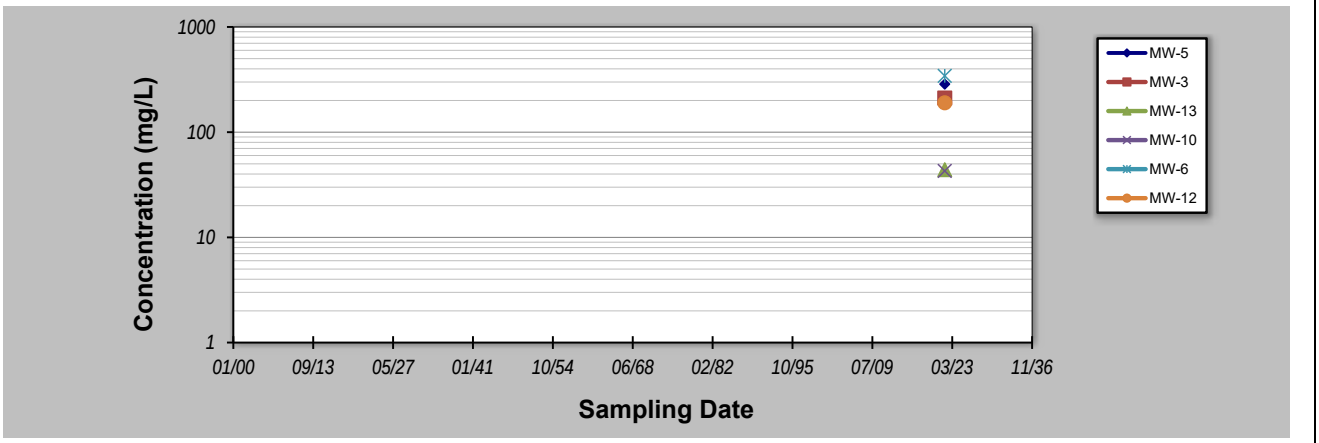
TABLE 18

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	01/01/22	Job ID:	AP-012
Facility Name:	TNM 98-05A	Constituent:	Sulfate
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12	
Sampling Event	Sampling Date	SULFATE CONCENTRATION (mg/L)						
1	12/02/21	286	211	44.0	42.8	343	190	
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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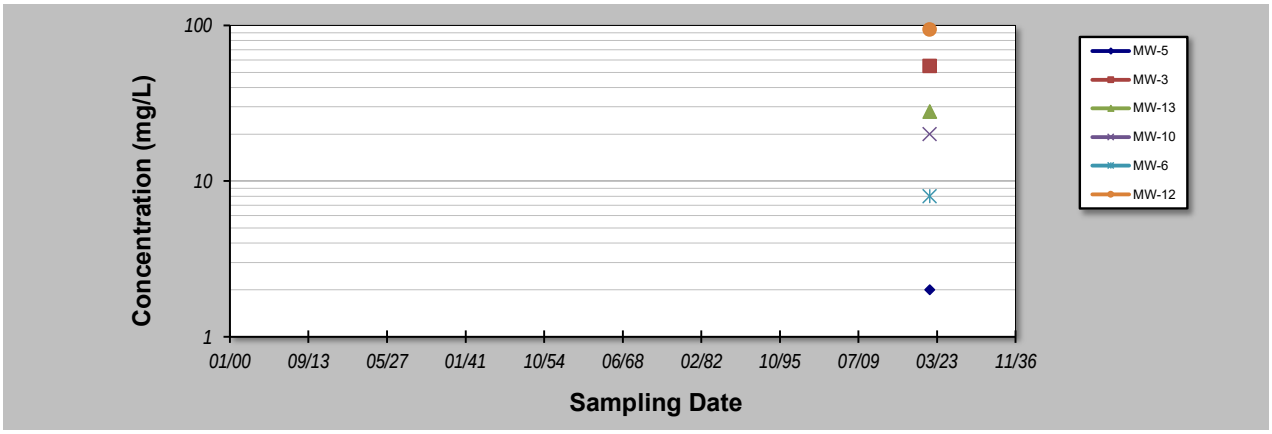
TABLE 19

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 01/01/22
Facility Name: TNM 98-05A
Conducted By: TRC

Job ID: AP-012
Constituent: Chemical Oxygen Demand (COD)
Concentration Units: mg/L

Sampling Point ID:	MW-5	MW-3	MW-13	MW-10	MW-6	MW-12	
Sampling Event	Sampling Date	CHEMICAL OXYGEN DEMAND (COD) CONCENTRATION (mg/L)						
1	12/02/21	2.00	55.0	28.0	20.0	8.00	94.0	
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: 98-05

Project Number: TNM 98-05

Location: None Given

Lab Order Number: 1B05005

NELAP/TCEQ # T104704516-17-8

Report Date: 02/25/21

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW12	1B05005-01	Water	02/04/21 12:54	02-05-2021 09:43
MW1	1B05005-02	Water	02/04/21 14:03	02-05-2021 09:43
MW2	1B05005-03	Water	02/04/21 14:35	02-05-2021 09:43
MW10	1B05005-04	Water	02/04/21 15:01	02-05-2021 09:43
MW13	1B05005-05	Water	02/04/21 15:50	02-05-2021 09:43

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW12

1B05005-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.00279**	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Toluene	ND	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*114 %*		*80-120*	*P1B0903*	*02/09/21*	*02/09/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*107 %*		*80-120*	*P1B0903*	*02/09/21*	*02/09/21*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM 98-05	
Midland TX, 79705	Project Manager: Curt Stanley	

MW1

1B05005-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0794**	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Toluene	**0.00871**	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Ethylbenzene	**0.00187**	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (p/m)	**0.00288**	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (o)	**0.00168**	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		*P1B0903*	*02/09/21*	*02/09/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*113 %*	*80-120*		*P1B0903*	*02/09/21*	*02/09/21*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM 98-05	
Midland TX, 79705	Project Manager: Curt Stanley	

MW2

1B05005-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.115**	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Toluene	**0.00898**	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Ethylbenzene	**0.0264**	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (p/m)	**0.0410**	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P1B0903*	*02/09/21*	*02/09/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*114 %*	*80-120*		*P1B0903*	*02/09/21*	*02/09/21*	*EPA 8021B*	

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW10

1B05005-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.329**	0.00500	mg/L	5	P1B0903	02/09/21	02/09/21	EPA 8021B	
Toluene	**0.0347**	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Ethylbenzene	**0.0922**	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (p/m)	**0.180**	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (o)	**0.0111**	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.9 %*	*80-120*		*P1B0903*	*02/09/21*	*02/09/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*111 %*	*80-120*		*P1B0903*	*02/09/21*	*02/09/21*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM 98-05	
Midland TX, 79705	Project Manager: Curt Stanley	

MW13

1B05005-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**1.05**	0.00500	mg/L	5	P1B0903	02/09/21	02/09/21	EPA 8021B	
Toluene	**0.0604**	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Ethylbenzene	**0.307**	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (p/m)	**0.374**	0.00200	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Xylene (o)	**0.0150**	0.00100	mg/L	1	P1B0903	02/09/21	02/09/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*80-120*		*P1B0903*	*02/09/21*	*02/09/21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P1B0903*	*02/09/21*	*02/09/21*	*EPA 8021B*	

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

Project: 98-05
Project Number: TNM 98-05
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 P1B0903 - * DEFAULT PREP *** **										
Blank (P1B0903-BLK1)				Prepared & Analyzed: 02/09/21						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.133*		"	*0.120*		*111*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.127*		"	*0.120*		*106*	*80-120*			
LCS (P1B0903-BS1)				Prepared & Analyzed: 02/09/21						
Benzene	0.0952	0.00100	mg/L	0.100		95.2	80-120			
Toluene	0.117	0.00200	"	0.100		117	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	*0.135*		"	*0.120*		*112*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.131*		"	*0.120*		*109*	*80-120*			
LCS Dup (P1B0903-BSD1)				Prepared & Analyzed: 02/09/21						
Benzene	0.0904	0.00100	mg/L	0.100		90.4	80-120	5.08	20	
Toluene	0.115	0.00200	"	0.100		115	80-120	1.79	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120	4.75	20	
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120	2.81	20	
Xylene (o)	0.115	0.00100	"	0.100		115	80-120	0.941	20	
Surrogate: 4-Bromofluorobenzene	*0.133*		"	*0.120*		*111*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.130*		"	*0.120*		*108*	*80-120*			
Calibration Check (P1B0903-CCV1)				Prepared & Analyzed: 02/09/21						
Benzene	0.0943	0.00100	mg/L	0.100		94.3	80-120			
Toluene	0.119	0.00200	"	0.100		119	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	*0.131*		"	*0.120*		*109*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.127*		"	*0.120*		*106*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05	Fax: (432) 520-7701
10 Desta Dr STE 150E	Project Number: TNM 98-05	
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 P1B0903 - * DEFAULT PREP *** **										
Calibration Check (P1B0903-CCV2)				Prepared & Analyzed: 02/09/21						
Benzene	0.0912	0.00100	mg/L	0.100		91.2	80-120			
Toluene	0.117	0.00200	"	0.100		117	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.237	0.00200	"	0.200		119	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	*0.135*		"	*0.120*		*112*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.127*		"	*0.120*		*106*	*80-120*			
Matrix Spike (P1B0903-MS1)		**Source: 1B02003-01**		Prepared & Analyzed: 02/09/21						
Benzene	0.0912	0.00100	mg/L	0.100	ND	91.2	80-120			
Toluene	0.118	0.00200	"	0.100	0.000930	117	80-120			
Ethylbenzene	0.116	0.00100	"	0.100	ND	116	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200	ND	120	80-120			
Xylene (o)	0.119	0.00100	"	0.100	ND	119	80-120			
Surrogate: 4-Bromofluorobenzene	*0.137*		"	*0.120*		*114*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		"	*0.120*		*110*	*80-120*			
Matrix Spike Dup (P1B0903-MSD1)		**Source: 1B02003-01**		Prepared & Analyzed: 02/09/21						
Benzene	0.0903	0.00100	mg/L	0.100	ND	90.3	80-120	0.970	20	
Toluene	0.116	0.00200	"	0.100	0.000930	115	80-120	2.16	20	
Ethylbenzene	0.113	0.00100	"	0.100	ND	113	80-120	3.19	20	
Xylene (p/m)	0.236	0.00200	"	0.200	ND	118	80-120	1.57	20	
Xylene (o)	0.117	0.00100	"	0.100	ND	117	80-120	1.28	20	
Surrogate: 4-Bromofluorobenzene	*0.132*		"	*0.120*		*110*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.127*		"	*0.120*		*106*	*80-120*			

