



**2021
ANNUAL MONITORING REPORT**

TNM 97-18

SW ¼ NE ¼ of SECTION 28, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO

PLAINS SRS NUMBER: TNM 97-18-KNOWN

NMOCD Reference AP-0013

Incident # nAPP2109543384

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

Contractor anticipated actions
approved by NMOCD and are as
follows;

1. Continue quarterly monitoring
and groundwater sampling in 2022
2. Continue monthly manual
over-pumping of selected monitor and
recovery wells
3. Continue manual product
recovery on a monthly schedule
4. Continue sampling further PAH
analysis on MW-4 through MW-7,
MW-10, MW-17, MW-18, and RW-1
and RW-2
5. Conduct quarterly low-flow
sampling of MNA parameters on
MW-1, MW-6, MW-2, MW-4, MW-24,
and RW-2
6. Submit the Annual Monitoring
Report to the NMOCD no later than
March 31, 2023.

PREPARED FOR:

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March 2022

A handwritten signature in blue ink, appearing to read "Curt D. Stanley".
Curt D. Stanley
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A handwritten signature in blue ink, appearing to read "Jonathan P. Repman".
Jonathan P. Repman P.G.
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INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), TRC Environmental Corporation (TRC), is pleased to submit this 2021 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by TRC, previously NOVA Safety and Environmental (NOVA). The TNM 97-18 Pipeline Release Site (the Site), formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with figures, appendices, tables, and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2021. Historical groundwater elevation data is summarized in Table 4. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2021 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled, with the exception of the 4th quarter, due to monitored natural attenuation (MNA) sampling activities.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The TNM 97-18 Release occurred on September 10, 1997. The Site is located south of Monument, New Mexico in the Southwest $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of Section 28, Township 20 South, Range 37 East. According to Form C-141, an estimated eighty-three (83) barrels of crude oil was released from the 16-inch pipeline of which none was recovered. The Release Notification and Corrective Action (Form C-141) is provided as Appendix B.

A *Soil Closure Work Plan* (Work Plan) was submitted to the NMOCD in August 2006. The Work Plan proposed soil remediation activities intended to progress the Site toward an NMOCD approved closure.

In February 2008, Plains received approval from the NMOCD to commence the soil remediation activities outlined in the Work Plan. Following the completion of the soil remediation activities, a *Soil Closure Request* dated August 2010 was submitted to the NMOCD for approval. On January 26, 2011, Plains received an email from the NMOCD approving the *Soil Closure Request* at the TNM 97-18 Release Site.

Currently, there are twenty-seven (27) monitor wells (MW-1 through MW-30, excluding MW-13, MW-19, and MW-29, which have been plugged and abandoned) and two (2) recovery wells (RW-1 and RW-2) onsite. A pneumatic product recovery system operated onsite, which incorporated three (3) monitor wells (MW-4, MW-5, and MW-7), was discontinued at the end of 2006, due to declining PSH thicknesses onsite.

Plains began air sparging during the 1st quarter of 2013 in monitor wells MW-21, MW-22, MW-23, MW-25, MW-27, and MW-28 to attenuate the down gradient edge of the dissolved phase plume. The diffusers were installed at a depth of approximately thirty-eight (38) feet below ground surface (bgs) and operated at a pressure of approximately five (5) psi per well. The sparging system was discontinued in the 2nd quarter of 2014, due to mechanical failure of the air pump.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH (0.02 feet to 0.33 feet) was detected in monitor well MW-5 during the 2021 reporting period. A measurable thickness of PSH (0.01 feet to 1.16 feet) was detected in monitor well MW-7 during the 2021 reporting period. A measurable thickness of PSH (0.02 feet) was detected during two (2) gauging events in recovery well RW-2 on May 27, 2021, and September 29, 2021. The maximum PSH thickness of all wells containing PSH was 1.16 feet and was recorded on September 29, 2021, in monitor well MW-7 and is shown on Table 1. The average thickness of PSH in monitor and recovery wells exhibiting PSH was less than 0.22 feet during the reporting period. Approximately 1.8 gallons (0.04 barrels) of PSH was recovered from the Site during the 2021 reporting period. A total of approximately 1,399.59 gallons (33.32 barrels) of PSH has been recovered since project inception.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were conducted according to the following reduced sampling schedule, which was approved by the NMOC in correspondence dated April 28, 2004, and amended by NMOC in correspondence dated June 22, 2005, and June 13, 2013.