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

Project: 98-05
Project Number: TNM 98-05
Project Manager: Curt Stanley

Fax: (432) 520-7701

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: 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:
e-mail:

Project Name: 98-05
Project #:
Project Loc:
PO #:
Report Format: ☑ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 1005005

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: TPH: TX 1005	TOTAL: TX 1005	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 12			2-4-21	1254		4	X		X						GW				X		X
2	MW 1				1403																	
3	MW 2				1435																	
4	MW 10				1501																	
5	MW 13				1550																	

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	2-5-21	9:43			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	2/5/21	9:43

Laboratory Comments:

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

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 3.1 °C
Adjusted 3.1 °C Factor +0

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: 98-05
Project Number: TNM 98-05
Location:

Lab Order Number: 1F18001

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 06/21/21

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW8	1F18001-01	Water	06/17/21 11:20	06-18-2021 08:37
MW6	1F18001-02	Water	06/17/21 11:41	06-18-2021 08:37
MW12	1F18001-03	Water	06/17/21 12:20	06-18-2021 08:37
MW1	1F18001-04	Water	06/17/21 12:48	06-18-2021 08:37
MW2	1F18001-05	Water	06/17/21 13:15	06-18-2021 08:37
MW10	1F18001-06	Water	06/17/21 13:37	06-18-2021 08:37
MW13	1F18001-07	Water	06/17/21 14:28	06-18-2021 08:37

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW8

1F18001-01 (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	P1F1802	06/18/21 09:45	06/18/21 20:56	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 20:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 20:56	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 20:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 20:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.9 %*		*80-120*	*P1F1802*	*06/18/21 09:45*	*06/18/21 20:56*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*		*80-120*	*P1F1802*	*06/18/21 09:45*	*06/18/21 20:56*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW6

1F18001-02 (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	P1F1802	06/18/21 09:45	06/18/21 21:17	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:17	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:17	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:17	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 21:17*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 21:17*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW12

1F18001-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00111**	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:38	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 21:38*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 21:38*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW1

1F18001-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0440**	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:59	EPA 8021B	
Toluene	**0.00185**	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 21:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 21:59*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.2 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 21:59*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW2

1F18001-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.100**	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 22:20	EPA 8021B	
Toluene	**0.00376**	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 22:20	EPA 8021B	
Ethylbenzene	**0.0120**	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 22:20	EPA 8021B	
Xylene (p/m)	**0.0320**	0.00200	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 22:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1802	06/18/21 09:45	06/18/21 22:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 22:20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.1 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 22:20*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW10

1F18001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.524**	0.00500	mg/L	5	P1F1802	06/18/21 09:45	06/18/21 22:41	EPA 8021B	
Toluene	**0.0360**	0.00500	mg/L	5	P1F1802	06/18/21 09:45	06/18/21 22:41	EPA 8021B	
Ethylbenzene	**0.0850**	0.00500	mg/L	5	P1F1802	06/18/21 09:45	06/18/21 22:41	EPA 8021B	
Xylene (p/m)	**0.330**	0.0100	mg/L	5	P1F1802	06/18/21 09:45	06/18/21 22:41	EPA 8021B	
Xylene (o)	**0.0200**	0.00500	mg/L	5	P1F1802	06/18/21 09:45	06/18/21 22:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 22:41*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.7 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 22:41*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW13

1F18001-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**5.13**	0.0500	mg/L	50	P1F1802	06/18/21 09:45	06/21/21 10:12	EPA 8021B	
Toluene	**0.0127**	0.0100	mg/L	10	P1F1802	06/18/21 09:45	06/18/21 23:01	EPA 8021B	
Ethylbenzene	**0.359**	0.0100	mg/L	10	P1F1802	06/18/21 09:45	06/18/21 23:01	EPA 8021B	
Xylene (p/m)	**0.368**	0.0200	mg/L	10	P1F1802	06/18/21 09:45	06/18/21 23:01	EPA 8021B	
Xylene (o)	**0.0203**	0.0100	mg/L	10	P1F1802	06/18/21 09:45	06/18/21 23:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 23:01*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.7 %*	*80-120*		*P1F1802*	*06/18/21 09:45*	*06/18/21 23:01*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
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 P1F1802 - * DEFAULT PREP *** **										
Blank (P1F1802-BLK1)				Prepared & Analyzed: 06/18/21						
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	*0.115*		"	*0.120*		*95.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*102*	*80-120*			
LCS (P1F1802-BS1)				Prepared & Analyzed: 06/18/21						
Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.194	0.00200	"	0.200		96.9	80-120			
Xylene (o)	0.0978	0.00100	"	0.100		97.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.3*	*80-120*			
LCS Dup (P1F1802-BSD1)				Prepared & Analyzed: 06/18/21						
Benzene	0.111	0.00100	mg/L	0.100		111	80-120	2.44	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	1.93	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120	1.92	20	
Xylene (p/m)	0.196	0.00200	"	0.200		98.2	80-120	1.35	20	
Xylene (o)	0.0995	0.00100	"	0.100		99.5	80-120	1.73	20	
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.6*	*80-120*			
Calibration Blank (P1F1802-CCB1)				Prepared & Analyzed: 06/18/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
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 P1F1802 - * DEFAULT PREP *** **										
Calibration Blank (P1F1802-CCB2)				Prepared & Analyzed: 06/18/21						
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*		*96.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Calibration Blank (P1F1802-CCB3)				Prepared: 06/18/21 Analyzed: 06/19/21						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*96.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Calibration Check (P1F1802-CCV1)				Prepared & Analyzed: 06/18/21						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.191	0.00200	"	0.200		95.6	80-120			
Xylene (o)	0.0974	0.00100	"	0.100		97.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*99.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.6*	*80-120*			
Calibration Check (P1F1802-CCV2)				Prepared & Analyzed: 06/18/21						
Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.4	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*98.8*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
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 P1F1802 - * DEFAULT PREP *** **										
Calibration Check (P1F1802-CCV3)				Prepared: 06/18/21 Analyzed: 06/19/21						
Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		95.8	80-120			
Xylene (o)	0.0976	0.00100	"	0.100		97.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.3*	*80-120*			
Matrix Spike (P1F1802-MS1)		**Source: 1F17003-01**		Prepared & Analyzed: 06/18/21						
Benzene	0.120	0.00100	mg/L	0.100	ND	120	80-120			
Toluene	0.115	0.00100	"	0.100	ND	115	80-120			
Ethylbenzene	0.116	0.00100	"	0.100	ND	116	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200	ND	106	80-120			
Xylene (o)	0.106	0.00100	"	0.100	ND	106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*99.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.1*	*80-120*			
Matrix Spike Dup (P1F1802-MSD1)		**Source: 1F17003-01**		Prepared: 06/18/21 Analyzed: 06/19/21						
Benzene	0.115	0.00100	mg/L	0.100	ND	115	80-120	4.28	20	
Toluene	0.110	0.00100	"	0.100	ND	110	80-120	3.87	20	
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120	3.69	20	
Xylene (p/m)	0.205	0.00200	"	0.200	ND	103	80-120	3.28	20	
Xylene (o)	0.103	0.00100	"	0.100	ND	103	80-120	3.15	20	
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
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: 6/21/2021

Brent Barron, Laboratory Director/Technical Director

L TB CK MD

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: e-mail:

Project Name: 98-05
Project #:
Project Loc:
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1F18001

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: 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 8			6-17-21	1120			X		X						GW					X		X
2	MW 6				1141																		
3	MW 12				1220																		
4	MW 1				1248																		
5	MW 2				1315																		
6	MW 10				1337																		
7	MW 13				1428																		

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	6-18-21	837			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date 6-18-21	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. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

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

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

PBELAB

Analytical Report

Prepared for:

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

Project: 98-05
Project Number: TNM 98-05
Location:

Lab Order Number: 1I29001

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 10/08/21

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW12	1I29001-01	Water	09/24/21 18:48	09-29-2021 07:58
MW1	1I29001-02	Water	09/24/21 13:19	09-29-2021 07:58
MW2	1I29001-03	Water	09/24/21 13:40	09-29-2021 07:58
MW10	1I29001-04	Water	09/24/21 14:10	09-29-2021 07:58
MW13	1I29001-05	Water	09/24/21 15:11	09-29-2021 07:58

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW12

1I29001-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.00214**	0.00100	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:01	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:01	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:01	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*80-120*		*P1I3003*	*09/30/21 15:07*	*09/30/21 18:01*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P1I3003*	*09/30/21 15:07*	*09/30/21 18:01*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW1

1I29001-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0582**	0.00100	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:22	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:22	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:22	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*80-120*		*P1I3003*	*09/30/21 15:07*	*09/30/21 18:22*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*80-120*		*P1I3003*	*09/30/21 15:07*	*09/30/21 18:22*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW2

1I29001-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.562**	0.00500	mg/L	5	P1I3003	09/30/21 15:07	10/01/21 11:10	EPA 8021B	
Toluene	**0.0426**	0.00100	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:42	EPA 8021B	
Ethylbenzene	**0.0602**	0.00100	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:42	EPA 8021B	
Xylene (p/m)	**0.217**	0.00200	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:42	EPA 8021B	
Xylene (o)	**0.0329**	0.00100	mg/L	1	P1I3003	09/30/21 15:07	09/30/21 18:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	*80.4 %*		*80-120*		*P1I3003*	*09/30/21 15:07*	*09/30/21 18:42*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene	*93.3 %*		*80-120*		*P1I3003*	*09/30/21 15:07*	*09/30/21 18:42*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW10

1I29001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.181**	0.00500	mg/L	5	P1I3003	09/30/21 15:07	09/30/21 19:03	EPA 8021B	
Toluene	**0.0158**	0.00500	mg/L	5	P1I3003	09/30/21 15:07	09/30/21 19:03	EPA 8021B	
Ethylbenzene	**0.0213**	0.00500	mg/L	5	P1I3003	09/30/21 15:07	09/30/21 19:03	EPA 8021B	
Xylene (p/m)	**0.0894**	0.0100	mg/L	5	P1I3003	09/30/21 15:07	09/30/21 19:03	EPA 8021B	
Xylene (o)	**0.00665**	0.00500	mg/L	5	P1I3003	09/30/21 15:07	09/30/21 19:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P1I3003*	*09/30/21 15:07*	*09/30/21 19:03*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.2 %*	*80-120*		*P1I3003*	*09/30/21 15:07*	*09/30/21 19:03*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
Midland TX, 79705	Project Manager: Curt Stanley

MW13

1I29001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**5.99**	0.0500	mg/L	50	P1I3003	09/30/21 15:07	10/01/21 11:31	EPA 8021B	
Toluene	**0.0198**	0.0100	mg/L	10	P1I3003	09/30/21 15:07	09/30/21 19:24	EPA 8021B	
Ethylbenzene	**0.724**	0.0100	mg/L	10	P1I3003	09/30/21 15:07	09/30/21 19:24	EPA 8021B	
Xylene (p/m)	**0.723**	0.0200	mg/L	10	P1I3003	09/30/21 15:07	09/30/21 19:24	EPA 8021B	
Xylene (o)	**0.0127**	0.0100	mg/L	10	P1I3003	09/30/21 15:07	09/30/21 19:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P1I3003*	*09/30/21 15:07*	*09/30/21 19:24*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.5 %*	*80-120*		*P1I3003*	*09/30/21 15:07*	*09/30/21 19:24*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
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 P1I3003 - * DEFAULT PREP *** **										
Blank (P1I3003-BLK1)				Prepared & Analyzed: 09/30/21						
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	*0.117*		"	*0.120*		*97.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
LCS (P1I3003-BS1)				Prepared & Analyzed: 09/30/21						
Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0987	0.00100	"	0.100		98.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.110*		"	*0.120*		*92.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*94.3*	*80-120*			
LCS Dup (P1I3003-BSD1)				Prepared & Analyzed: 09/30/21						
Benzene	0.110	0.00100	mg/L	0.100		110	80-120	0.875	20	
Toluene	0.112	0.00100	"	0.100		112	80-120	0.413	20	
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120	0.456	20	
Xylene (p/m)	0.203	0.00200	"	0.200		102	80-120	0.968	20	
Xylene (o)	0.0988	0.00100	"	0.100		98.8	80-120	0.163	20	
Surrogate: 4-Bromofluorobenzene	*0.110*		"	*0.120*		*91.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		"	*0.120*		*93.8*	*80-120*			
Calibration Check (P1I3003-CCV1)				Prepared & Analyzed: 09/30/21						
Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*93.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*94.4*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
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 P1I3003 - * DEFAULT PREP *** **										
Calibration Check (P1I3003-CCV2)				Prepared & Analyzed: 09/30/21						
Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0998	0.00100	"	0.100		99.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*90.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		"	*0.120*		*93.8*	*80-120*			
Calibration Check (P1I3003-CCV3)				Prepared: 09/30/21 Analyzed: 10/01/21						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.194	0.00200	"	0.200		97.2	80-120			
Xylene (o)	0.0944	0.00100	"	0.100		94.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*93.8*	*80-120*			
Matrix Spike (P1I3003-MS1)		**Source: 1I29001-01**		Prepared: 09/30/21 Analyzed: 10/01/21						
Benzene	0.121	0.00100	mg/L	0.100	0.00214	119	80-120			
Toluene	0.120	0.00100	"	0.100	ND	120	80-120			
Ethylbenzene	0.114	0.00100	"	0.100	ND	114	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200	ND	109	80-120			
Xylene (o)	0.108	0.00100	"	0.100	ND	108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.110*		"	*0.120*		*91.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		"	*0.120*		*93.5*	*80-120*			
Matrix Spike Dup (P1I3003-MSD1)		**Source: 1I29001-01**		Prepared: 09/30/21 Analyzed: 10/01/21						
Benzene	0.107	0.00100	mg/L	0.100	0.00214	104	80-120	13.3	20	
Toluene	0.106	0.00100	"	0.100	ND	106	80-120	12.4	20	
Ethylbenzene	0.102	0.00100	"	0.100	ND	102	80-120	10.8	20	
Xylene (p/m)	0.196	0.00200	"	0.200	ND	98.1	80-120	10.4	20	
Xylene (o)	0.0965	0.00100	"	0.100	ND	96.5	80-120	11.3	20	
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		"	*0.120*		*92.7*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05
10 Desta Dr STE 150E	Project Number: TNM 98-05
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: 10/8/2021

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

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: e-mail:

Project Name: 98-05
Project #:
Project Loc:
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only) ORDER #: 129001

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 12			9-24	1248			X		X						GW						X		X
2	MW 1				1319																			
3	MW 2				1340																			
4	MW 10				1410																			
5	MW 13				1511																			

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	9-23-21	7:58			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	9/24/21	7:58

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on containers? 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 Sta
Temperature Upon Receipt:
Received: 14.9 °C
Adjusted: 5.9 °C Factor 1 L2

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: 98-05A_MNA
Project Number: TNM 98-05A
Location: Lea County New Mexico

Lab Order Number: 1L03001

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 12/30/21

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	1L03001-01	Water	12/02/21 19:09	12-03-2021 07:52
MW-6	1L03001-02	Water	12/02/21 20:48	12-03-2021 07:52
MW-12	1L03001-03	Water	12/02/21 21:41	12-03-2021 07:52
MW-3	1L03001-04	Water	12/02/21 20:00	12-03-2021 07:52
MW-10	1L03001-05	Water	12/02/21 22:30	12-03-2021 07:52
MW-13	1L03001-06	Water	12/02/21 23:12	12-03-2021 07:52

TOC, RSK-175, and LL PAH 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: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
Midland TX, 79705	Project Manager: Curt Stanley

MW-5

1L03001-01 (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	P1L0603	12/06/21 11:45	12/07/21 07:59	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0603	12/06/21 11:45	12/07/21 07:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0603	12/06/21 11:45	12/07/21 07:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0603	12/06/21 11:45	12/07/21 07:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0603	12/06/21 11:45	12/07/21 07:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.9 %*	*80-120*		*P1L0603*	*12/06/21 11:45*	*12/07/21 07:59*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*80-120*		*P1L0603*	*12/06/21 11:45*	*12/07/21 07:59*	*EPA 8021B*	
Methane	**0.00177**	0.000500	mg/L	1	P1L2703	12/10/21 10:10	12/10/21 10:10	8015M	SUB-13
Ethane	**0.00147**	0.00100	mg/L	1	P1L2703	12/10/21 10:10	12/10/21 10:10	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L2703	12/10/21 10:10	12/10/21 10:10	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**2.00**	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	**0.612**	0.200	mg/L	1	P1L0305	12/03/21 11:06	12/03/21 12:52	EPA 300.0	
Sulfate	**286**	5.00	mg/L	5	P1L0605	12/06/21 12:58	12/06/21 16:15	EPA 300.0	
Total Organic Carbon	**2.25**	1.00	mg/L	1	P1L2703	12/11/21 04:22	12/11/21 04:22	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.0632**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:25	EPA 6010B	QAL1
Manganese	**0.00436**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:25	EPA 6010B	QAL1, J

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
Midland TX, 79705	Project Manager: Curt Stanley