NMOC APPROVED SAMPLING SCHEDULE					
Location	Schedule	Location	Schedule	Location	Schedule
MW-1	Annually	MW-12	Annually	MW-23	Quarterly
MW-2	Quarterly	MW-13	Plugged and abandoned	MW-24	Quarterly
MW-3	Quarterly	MW-14	Annually	MW-25	Quarterly
MW-4	Quarterly	MW-15	Annually	MW-26	Quarterly
MW-5	Quarterly	MW-16	Annually	MW-27	Semi-Annually
MW-6	Quarterly	MW-17	Quarterly	MW-28	Annually
MW-7	Quarterly	MW-18	Quarterly	MW-29	Plugged and abandoned
MW-8	Annually	MW-19	Plugged and abandoned	MW-30	Semi-Annually
MW-9	Annually	MW-20	Semi-Annually		
MW-10	Quarterly	MW-21	Annually	RW-1	Quarterly
MW-11	Annually	MW-22	Annually	RW-2	Quarterly

The Site monitor wells were gauged and sampled on March 17-18, May 26-28, September 28-29, and December 1-2, 2021. During each sampling event, monitor wells were purged of a minimum of three (3) well volumes of water or until the wells failed to produce water. Purging activities were conducted using a disposable polyethylene bailer for each well or electrical Grundfos pump

and dedicated tubing. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Please note, during the 4th quarter of the reporting period, monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were sampled using industry standard low-flow sampling techniques. A water quality meter was utilized to monitor the flow of groundwater for pH, temperature (°C), conductivity, Oxygen Reduction Potential (ORP), Dissolved Oxygen (DO), and Turbidity. The above parameters were monitored until three (3) of the six (6) parameters stabilized to within a ten percent (10%) “window”, at which time groundwater samples were collected. The five (5) monitor wells (MW-1, MW-6, MW-2, MW-4, and MW-24, and recovery well RW-2) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events conducted in 2021, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2021 is provided as Table 1. Historical groundwater elevation data beginning at project inception is summarized in Table 4.

The most recent Groundwater Gradient Map, Figure 2D, indicated a general gradient of 0.0055 feet/foot in a southeast direction as measured between monitor wells MW-5 and MW-4. Groundwater Gradient Maps generated during the 1st, 2nd, and 3rd quarters of the reporting period indicated a gradient ranging from 0.0054 feet/foot to 0.0055 feet/foot in a southeast direction. The corrected groundwater elevations ranged between 3,465.86 to 3,473.31 feet above mean sea level, in monitor well MW-27 on September 28, 2021, and in monitor well MW-1 on January 21, 2021, respectively.

LABORATORY RESULTS

Groundwater samples obtained during all four (4) quarterly sampling events of 2021 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 by Permian Basin Laboratories during the 2021 calendar year on monitor wells monitor wells MW-4, MW-6, MW-10, MW-17, MW-18, and Recovery well RW-1. PAH analysis scheduled to be conducted on recovery well RW-2 was inadvertently overlooked. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above New Mexico Water Quality Control Commission (NMWQCC) standards were sampled, with the exclusion of those wells containing measurable PSH thicknesses. 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 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 an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the 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-1 was selected as MNA parameter well and is located “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-1 stabilized at a pH of 7.22, a temperature of 20.45°C, Conductivity of 12.9 mhos/cm, ORP of 58 mV, DO of 0.49 mg/L, and turbidity of 195 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 “Stable” in monitor well MW-1. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-1. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-1. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-1.

Please 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 laboratory RL.

Monitor well MW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0115 mg/L during the 1st quarter to 0.0889 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 less than the laboratory RL during the 4th quarter to 0.0249 mg/L during the 3rd quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the laboratory RL during the 1st and 4th quarters to 0.0348 mg/L during the 3rd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.1360 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-2 was selected as MNA parameter well and is located at 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-2 stabilized at a pH of 7.10, a temperature of 20.86°C, Conductivity of 10.2 mhos/cm, ORP of -292 mV, DO of 0.15 mg/L, and turbidity of 302 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-2. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-2. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-2. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-2.

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 laboratory RL.

Monitor well MW-3 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.176 mg/L during the 4th quarter to 0.272 mg/L during the 2nd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00108 mg/L during the 4th quarter to 0.00563 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 less than the applicable laboratory RL during the 2nd and 4th quarters to 0.00366 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.01384 mg/L during the 1st quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required on samples from MW-3 during the 4th quarter sampling event.

Monitor well MW-4 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 1.42 mg/L during the 1st quarter to 3.59 mg/L during the 4th quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00761 mg/L during the 4th quarter to 0.0521 mg/L during the 3rd quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0180 mg/L during the 2nd quarter to 0.0554 mg/L during the 3rd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.08964 mg/L during the 4th quarter to 0.503 mg/L during the 3rd 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 (0.0021 mg/L), phenanthrene (0.0022 mg/L), and naphthalene (0.0392 mg/L).

Please note, monitor well MW-4 was selected as MNA parameter well and is located at the “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-4 stabilized at a pH of 7.22, a temperature of 23.42°C, Conductivity of 6.31 mhos/cm, ORP of -359 mV, DO of 0.00 mg/L, and turbidity of 75.8 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Increasing” in monitor well MW-4. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Probably Decreasing” in monitor well MW-4. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-4. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Increasing” in monitor well MW-4.

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 laboratory RL.

Monitor well MW-5 is monitored/sampled on a quarterly schedule. Monitor well MW-5 was not sampled during all four (4) quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.10 feet, 0.13 feet, 0.32 feet, and 0.33 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of the reporting period, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-6 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0110 mg/L during the 4th quarter to 0.0600 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 0.00123 mg/L during the 4th quarter to 0.0366 mg/L during the 1st quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the laboratory RL during the 4th quarter to 0.0317 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 less than the laboratory RL during the 4th quarter to 0.2030 mg/L during the 1st 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 (0.0016 mg/L).

Please note, monitor well MW-6 was selected as MNA parameter well and is located at the “up-gradient within plume” location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-6 stabilized at a pH of 7.23, a temperature of 20.80°C, Conductivity of 16.2 mhos/cm, ORP of -282 mV, DO of 0.00 mg/L, and turbidity of 53.7 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-6. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-6. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-6. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” 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 laboratory RL.

Monitor well MW-7 is monitored/sampled on a quarterly schedule. Monitor well MW-7 was not sampled during all four (4) quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.14 feet, 0.42 feet, 1.16 feet, and 0.92 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of the reporting period, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

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 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-8 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 2nd quarter of 2002. PAH analysis was not required on samples from MW-9 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 0.192 mg/L during the 3rd quarter to 0.273 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 0.00238 mg/L during the 4th quarter to 0.0228 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 less than the applicable laboratory RL during the 4th quarter to 0.143 during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00397 mg/L during the 4th quarter to 0.0466 mg/L during the 1st 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 fluorene (0.0011 mg/L), and phenanthrene (0.0015 mg/L).

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 the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-11 during the 4th quarter sampling event.

Monitor well MW-12 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 2nd quarter of 2002. PAH analysis was not required on samples from MW-12 during the 4th quarter sampling event.

Monitor well MW-14 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 2nd quarter of 2002. PAH analysis was not required on samples from MW-14 during the 4th quarter sampling event.

Monitor well MW-15 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 2nd quarter of 2002. PAH analysis was not required on samples from MW-15 during the 4th quarter sampling event.

Monitor well MW-16 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 2nd quarter of 2002. PAH analysis was not required on samples from MW-16 during the 4th quarter sampling event.

Monitor well MW-17 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 1.13 mg/L during the 4th quarter to 2.65 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 0.00391 mg/L during the 4th quarter to 0.00689 mg/L during the 3rd quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00452 mg/L during the 4th quarter to 0.0123 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.154 mg/L during the 4th quarter to 0.205 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 fluorene (0.0020 mg/L), phenanthrene (0.0025 mg/L), and naphthalene (0.0780 mg/L).

Monitor well MW-18 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.916 mg/L during the 4th quarter to 1.46 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 less than the applicable laboratory RL during the 2nd quarter to 0.0105 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 0.0139 mg/L during the 2nd quarter to 0.0494 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 0.140 mg/L during the 2nd quarter to 0.17901 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 fluorene (0.0014 mg/L), phenanthrene (0.0020 mg/L), and naphthalene (0.04103 mg/L).