MW-6

1L03001-02 (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	P1L0603	12/06/21 11:45	12/07/21 08:20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0603	12/06/21 11:45	12/07/21 08:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0603	12/06/21 11:45	12/07/21 08:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0603	12/06/21 11:45	12/07/21 08:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0603	12/06/21 11:45	12/07/21 08:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*80-120*		*P1L0603*	*12/06/21 11:45*	*12/07/21 08:20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.4 %*	*80-120*		*P1L0603*	*12/06/21 11:45*	*12/07/21 08:20*	*EPA 8021B*	
Methane	**0.126**	0.00500	mg/L	1	P1L2703	12/10/21 10:28	12/10/21 14:11	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L2703	12/10/21 10:28	12/10/21 10:28	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L2703	12/10/21 10:28	12/10/21 10:28	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**8.00**	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	**42.0**	0.200	mg/L	1	P1L0305	12/03/21 11:06	12/03/21 13:49	EPA 300.0	
Sulfate	**343**	10.0	mg/L	10	P1L0605	12/06/21 12:58	12/06/21 17:12	EPA 300.0	
Total Organic Carbon	**3.99**	1.00	mg/L	1	P1L2703	12/11/21 05:27	12/11/21 05:27	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.0377**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:29	EPA 6010B	QAL1
Manganese	**0.0156**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:29	EPA 6010B	J, QAL1

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
Midland TX, 79705	Project Manager: Curt Stanley

MW-12

1L03001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 12:25	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 12:25	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 12:25	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 12:25	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 12:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*80-120*		*P1L0805*	*12/08/21 09:36*	*12/08/21 12:25*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.4 %*	*80-120*		*P1L0805*	*12/08/21 09:36*	*12/08/21 12:25*	*EPA 8021B*	
Methane	**0.243**	0.00500	mg/L	1	P1L2703	12/10/21 10:39	12/10/21 14:20	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L2703	12/10/21 10:39	12/10/21 10:39	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L2703	12/10/21 10:39	12/10/21 10:39	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**94.0**	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	P1L0305	12/03/21 11:06	12/03/21 14:08	EPA 300.0	
Sulfate	**190**	5.00	mg/L	5	P1L0605	12/06/21 12:58	12/06/21 17:31	EPA 300.0	
Total Organic Carbon	**3.34**	1.00	mg/L	1	P1L2703	12/11/21 05:43	12/11/21 05:43	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.732**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:33	EPA 6010B	QAL1
Manganese	**0.0443**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:33	EPA 6010B	QAL1

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
Midland TX, 79705	Project Manager: Curt Stanley

MW-3

1L03001-04 (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	P1L0805	12/08/21 09:36	12/08/21 12:46	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 12:46	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 12:46	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 12:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 12:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.9 %*	*80-120*		*P1L0805*	*12/08/21 09:36*	*12/08/21 12:46*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.2 %*	*80-120*		*P1L0805*	*12/08/21 09:36*	*12/08/21 12:46*	*EPA 8021B*	
Methane	**0.00149**	0.000500	mg/L	1	P1L2703	12/10/21 10:47	12/10/21 10:47	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L2703	12/10/21 10:47	12/10/21 10:47	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L2703	12/10/21 10:47	12/10/21 10:47	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**55.0**	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	**0.773**	0.200	mg/L	1	P1L0305	12/03/21 11:06	12/03/21 14:27	EPA 300.0	
Sulfate	**211**	5.00	mg/L	5	P1L0605	12/06/21 12:58	12/06/21 17:50	EPA 300.0	
Total Organic Carbon	**2.20**	1.00	mg/L	1	P1L2703	12/11/21 05:58	12/11/21 05:58	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.232**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:37	EPA 6010B	QAL1
Manganese	**0.00847**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:37	EPA 6010B	J, QAL1
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Acenaphthene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Dibenzofuran	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Fluorene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:22	8270C	SUB-13

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
Midland TX, 79705	Project Manager: Curt Stanley

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1L03001-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0732**	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 10:21	EPA 8021B	
Toluene	**0.00269**	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 10:21	EPA 8021B	
Ethylbenzene	**0.00252**	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 10:21	EPA 8021B	
Xylene (p/m)	**0.00745**	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 10:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 10:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*80-120*		*P1L0805*	*12/08/21 09:36*	*12/09/21 10:21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.7 %*	*80-120*		*P1L0805*	*12/08/21 09:36*	*12/09/21 10:21*	*EPA 8021B*	
Methane	**3.31**	0.0500	mg/L	1	P1L2703	12/10/21 10:56	12/10/21 14:29	8015M	SUB-13
Ethane	**0.0128**	0.00100	mg/L	1	P1L2703	12/10/21 10:56	12/10/21 10:56	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L2703	12/10/21 10:56	12/10/21 10:56	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**20.0**	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	P1L0305	12/03/21 11:06	12/03/21 14:46	EPA 300.0	
Sulfate	**42.8**	1.00	mg/L	1	P1L0605	12/06/21 12:58	12/06/21 18:09	EPA 300.0	
Total Organic Carbon	**6.58**	1.00	mg/L	1	P1L2703	12/11/21 06:15	12/11/21 06:15	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.595**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:49	EPA 6010B	QAL1
Manganese	**0.175**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:49	EPA 6010B	QAL1
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.0082**	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
2-Methylnaphthalene	**0.0035**	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Acenaphthene	**0.0011**	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Acenaphthylene	**0.00035**	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Dibenzofuran	**0.0026**	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Fluorene	**0.0011**	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Naphthalene	**0.0066**	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Phenanthrene	**0.0013**	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2703	12/08/21 16:00	12/21/21 19:42	8270C	SUB-13

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
Midland TX, 79705	Project Manager: Curt Stanley

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1L03001-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**3.86**	0.0100	mg/L	10	P1L0805	12/08/21 09:36	12/08/21 13:29	EPA 8021B	
Toluene	**0.00159**	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 10:42	EPA 8021B	
Ethylbenzene	**0.0477**	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 10:42	EPA 8021B	
Xylene (p/m)	**0.0195**	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 10:42	EPA 8021B	
Xylene (o)	**0.00201**	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 10:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.6 %*	*80-120*		*P1L0805*	*12/08/21 09:36*	*12/09/21 10:42*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P1L0805*	*12/08/21 09:36*	*12/09/21 10:42*	*EPA 8021B*	
Methane	**3.32**	0.0500	mg/L	1	P1L2703	12/10/21 11:05	12/10/21 14:38	8015M	SUB-13
Ethane	**0.00851**	0.00100	mg/L	1	P1L2703	12/10/21 11:05	12/10/21 11:05	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L2703	12/10/21 11:05	12/10/21 11:05	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**28.0**	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	P1L0305	12/03/21 11:06	12/03/21 15:05	EPA 300.0	
Sulfate	**44.0**	1.00	mg/L	1	P1L0605	12/06/21 12:58	12/06/21 18:28	EPA 300.0	
Total Organic Carbon	**7.05**	1.00	mg/L	1	P1L2703	12/12/21 03:21	12/12/21 03:21	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	**0.103**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:53	EPA 6010B	QAL1
Manganese	**0.123**	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:53	EPA 6010B	QAL1