Monitor well MW-20 is sampled on a semi-annual schedule and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.00149 mg/L during the 4th quarter of 2021. Benzene concentrations were below the NMOCD regulatory guidelines during the 2nd and 4th quarters of the reporting period. Toluene and xylene concentrations were less than the applicable laboratory RL and the NMOCD

regulatory guidelines during the 2nd and 4th quarter sampling event. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.00133 mg/L during the 4th quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 2nd and 4th quarters of the reporting period. PAH analysis was not required on samples from MW-20 during the 4th quarter sampling event.

Monitor well MW-21 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 NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-21 during the 4th quarter sampling event.

Monitor well MW-22 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were below 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 2nd quarter of 2002. PAH analysis was not required on samples from MW-22 during the 4th quarter sampling event.

Monitor well MW-23 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were below the applicable laboratory RL and the NMOCD regulatory guideline during all four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 2017. PAH analysis was not required on samples from MW-23 during the 4th quarter sampling event.

Monitor well MW-24 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 5.18 mg/L during the 1st quarter to 6.13 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 0.0102 mg/L during the 3rd quarter to 0.0125 mg/L during the 1st quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.368 mg/L during the 2nd quarter to 0.756 mg/L during the 4th quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines the 2nd and 3rd quarters of the reporting period. Xylene concentrations ranged from 0.27242 mg/L during the 2nd quarter to 0.48419 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. A duplicate sample was collected and analyzed during the 4th quarter. The analytical results indicated benzene, toluene, ethylbenzene, and xylene concentrations were 5.88 mg/L, 0.00524 mg/L, 0.835 mg/L, and 0.2272 mg/L, respectively. PAH analysis was not required on samples from MW-24 during the 4th quarter sampling event.

Please note, monitor well MW-24 was selected as MNA parameter well and is located at the “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-24 stabilized at a pH of 7.07, a temperature of 20.39°C, Conductivity of 5.35 mhos/cm, ORP of -367 mV, DO of 0.00 mg/L, and turbidity of 92.5 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Increasing” in monitor well MW-24. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Probably Decreasing” in monitor well MW-24. 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-24. 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-24.

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 laboratory RL.

Monitor well MW-25 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.126 mg/L during the 4th quarter to 1.83 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 less than the applicable laboratory RL during the 2nd, 3rd, and 4th quarters to 0.00267 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 0.00909 mg/L in the 1st quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. 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 on samples from MW-25 during the 4th quarter sampling event.

Monitor well MW-26 was sampled on semi-annual schedule. In the 2nd quarter of 2018, Plains voluntarily modified the monitor well MW-26 to a quarterly schedule. Benzene concentrations ranged from 0.647 mg/L during the 4th quarter to 1.09 mg/L during the 2nd quarter of the reporting period. 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 2nd quarter to 0.00217 mg/L in the 3rd 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 1st, 2nd, and 4th quarters to 0.00153 mg/L in the 3rd 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 and 4th quarters to 0.00495 mg/L in the 1st quarter. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required on samples from MW-26 during the 4th quarter sampling event.

Monitor well MW-27 is sampled on a semi-annual schedule and the analytical results indicated BTEX constituent concentrations were below the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2004. PAH analysis was not required on samples from MW-27 during the 4th quarter sampling event.

Monitor well MW-28 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 NMOCD regulatory guidelines since the 2nd quarter of 2006. PAH analysis was not required on samples from MW-28 during the 4th quarter sampling event.

Monitor well MW-30 is sampled on a semi-annual schedule and the analytical results indicated BTEX constituent concentrations were below the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-30 during the 4th quarter sampling event.

Recovery well RW-1 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.254 mg/L during the 4th quarter to 0.870 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 0.00573 mg/L during the 4th quarter to 0.0286 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 0.0686 mg/L during the 4th quarter to 0.173 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.1162 mg/L during the 4th quarter to 0.2481 mg/L during the 1st 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 fluorene (0.0021 mg/L), phenanthrene (0.0078 mg/L), and naphthalene (0.085 mg/L).

Recovery well RW-2 is sampled/monitored on a quarterly schedule. Recovery well RW-2 was not sampled during the 2nd and 3rd quarters of the reporting period, due to the presence of PSH in the recovery well. PSH thicknesses of 0.02 feet and 0.02 feet were reported during the 2nd and 3rd quarters of the reporting period, respectively.

Recovery well RW-2 was sampled during the 1st and 4th quarters of the reporting period. The analytical results indicated benzene concentrations ranged from 0.00622 mg/L during the 4th quarter to 0.218 mg/L during the 1st quarter of 2021. Benzene concentrations were above the

NMOCD regulatory guidelines during the 1st quarter of the reporting period. Toluene concentrations ranged from less than the laboratory RL during the 4th quarter to 0.0175 mg/L during the 1st quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from less than the laboratory RL during the 4th quarter to 0.0426 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Xylene concentrations ranged from less than the laboratory RL during the 4th quarter to 0.1278 mg/L during the 1st quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines the 1st and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event was inadvertently omitted.

Please note, recovery well RW-2 was selected as MNA parameter well and is located at the “cross-gradient of plume” location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for recovery well RW-2 stabilized at a pH of 7.05, a temperature of 20.89°C, Conductivity of 13.8 mhos/cm, ORP of -272 mV, DO of 2.10 mg/L, and turbidity of 63.3 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in recovery well RW-2. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in recovery well RW-2. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in recovery well RW-2. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in recovery well RW-2.

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 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, manganese²⁺, iron³⁺, 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	$\text{CH}_2\text{O} + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$	-120 Kcal/mol
Denitrification	$5\text{CH}_2\text{O} + 3\text{NO}_3 + 4\text{H}^+ \rightarrow \text{CO}_2 + 7\text{H}_2\text{O} + 2\text{N}_2$	-114 Kcal/mol
Manganese Reduction	$\text{CH}_2\text{O} + 2\text{MnO}_2 + 4\text{H}^+ \rightarrow \text{CO}_2 + 3\text{H}_2\text{O} + 2\text{Mn}^{2+}$	-81 Kcal/mol
Iron Reduction	$\text{CH}_2\text{O} + 4\text{Fe}(\text{OH})_3 + 8\text{H}^+ \rightarrow \text{CO}_2 + 11\text{H}_2\text{O} + 4\text{Fe}^{2+}$	-28 Kcal/mol
Sulfate Reduction	$2\text{CH}_2\text{O} + \text{SO}_4^{2-} + \text{H}^+ \rightarrow 2\text{CO}_2 + 2\text{H}_2\text{O} + \text{HS}^-$	-25 Kcal/mol
Methanogenesis	$2\text{CH}_2\text{O} \rightarrow \text{CH}_3\text{COOH} \rightarrow \text{CH}_4 + \text{CO}_2$	-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 ORP, pH, and 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-1), one (1) well upgradient within the plume (MW-6), one (1) well near the center of the plume (MW-2), one (1) well downgradient within the plume (MW-4), one (1) well downgradient of the plume (MW-24), and one (1) well cross-gradient of the plume center (RW-2).

The five (5) monitor wells (MW-1, MW-6, MW-2, MW-4, MW-24), and one (1) recovery well (RW-2) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

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

The analytical results for concentrations of benzene ranged from less than the laboratory RL for monitor well MW-1 to 5.93 mg/L for monitor well MW-24. Please reference Table 7 for GSI-MKT benzene results.

The analytical results for concentrations of toluene ranged from less than the laboratory RL for monitor wells MW-1, MW-2, and recovery well RW-2 to 0.0107 mg/L for monitor well MW-24. Please reference Table 8 for GSI-MKT toluene results.

The analytical results for concentrations of ethylbenzene ranged from less than the laboratory RL for monitor wells MW-1, MW-6, MW-2, and recovery well RW-2 to 0.756 mg/L for monitor well MW-24. Please reference Table 9 for GSI-MKT ethylbenzene results.

The analytical results for concentrations of xylene ranged from less than the laboratory RL for monitor wells MW-1, MW-6, MW-2, and recovery well RW-2 to 0.2938 mg/L for monitor well MW-24. Please reference Table 10 for GSI-MKT xylene results.

The analytical results for concentrations of TOC ranged from 116 mg/L for monitor well MW-24, to 256 mg/L for monitor well MW-6. Please reference Table 11 for GSI-MKT TOC results.