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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 P1L0603 - * DEFAULT PREP *** **										
Blank (P1L0603-BLK1)				Prepared: 12/06/21 Analyzed: 12/07/21						
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	*0.117*		"	*0.120*		*97.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.3*	*80-120*			
LCS (P1L0603-BS1)				Prepared & Analyzed: 12/06/21						
Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.221	0.00200	"	0.200		110	80-120			
Xylene (o)	0.0973	0.00100	"	0.100		97.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.9*	*80-120*			
LCS Dup (P1L0603-BSD1)				Prepared: 12/06/21 Analyzed: 12/07/21						
Benzene	0.105	0.00100	mg/L	0.100		105	80-120	0.409	20	
Toluene	0.103	0.00100	"	0.100		103	80-120	0.858	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120	1.89	20	
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120	1.63	20	
Xylene (o)	0.0993	0.00100	"	0.100		99.3	80-120	2.05	20	
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.4*	*80-120*			
Calibration Blank (P1L0603-CCB1)				Prepared & Analyzed: 12/06/21						
Benzene	0.120		mg/L							
Toluene	0.170		"							
Ethylbenzene	0.220		"							
Xylene (p/m)	0.460		"							
Xylene (o)	0.240		"							
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.5*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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 P1L0603 - * DEFAULT PREP *** **										
Calibration Blank (P1L0603-CCB2)				Prepared: 12/06/21 Analyzed: 12/07/21						
Benzene	0.0900		mg/L							
Toluene	0.100		"							
Ethylbenzene	0.130		"							
Xylene (p/m)	0.310		"							
Xylene (o)	0.140		"							
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*95.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.4*	*80-120*			
Calibration Blank (P1L0603-CCB3)				Prepared: 12/06/21 Analyzed: 12/07/21						
Benzene	0.130		mg/L							
Toluene	0.150		"							
Ethylbenzene	0.240		"							
Xylene (p/m)	0.670		"							
Xylene (o)	0.320		"							
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.4*	*80-120*			
Calibration Check (P1L0603-CCV1)				Prepared & Analyzed: 12/06/21						
Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.8*	*80-120*			
Calibration Check (P1L0603-CCV2)				Prepared: 12/06/21 Analyzed: 12/07/21						
Benzene	0.0990	0.00100	mg/L	0.100		99.0	80-120			
Toluene	0.0956	0.00100	"	0.100		95.6	80-120			
Ethylbenzene	0.0965	0.00100	"	0.100		96.5	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0915	0.00100	"	0.100		91.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.0*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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 P1L0603 - * DEFAULT PREP *** **										
Calibration Check (P1L0603-CCV3)				Prepared: 12/06/21 Analyzed: 12/07/21						
Benzene	0.0994	0.00100	mg/L	0.100		99.4	80-120			
Toluene	0.0971	0.00100	"	0.100		97.1	80-120			
Ethylbenzene	0.0968	0.00100	"	0.100		96.8	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0926	0.00100	"	0.100		92.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*99.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*98.8*	*80-120*			
Matrix Spike (P1L0603-MS1)		**Source: 1L02011-06**		Prepared: 12/06/21 Analyzed: 12/07/21						
Benzene	0.111	0.00100	mg/L	0.100	ND	111	80-120			
Toluene	0.110	0.00100	"	0.100	ND	110	80-120			
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200	ND	117	80-120			
Xylene (o)	0.104	0.00100	"	0.100	ND	104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.4*	*80-120*			
Matrix Spike Dup (P1L0603-MSD1)		**Source: 1L02011-06**		Prepared: 12/06/21 Analyzed: 12/07/21						
Benzene	0.0998	0.00100	mg/L	0.100	ND	99.8	80-120	10.9	20	
Toluene	0.0974	0.00100	"	0.100	ND	97.4	80-120	12.2	20	
Ethylbenzene	0.107	0.00100	"	0.100	ND	107	80-120	8.84	20	
Xylene (p/m)	0.210	0.00200	"	0.200	ND	105	80-120	11.0	20	
Xylene (o)	0.0918	0.00100	"	0.100	ND	91.8	80-120	12.8	20	
Surrogate: 4-Bromofluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.6*	*80-120*			
Batch P1L0805 - * DEFAULT PREP *** **										
Blank (P1L0805-BLK1)				Prepared & Analyzed: 12/08/21						
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	*0.117*		"	*0.120*		*97.6*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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 P1L0805 - * DEFAULT PREP *** **										
LCS (P1L0805-BS1)				Prepared & Analyzed: 12/08/21						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.0963	0.00100	"	0.100		96.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*99.7*	*80-120*			
LCS Dup (P1L0805-BSD1)				Prepared & Analyzed: 12/08/21						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120	3.70	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	4.57	20	
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120	3.95	20	
Xylene (p/m)	0.227	0.00200	"	0.200		113	80-120	3.97	20	
Xylene (o)	0.0995	0.00100	"	0.100		99.5	80-120	3.29	20	
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.1*	*80-120*			
Calibration Blank (P1L0805-CCB1)				Prepared & Analyzed: 12/08/21						
Benzene	0.0900		mg/L							
Toluene	0.160		"							
Ethylbenzene	0.170		"							
Xylene (p/m)	0.440		"							
Xylene (o)	0.300		"							
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*99.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Calibration Blank (P1L0805-CCB2)				Prepared & Analyzed: 12/08/21						
Benzene	0.160		mg/L							
Toluene	0.170		"							
Ethylbenzene	0.220		"							
Xylene (p/m)	0.500		"							
Xylene (o)	0.380		"							
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.8*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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 P1L0805 - * DEFAULT PREP *** **										
Calibration Blank (P1L0805-CCB3)				Prepared & Analyzed: 12/08/21						
Benzene	0.120		mg/L							
Toluene	0.200		"							
Ethylbenzene	0.290		"							
Xylene (p/m)	0.560		"							
Xylene (o)	0.300		"							
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.2*	*80-120*			
Calibration Check (P1L0805-CCV1)				Prepared & Analyzed: 12/08/21						
Benzene	0.0991	0.00100	mg/L	0.100		99.1	80-120			
Toluene	0.0975	0.00100	"	0.100		97.5	80-120			
Ethylbenzene	0.0990	0.00100	"	0.100		99.0	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0918	0.00100	"	0.100		91.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.3*	*80-120*			
Calibration Check (P1L0805-CCV2)				Prepared & Analyzed: 12/08/21						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0970	0.00100	"	0.100		97.0	80-120			
Ethylbenzene	0.0985	0.00100	"	0.100		98.5	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0924	0.00100	"	0.100		92.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*80-120*			
Calibration Check (P1L0805-CCV3)				Prepared & Analyzed: 12/08/21						
Benzene	0.0986	0.00100	mg/L	0.100		98.6	80-120			
Toluene	0.0943	0.00100	"	0.100		94.3	80-120			
Ethylbenzene	0.0959	0.00100	"	0.100		95.9	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0901	0.00100	"	0.100		90.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.5*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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 P1L0805 - * DEFAULT PREP *** **										
Matrix Spike (P1L0805-MS1)	**Source: 1L03001-04**			Prepared & Analyzed: 12/08/21						
Benzene	0.112	0.00100	mg/L	0.100	ND	112	80-120			
Toluene	0.108	0.00100	"	0.100	ND	108	80-120			
Ethylbenzene	0.119	0.00100	"	0.100	ND	119	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200	ND	116	80-120			
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*99.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*98.8*	*80-120*			
Matrix Spike Dup (P1L0805-MSD1)	**Source: 1L03001-04**			Prepared & Analyzed: 12/08/21						
Benzene	0.100	0.00100	mg/L	0.100	ND	100	80-120	11.1	20	
Toluene	0.0958	0.00100	"	0.100	ND	95.8	80-120	11.6	20	
Ethylbenzene	0.106	0.00100	"	0.100	ND	106	80-120	11.9	20	
Xylene (p/m)	0.206	0.00200	"	0.200	ND	103	80-120	11.4	20	
Xylene (o)	0.0912	0.00100	"	0.100	ND	91.2	80-120	10.7	20	
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.0*	*80-120*			

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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 P1L0305 - * DEFAULT PREP *** **										
Blank (P1L0305-BLK1)				Prepared & Analyzed: 12/03/21						
Nitrate as N	ND	0.200	mg/L							
LCS (P1L0305-BS1)				Prepared & Analyzed: 12/03/21						
Nitrate as N	3.68	0.200	mg/L	4.00		92.0	90-110			
LCS Dup (P1L0305-BSD1)				Prepared & Analyzed: 12/03/21						
Nitrate as N	3.68	0.200	mg/L	4.00		91.9	90-110	0.163	10	
Calibration Blank (P1L0305-CCB1)				Prepared & Analyzed: 12/03/21						
Nitrate as N	0.00		mg/L							
Calibration Check (P1L0305-CCV1)				Prepared & Analyzed: 12/03/21						
Nitrate as N	1.94		mg/L	2.00		97.0	90-110			
Matrix Spike (P1L0305-MS1)		**Source: 1L03001-01**		Prepared & Analyzed: 12/03/21						
Nitrate as N	1.52	0.200	mg/L	1.00	0.612	91.1	80-120			
Matrix Spike Dup (P1L0305-MSD1)		**Source: 1L03001-01**		Prepared & Analyzed: 12/03/21						
Nitrate as N	1.52	0.200	mg/L	1.00	0.612	91.2	80-120	0.0656	20	
Batch P1L0605 - * DEFAULT PREP *** **										
Blank (P1L0605-BLK1)				Prepared & Analyzed: 12/06/21						
Sulfate	ND	1.00	mg/L							
LCS (P1L0605-BS1)				Prepared & Analyzed: 12/06/21						
Sulfate	41.6		mg/L	40.0		104	90-110			

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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 P1L0605 - * DEFAULT PREP *** **										
LCS Dup (P1L0605-BSD1)				Prepared & Analyzed: 12/06/21						
Sulfate	41.5		mg/L	40.0		104	90-110	0.192	10	
Calibration Check (P1L0605-CCV1)				Prepared & Analyzed: 12/06/21						
Sulfate	21.4		mg/L	20.0		107	90-110			
Calibration Check (P1L0605-CCV2)				Prepared & Analyzed: 12/06/21						
Sulfate	21.4		mg/L	20.0		107	90-110			
Calibration Check (P1L0605-CCV3)				Prepared & Analyzed: 12/06/21						
Sulfate	21.4		mg/L	20.0		107	90-110			
Matrix Spike (P1L0605-MS1)		**Source: 1L03001-01**		Prepared & Analyzed: 12/06/21						
Sulfate	233	5.00	mg/L	50.0	286	NR	80-120			QM-05
Matrix Spike (P1L0605-MS2)		**Source: 1L03003-05**		Prepared & Analyzed: 12/06/21						
Sulfate	844	25.0	mg/L	250	791	21.0	80-120			QM-05
Matrix Spike Dup (P1L0605-MSD1)		**Source: 1L03001-01**		Prepared & Analyzed: 12/06/21						
Sulfate	235	5.00	mg/L	50.0	286	NR	80-120	0.673	20	QM-05
Matrix Spike Dup (P1L0605-MSD2)		**Source: 1L03003-05**		Prepared & Analyzed: 12/06/21						
Sulfate	848	25.0	mg/L	250	791	22.8	80-120	0.511	20	QM-05
Batch P1L0811 - * DEFAULT PREP *** **										
Blank (P1L0811-BLK1)				Prepared & Analyzed: 12/14/21						
Chemical Oxygen Demand	ND	1.10	mg/L							QAL1

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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 *** **										
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: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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						
Iron	ND	0.0200	mg/L							QAL1
Manganese	0.00155	0.0200	"							QAL1, J
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						
Iron	0.00742		mg/L							QAL1
Manganese	0.00155		"							QAL1
Calibration Blank (P1L0304-CCB3)				Prepared & Analyzed: 12/03/21						
Iron	0.0101		mg/L							QAL1
Manganese	0.00144		"							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						
Iron	0.377	0.0200	mg/L	0.400		94.2	90-110			QAL1
Manganese	0.0898	0.0200	"	0.0800		112	90-110			QAL1

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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						
Manganese	0.121	0.0200	mg/L	0.0800	0.0379	104	75-125			QAL1
Iron	0.439	0.0200	"	0.400	0.00633	108	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: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
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: 12/30/2021

Brent Barron, Laboratory Director/Technical Director

TRC Solutions- Midland, Texas	Project: 98-05A_MNA
10 Desta Dr STE 150E	Project Number: TNM 98-05A
Midland TX, 79705	Project Manager: Curt Stanley

MNA

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:

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

Project Name: 98-05A

Project #: TNM 98-05A

Project Loc: Lea County, New Mexico

PO #:

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

(lab use only)
ORDER #: 1L2030011

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: TOC SM 5310	Dossolved Methane, ethane, and ethene by RSK-175	Total Diss Metals (Fe and Mn) by SW6	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-5			12/2/21	1109	1	10	X	X	X	X					GW	X	X	X	X	X	X			X
-02	MW-6			12/2/21	2048	1	10	X	X	X	X					GW	X	X	X	X	X	X			X
-03	MW-12			12/2/21	2141	1	10	X	X	X	X					GW	X	X	X	X	X	X			X
-04	MW-13			12/2/21	2000	1	13	X	X	X	X					GW	X	X	X	X	X	X	X		X
-05	MW-10			12/2/21	2230	1	13	X	X	X	X					GW	X	X	X	X	X	X	X		X
-06	MW-13			12/2/21	2312	1	10	X	X	X	X					GW	X	X	X	X	X	X			X

TCLP:
TOTAL: X

Special Instructions:

BILL TO PLAINS

	Date	Time		Date	Time
Relinquished by:	12/3/21	752	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by PBEL:	12/3/21	752

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: 4.6 °C
Adjusted: 5.6 °C Factor 1

L2

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

December 23, 2021

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

Work Order: **HS21120407**

Laboratory Results for: **1L03001**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Dec 08, 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: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
Work Order: HS21120407

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21120407-01	1L03001-01	Water		02-Dec-2021 19:09	08-Dec-2021 10:30	☐
HS21120407-02	1L03001-02	Water		02-Dec-2021 20:48	08-Dec-2021 10:30	☐
HS21120407-03	1L03001-03	Water		02-Dec-2021 21:41	08-Dec-2021 10:30	☐
HS21120407-04	1L03001-04	Water		02-Dec-2021 20:00	08-Dec-2021 10:30	☐
HS21120407-05	1L03001-05	Water		02-Dec-2021 22:30	08-Dec-2021 10:30	☐
HS21120407-06	1L03001-06	Water		02-Dec-2021 23:12	08-Dec-2021 10:30	☐

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 1L03001
Work Order: HS21120407

Work Order Comments

• Quantity does not match
1L03001-01, -02, -03, & -06- CoC = 6 bottles Received = 4 bottles
1L03001-04, & -05 - CoC = 6 bottles Received = 7 bottles

GC Semivolatiles by Method RSK-175

Batch ID: R397404

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

GCMS Semivolatiles by Method SW8270

Batch ID: 173291

Sample ID: LCSD-173291

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

WetChemistry by Method E415.1

Batch ID: R397440,R397475

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

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
Sample ID: 1L03001-01
Collection Date: 02-Dec-2021 19:09

ANALYTICAL REPORT
WorkOrder:HS21120407
Lab ID:HS21120407-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	**1.47**		**1.00**	**ug/L**	1	10-Dec-2021 10:10
Ethene	ND		1.00	ug/L	1	10-Dec-2021 10:10
Methane	**1.77**		**0.500**	**ug/L**	1	10-Dec-2021 10:10
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**2.25**		**1.00**	**mg/L**	1	11-Dec-2021 04:22

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

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
Sample ID: 1L03001-02
Collection Date: 02-Dec-2021 20:48

ANALYTICAL REPORT
WorkOrder:HS21120407
Lab ID:HS21120407-02
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	10-Dec-2021 10:28
Ethene	ND		1.00	ug/L	1	10-Dec-2021 10:28
Methane	**126**		**5.00**	**ug/L**	10	10-Dec-2021 14:11
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**3.99**		**1.00**	**mg/L**	1	11-Dec-2021 05:27

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

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
Sample ID: 1L03001-03
Collection Date: 02-Dec-2021 21:41

ANALYTICAL REPORT
WorkOrder:HS21120407
Lab ID:HS21120407-03
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	10-Dec-2021 10:39
Ethene	ND		1.00	ug/L	1	10-Dec-2021 10:39
Methane	**243**		**5.00**	**ug/L**	10	10-Dec-2021 14:20
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**3.34**		**1.00**	**mg/L**	1	11-Dec-2021 05:43

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

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
Sample ID: 1L03001-04
Collection Date: 02-Dec-2021 20:00

ANALYTICAL REPORT
WorkOrder:HS21120407
Lab ID:HS21120407-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		**Method:SW8270**		Prep:SW3511 / 08-Dec-2021		Analyst: GEY
1-Methylnaphthalene	ND	n	0.101	ug/L	1	21-Dec-2021 19:22
2-Methylnaphthalene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Acenaphthene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Acenaphthylene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Anthracene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Benz(a)anthracene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Benzo(a)pyrene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Benzo(b)fluoranthene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Benzo(g,h,i)perylene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Benzo(k)fluoranthene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Chrysene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Dibenz(a,h)anthracene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Dibenzofuran	ND		0.101	ug/L	1	21-Dec-2021 19:22
Fluoranthene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Fluorene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Indeno(1,2,3-cd)pyrene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Naphthalene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Phenanthrene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Pyrene	ND		0.101	ug/L	1	21-Dec-2021 19:22
Surr: 2-Fluorobiphenyl	*49.3*		*32-130*	*%REC*	*1*	*21-Dec-2021 19:22*
Surr: 4-Terphenyl-d14	*63.0*		*40-135*	*%REC*	*1*	*21-Dec-2021 19:22*
Surr: Nitrobenzene-d5	*91.9*		*45-142*	*%REC*	*1*	*21-Dec-2021 19:22*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	ND		1.00	ug/L	1	10-Dec-2021 10:47
Ethene	ND		1.00	ug/L	1	10-Dec-2021 10:47
Methane	**1.49**		**0.500**	**ug/L**	1	10-Dec-2021 10:47
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**2.20**		**1.00**	**mg/L**	1	11-Dec-2021 05:58

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

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
Sample ID: 1L03001-05
Collection Date: 02-Dec-2021 22:30

ANALYTICAL REPORT
WorkOrder:HS21120407
Lab ID:HS21120407-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		**Method:SW8270**		Prep:SW3511 / 08-Dec-2021		Analyst: GEY
1-Methylnaphthalene	**8.20**	n	**0.102**	**ug/L**	1	21-Dec-2021 19:42
2-Methylnaphthalene	**3.47**		**0.102**	**ug/L**	1	21-Dec-2021 19:42
Acenaphthene	**1.09**		**0.102**	**ug/L**	1	21-Dec-2021 19:42
Acenaphthylene	**0.351**		**0.102**	**ug/L**	1	21-Dec-2021 19:42
Anthracene	ND		0.102	ug/L	1	21-Dec-2021 19:42
Benz(a)anthracene	ND		0.102	ug/L	1	21-Dec-2021 19:42
Benzo(a)pyrene	ND		0.102	ug/L	1	21-Dec-2021 19:42
Benzo(b)fluoranthene	ND		0.102	ug/L	1	21-Dec-2021 19:42
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	21-Dec-2021 19:42
Benzo(k)fluoranthene	ND		0.102	ug/L	1	21-Dec-2021 19:42
Chrysene	ND		0.102	ug/L	1	21-Dec-2021 19:42
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	21-Dec-2021 19:42
Dibenzofuran	**2.64**		**0.102**	**ug/L**	1	21-Dec-2021 19:42
Fluoranthene	ND		0.102	ug/L	1	21-Dec-2021 19:42
Fluorene	**1.13**		**0.102**	**ug/L**	1	21-Dec-2021 19:42
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	21-Dec-2021 19:42
Naphthalene	**6.60**		**0.102**	**ug/L**	1	21-Dec-2021 19:42
Phenanthrene	**1.28**		**0.102**	**ug/L**	1	21-Dec-2021 19:42
Pyrene	ND		0.102	ug/L	1	21-Dec-2021 19:42
Surr: 2-Fluorobiphenyl	*50.5*		*32-130*	*%REC*	*1*	*21-Dec-2021 19:42*
Surr: 4-Terphenyl-d14	*106*		*40-135*	*%REC*	*1*	*21-Dec-2021 19:42*
Surr: Nitrobenzene-d5	*69.1*		*45-142*	*%REC*	*1*	*21-Dec-2021 19:42*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	**12.8**		**1.00**	**ug/L**	1	10-Dec-2021 10:56
Ethene	ND		1.00	ug/L	1	10-Dec-2021 10:56
Methane	**3,310**		**50.0**	**ug/L**	100	10-Dec-2021 14:29
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**6.58**		**1.00**	**mg/L**	1	11-Dec-2021 06:15

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

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
Sample ID: 1L03001-06
Collection Date: 02-Dec-2021 23:12

ANALYTICAL REPORT
WorkOrder:HS21120407
Lab ID:HS21120407-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: PPM
Ethane	**8.51**		**1.00**	**ug/L**	1	10-Dec-2021 11:05
Ethene	ND		1.00	ug/L	1	10-Dec-2021 11:05
Methane	**3,320**		**50.0**	**ug/L**	100	10-Dec-2021 14:38
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**7.05**		**1.00**	**mg/L**	1	12-Dec-2021 03:21

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

ALS Houston, US

Date: 23-Dec-21

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
WorkOrder: HS21120407

Batch ID: 173291 **Start Date:** 08 Dec 2021 09:50 **End Date:** 08 Dec 2021 16:00
Method: SW3511 **Prep Code:** 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21120407-04		32.78 (mL)	2 (mL)	0.06101	40 mL Amber
HS21120407-05		32.34 (mL)	2 (mL)	0.06184	40 mL Amber

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
WorkOrder: HS21120407

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 173291 (0)	**Test Name :** LOW-LEVEL PAHS - 8270D				**Matrix:** Water	
HS21120407-04	1L03001-04	02 Dec 2021 20:00		08 Dec 2021 09:50	21 Dec 2021 19:22	1
HS21120407-05	1L03001-05	02 Dec 2021 22:30		08 Dec 2021 09:50	21 Dec 2021 19:42	1
Batch ID: R397404 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS21120407-01	1L03001-01	02 Dec 2021 19:09			10 Dec 2021 10:10	1
HS21120407-02	1L03001-02	02 Dec 2021 20:48			10 Dec 2021 14:11	10
HS21120407-02	1L03001-02	02 Dec 2021 20:48			10 Dec 2021 10:28	1
HS21120407-03	1L03001-03	02 Dec 2021 21:41			10 Dec 2021 14:20	10
HS21120407-03	1L03001-03	02 Dec 2021 21:41			10 Dec 2021 10:39	1
HS21120407-04	1L03001-04	02 Dec 2021 20:00			10 Dec 2021 10:47	1
HS21120407-05	1L03001-05	02 Dec 2021 22:30			10 Dec 2021 14:29	100
HS21120407-05	1L03001-05	02 Dec 2021 22:30			10 Dec 2021 10:56	1
HS21120407-06	1L03001-06	02 Dec 2021 23:12			10 Dec 2021 14:38	100
HS21120407-06	1L03001-06	02 Dec 2021 23:12			10 Dec 2021 11:05	1
Batch ID: R397440 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS21120407-01	1L03001-01	02 Dec 2021 19:09			11 Dec 2021 04:22	1
HS21120407-02	1L03001-02	02 Dec 2021 20:48			11 Dec 2021 05:27	1
HS21120407-03	1L03001-03	02 Dec 2021 21:41			11 Dec 2021 05:43	1
HS21120407-04	1L03001-04	02 Dec 2021 20:00			11 Dec 2021 05:58	1
HS21120407-05	1L03001-05	02 Dec 2021 22:30			11 Dec 2021 06:15	1
Batch ID: R397475 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS21120407-06	1L03001-06	02 Dec 2021 23:12			12 Dec 2021 03:21	1

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
WorkOrder: HS21120407

QC BATCH REPORT

Batch ID: R397404 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-211210** Units: **ug/L** Analysis Date: **10-Dec-2021 09:00**
Client ID: Run ID: **FID-4_397404** SeqNo: **6416014** 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-211210** Units: **ug/L** Analysis Date: **10-Dec-2021 09:08**
Client ID: Run ID: **FID-4_397404** SeqNo: **6416015** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	17.08	1.00	18.04	0	94.7	75 - 125				
Ethene	16.24	1.00	16.8	0	96.6	75 - 125				
Methane	9.053	0.500	9.647	0	93.8	75 - 125				

LCSD Sample ID: **LCSD-211210** Units: **ug/L** Analysis Date: **10-Dec-2021 09:18**
Client ID: Run ID: **FID-4_397404** SeqNo: **6416016** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	17.13	1.00	18.04	0	94.9	75 - 125	17.08	0.284	30	
Ethene	17.18	1.00	16.8	0	102	75 - 125	16.24	5.62	30	
Methane	9.168	0.500	9.647	0	95.0	75 - 125	9.053	1.26	30	

The following samples were analyzed in this batch: HS21120407-01 HS21120407-02 HS21120407-03 HS21120407-04 HS21120407-05 HS21120407-06

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
WorkOrder: HS21120407

QC BATCH REPORT

Batch ID: 173291 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

MBLK Sample ID: **MBLK-173291** Units: **ug/L** Analysis Date: **21-Dec-2021 12:19**
Client ID: Run ID: **SV-6_398244** SeqNo: **6438216** PrepDate: **08-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	*1.283*	*0.100*	*3.03*	*0*	*42.3*	*32 - 130*			
Surr: 4-Terphenyl-d14	*3.558*	*0.100*	*3.03*	*0*	*117*	*40 - 135*			
Surr: Nitrobenzene-d5	*3.259*	*0.100*	*3.03*	*0*	*108*	*45 - 142*			

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
WorkOrder: HS21120407

QC BATCH REPORT

Batch ID: 173291 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCS Sample ID: **LCS-173291** Units: **ug/L** Analysis Date: **21-Dec-2021 12:39**
Client ID: Run ID: **SV-6_398244** SeqNo: **6438217** PrepDate: **08-Dec-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.421	0.100	3.03	0	113	40 - 140				
2-Methylnaphthalene	1.873	0.100	3.03	0	61.8	40 - 140				
Acenaphthene	2.931	0.100	3.03	0	96.7	40 - 140				
Acenaphthylene	2.768	0.100	3.03	0	91.4	40 - 140				
Anthracene	4.227	0.100	3.03	0	139	40 - 140				
Benz(a)anthracene	3.947	0.100	3.03	0	130	40 - 140				
Benzo(a)pyrene	4.171	0.100	3.03	0	138	40 - 140				
Benzo(b)fluoranthene	3.466	0.100	3.03	0	114	40 - 140				
Benzo(g,h,i)perylene	3.87	0.100	3.03	0	128	40 - 140				
Benzo(k)fluoranthene	3.235	0.100	3.03	0	107	40 - 140				
Chrysene	4.072	0.100	3.03	0	134	40 - 140				
Dibenz(a,h)anthracene	4.073	0.100	3.03	0	134	40 - 140				
Dibenzofuran	2.929	0.100	3.03	0	96.7	40 - 140				
Fluoranthene	3.649	0.100	3.03	0	120	40 - 140				
Fluorene	2.872	0.100	3.03	0	94.8	40 - 140				
Indeno(1,2,3-cd)pyrene	3.331	0.100	3.03	0	110	40 - 140				
Naphthalene	3.064	0.100	3.03	0	101	40 - 140				
Phenanthrene	2.738	0.100	3.03	0	90.4	40 - 140				
Pyrene	3.596	0.100	3.03	0	119	40 - 140				
Surr: 2-Fluorobiphenyl	*1.381*	*0.100*	*3.03*	*0*	*45.6*	*32 - 130*				
Surr: 4-Terphenyl-d14	*2.934*	*0.100*	*3.03*	*0*	*96.8*	*40 - 135*				
Surr: Nitrobenzene-d5	*3.691*	*0.100*	*3.03*	*0*	*122*	*45 - 142*				

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
WorkOrder: HS21120407

QC BATCH REPORT

Batch ID: 173291 (0) **Instrument: SV-6** **Method: LOW-LEVEL PAHS - 8270D**

LCSD Sample ID: **LCSD-173291** Units: **ug/L** Analysis Date: **21-Dec-2021 12:59**
Client ID: Run ID: **SV-6_398244** SeqNo: **6438218** PrepDate: **08-Dec-2021** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
1-Methylnaphthalene	3.82	0.100	3.03	0	126	40 - 140	3.421	11	25	
2-Methylnaphthalene	1.592	0.100	3.03	0	52.5	40 - 140	1.873	16.3	25	
Acenaphthene	4.225	0.100	3.03	0	139	40 - 140	2.931	36.2	25	R
Acenaphthylene	2.82	0.100	3.03	0	93.1	40 - 140	2.768	1.85	25	
Anthracene	3.767	0.100	3.03	0	124	40 - 140	4.227	11.5	25	
Benz(a)anthracene	3.001	0.100	3.03	0	99.0	40 - 140	3.947	27.3	25	R
Benzo(a)pyrene	3.978	0.100	3.03	0	131	40 - 140	4.171	4.72	25	
Benzo(b)fluoranthene	2.779	0.100	3.03	0	91.7	40 - 140	3.466	22	25	
Benzo(g,h,i)perylene	3.274	0.100	3.03	0	108	40 - 140	3.87	16.7	25	
Benzo(k)fluoranthene	4.104	0.100	3.03	0	135	40 - 140	3.235	23.7	25	
Chrysene	3.24	0.100	3.03	0	107	40 - 140	4.072	22.8	25	
Dibenz(a,h)anthracene	3.122	0.100	3.03	0	103	40 - 140	4.073	26.4	25	R
Dibenzofuran	3.243	0.100	3.03	0	107	40 - 140	2.929	10.2	25	
Fluoranthene	2.811	0.100	3.03	0	92.8	40 - 140	3.649	26	25	R
Fluorene	2.873	0.100	3.03	0	94.8	40 - 140	2.872	0.0401	25	
Indeno(1,2,3-cd)pyrene	3.152	0.100	3.03	0	104	40 - 140	3.331	5.52	25	
Naphthalene	2.512	0.100	3.03	0	82.9	40 - 140	3.064	19.8	25	
Phenanthrene	2.159	0.100	3.03	0	71.2	40 - 140	2.738	23.7	25	
Pyrene	2.946	0.100	3.03	0	97.2	40 - 140	3.596	19.9	25	
Surr: 2-Fluorobiphenyl	*1.552*	*0.100*	*3.03*	*0*	*51.2*	*32 - 130*	*1.381*	*11.7*	*25*	
Surr: 4-Terphenyl-d14	*2.734*	*0.100*	*3.03*	*0*	*90.2*	*40 - 135*	*2.934*	*7.04*	*25*	
Surr: Nitrobenzene-d5	*3.374*	*0.100*	*3.03*	*0*	*111*	*45 - 142*	*3.691*	*8.96*	*25*	

The following samples were analyzed in this batch: HS21120407-04 HS21120407-05

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
WorkOrder: HS21120407

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: 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: HS21120407-01 HS21120407-02 HS21120407-03 HS21120407-04 HS21120407-05

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
WorkOrder: HS21120407

QC BATCH REPORT

Batch ID: R397475 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-12112021** Units: **mg/L** Analysis Date: **12-Dec-2021 02:33**
Client ID: Run ID: **TOC_04_397475** SeqNo: **6417843** 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-12112021** Units: **mg/L** Analysis Date: **12-Dec-2021 02:49**
Client ID: Run ID: **TOC_04_397475** SeqNo: **6417844** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.72	1.00	10	0	107	85 - 115				

LCSD Sample ID: **LCSD-12112021** Units: **mg/L** Analysis Date: **12-Dec-2021 03:05**
Client ID: Run ID: **TOC_04_397475** SeqNo: **6417845** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.71	1.00	10	0	107	85 - 115	10.72	0.0933	20	

MS Sample ID: **HS21120407-06MS** Units: **mg/L** Analysis Date: **12-Dec-2021 03:37**
Client ID: **1L03001-06** Run ID: **TOC_04_397475** SeqNo: **6417847** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	18.03	1.00	10	7.047	110	80 - 120				

The following samples were analyzed in this batch: HS21120407-06

ALS Houston, US Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03001
WorkOrder: **HS21120407**

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: 23-Dec-21

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	21-022-0	26-Mar-2022
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: 23-Dec-21

Sample Receipt Checklist

Work Order ID: HS21120407 **Date/Time Received:** 08-Dec-2021 10:30

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

Completed By:	/S/ Pablo Marinez	08-Dec-2021 12:51	**Reviewed by:**	/S/ Bernadette A. Fini	08-Dec-2021 15:26
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **WATER** Carrier name: **FedEx Priority 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 ☐	COC IDs:CLIENT
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):	1.1°C, 0.9°C UC/C	IR 31	
Cooler(s)/Kit(s):	RED, RED		
Date/Time sample(s) sent to storage:	12/8/21 13:15		
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: Quantity does not match
1L03001-01, -02, -03, & -06- CoC = 6 bottles Rec'd = 4 bottles
1L03001-04, & -05 - CoC = 6 bottles Rec'd = 7 bottles

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
PBELAB_SUB_COC_V2

HS21120407

Permian Basin Environmental Lab, LP
1L03001

Project Manager: Brent Barron
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-661-4184
Sampler Signature: N/A

Project Name: SUBCONTRACT
Project #:
Project Loc:
PO #:
Fax No:
Report Format: X Standard ☐ TRRP ☐ NPDES
e-mail: brentbarron@pbelab.com

(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	HNO3	HCl 2 40mL VOA	H2SO4	NaOH/ZnAc 250 Poly 1	Na2S2O3	None Poly 500mL 250mL Glass Amber 1000 500 mL	NONE 3 AMBER VOA VIALS	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: 8270C PAH LL	METALS RCRA 8 TCLP ICPMS/7471	TOC SM5310	RSK-175 Methane,Ethane,Ethene	8260 COMPLETE LIST NGWG	8270C SEMIVOLATILE	C- TCLP ICPMS 6020A	Cd TCLP ICPMS 6020A	8260C SEMIVOLATILE	METHANOL 3015M	GLYCOLS-DI 8015B	NORM 901 1M	TCLP BENZENE 8260B	24 HOUR STANDARD 4 DAY
	1L03001-01			12/2/2021	19:09		6			X					X	W			X	X										X
	1L03001-02			12/2/2021	20:48		6			X					X	W			X	X										X
	1L03001-03			12/2/2021	21:41		6			X					X	W			X	X										X
	1L03001-04			12/2/2021	20:00		6			X					X	W	X		X	X										X
	1L03001-05			12/2/2021	22:30		6			X					X	W	X		X	X										X
	1L03001-06			12/2/2021	23:12		6			X					X	W			X	X										X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Brent Barron	12/6/2021	15:00			
Relinquished by	Date	Time	Received by: 12/7/2021 11:30	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

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

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-661-4184 Fax No:
Sampler Signature: N/A e-mail: brentbarron@pbelab.com

Project Name: SUBCONTRACT
Project #:
Project Loc:
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	HNO3	HCl 3 40mL VOA	H2SO4	NaOH	NaOH/ZNAC 250 Poly 1	Na2S2O3	None Poly 500mL 250mL	Glass Amber 1000 500 mL	NONE 3 AMBER VOAA VIALS	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: 8270C PAH LL	METALS RCRA 8 TCLP ICPMS/7471	TOC SM5310	RSK-175 Methane,Ethane,Ethene	8260 COMPLETE LIST MG/KG	8270C SEMIVOLATILE	Cr TCLP ICP/MS 6020A	Cd TCLP ICP/MS 6020A	8260C SEMIVOLATILE	METHANOL 8015M	GLYCOLS-DI 8015B	NORM 901.1M	TCLP BENZENE 8260B	24 HOUR	STANDARD 4 DAY
	1L03001-01			12/2/2021	19:09		6			X							X	W					X	X										X
	1L03001-02			12/2/2021	20:48		6			X							X	W					X	X										X
	1L03001-03			12/2/2021	21:41		6			X							X	W					X	X										X
	1L03001-04			12/2/2021	20:00		6			X							X	W		X			X	X										X
	1L03001-05			12/2/2021	22:30		6			X							X	W		X			X	X										X
	1L03001-06			12/2/2021	23:12		6			X							X	W					X	X										X

Special Instructions:

Relinquished by: Brent Barron Date: 2021 Time:
Received by:
Date: Time:

Relinquished by: Date: Time:
Received by:
Date: Time:

Relinquished by: Date: Time:
Received by:
Date: Time:

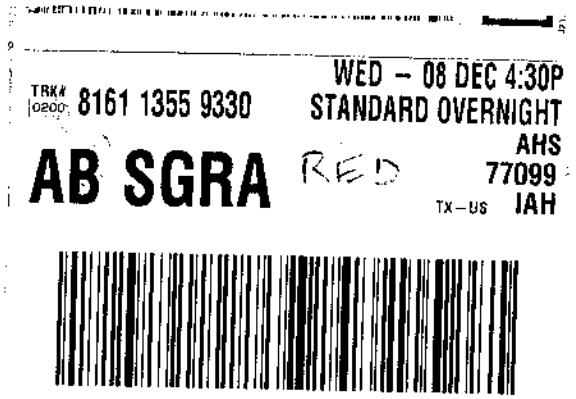
Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Bottles received for unspecified tests Y N
Custody seals on container(s) Y N
Custody seals intact on sample bottles Y N
Sample Hand Delivered by Sampler/Client Rep. ? Y N
by Courier? UPS DHL Fed
Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

TRK# 0200 8161 1355 9341

TUE – 07 DEC 4:30P
STANDARD OVERNIGHT

AHS
77099
TX-US IAH

AB SGRA RED



APPENDIX B:
Release Notification and Corrective Action
(NMOCD Form C-141)

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

98-05A

Form C-141
Originated 2/13/97

Submit 2 copies to Appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action
OPERATOR
☒ Initial Report ☐ Final Report

Name: Texas-New Mexico Pipe Line Company	Contact: Edwin H. Gripp
Address: Box 60028	Telephone No.: 915-947-9000
Facility Name: San Angelo, TX 76906	Facility Type: pipe line

Surface Owner	Mineral Owner	Lease No.
Nadine Owen		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	26	21S	37E					Lea

NATURE OF RELEASE

Type of Release: Sour Crude	Volume of Release: 38 barrels / Volume Recovered: 4 barrels
Source of Release: 6" gathering line	Date and Hour of Occurrence: Unknown / Date and Hour of Discovery: 2/5/98; 10:25 a.m.
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Linda Williams (Clerk #4)
By Whom? Johnny W. Chapman	Date and Hour: 2/5/98; 3:00 p.m.
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse: N/A

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Internal Corrosion
Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.*
Approximately 1260 sq.ft. pasture land.
Contaminated soil will be excavated and put on plastic.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).*
Cloudy; 60 degrees

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
Signature: Edwin H. Gripp
Printed Name: Edwin H. Gripp
Title: District Manager
Date: 2/12/98 Phone: 915-947-9000

OIL CONSERVATION DIVISION
Approved by District Supervisor:
Approval Date: Expiration Date:
Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary

State Corp. Commission — Hazardous Waste Section

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 93016

CONDITIONS

Operator:	OGRID:
PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	34053
	Action Number: 93016
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2020 ANNUAL GROUNDWATER MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by NMOCD and are as follows; 1. Continue gauging monitor wells MW-1, MW-2, MW-10, MW-12, and MW-13 and aggressively pump on a monthly schedule in 2022 reporting period 2. Continue collecting quarterly groundwater samples in 2022 3. Continue sampling for PAH analysis from monitor wells MW-1, MW-2, MW-10, and MW-13 4. Conducted low-flow sampling of MNA parameters on monitor wells MW-5, MW-3, MW-13, MW-10, MW-6, and MW-12 during each quarterly sampling event. 5. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.	8/3/2022