The analytical results for concentrations of Dissolved Methane ranged from 0.00127 mg/L for monitor well MW-1 to 1.33 mg/L for monitor well MW-4. Please reference Table 12 for GSI-MKT Dissolved Methane results.

The analytical results for concentrations of Dissolved Ethane ranged from less than the laboratory RL for monitor wells MW-1 and MW-6 to 0.00437 mg/L for monitor well MW-24. Please reference Table 13 for GSI-MKT Dissolved Ethane results.

The analytical results for concentrations of Dissolved Ethene ranged from less than the laboratory RL for monitor wells MW-2 and MW-24 to 0.00557 mg/L for monitor well MW-4. Please reference Table 14 for GSI-MKT Dissolved Ethene results.

The analytical results for concentrations of Dissolved Iron (filtered) ranged from 0.0204 mg/L for monitor well MW-4 to 0.695 mg/L for monitor well MW-2. Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results.

The analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.00287 mg/L for monitor well MW-24 to 0.0582 mg/L for monitor well MW-2. Please reference Table 16 for GSI-MKT Dissolved Manganese (filtered) results.

The analytical results for concentrations of Nitrate ranged from 1.11 mg/L for monitor well MW-24 to 4.13 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 791 mg/L for monitor well MW-4 to 5,000 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 less than laboratory RL for monitor well MW-1 to 182 mg/L for monitor well MW-4. Please reference Table 19 for GSI-MKT COD results.

SUMMARY

This report presents the results of monitoring activities for the 2021 annual monitoring period. Currently, there are twenty-seven (27) groundwater monitor wells (MW-1 through MW-30, excluding MW-13, MW-19, and MW-29, which have been plugged and abandoned) and two (2) PSH recovery wells (RW-1 and RW-2) onsite. Manual over-pumping of wells exhibiting elevated hydrocarbon concentrations occurs on a monthly schedule. The most recent Groundwater Gradient Map, Figure 2D, indicated a general gradient of 0.0055 feet/foot in a southeast direction as measured between monitor wells MW-5 and MW-4. Groundwater Gradient Maps generated during the 1st, 2nd, and 3rd quarters of the reporting period indicated a gradient ranging from 0.0054 feet/foot to 0.0055 feet/foot in a southeast direction.

A measurable thickness of PSH (0.02 feet to 0.33 feet) was detected in monitor well MW-5 during the 2021 reporting period. A measurable thickness of PSH (0.01 feet to 1.16 feet) was detected in monitor well MW-7 during the 2021 reporting period. A measurable thickness of PSH (0.02 feet) was detected during two (2) gauging events in recovery well RW-2 on May 24, 2021, and September 29, 2021. The maximum PSH thickness of all wells containing PSH was 1.16 feet and was recorded on September 29, 2021, in monitor well MW-7 and is shown on Table 1. The average thickness of PSH in monitor and recovery wells exhibiting PSH was less than 0.22 feet during the reporting period. Approximately 1.8 gallons (0.04 barrels) of PSH was recovered from the Site during the 2021 reporting period. A total of approximately 1,399.59 gallons (33.32 barrels) of PSH has been recovered since project inception.

Review of the laboratory analytical results indicated sixteen (16) monitor wells exhibited BTEX constituent concentrations below the NMOCD regulatory guideline during the 4th quarter 2021 sampling event. Analytical results of groundwater samples collected indicated PAH concentrations appear to be fluctuating in the sampled monitor and recovery wells.

ANTICIPATED ACTIONS

Quarterly monitoring and groundwater sampling will continue in 2022. Manual over-pumping of selected monitor and recovery wells will occur monthly and will be adjusted according to site conditions. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2023.

Based on the results of the PAH analysis over the past several years, further PAH analysis will be conducted only on those monitor and recovery wells (MW-4 through MW-7, MW-10, MW-17, MW-18, and RW-1 and RW-2) which have historically exhibited elevated constituents near or above the NMWQCC standards.

Low-flow sampling of MNA parameters will be conducted on monitor wells MW-1, MW-6, MW-2, MW-4, and MW-24 and recovery well RW-2 during each quarterly sampling event. Unforeseen circumstances may require modification of this sampling event.

LIMITATIONS

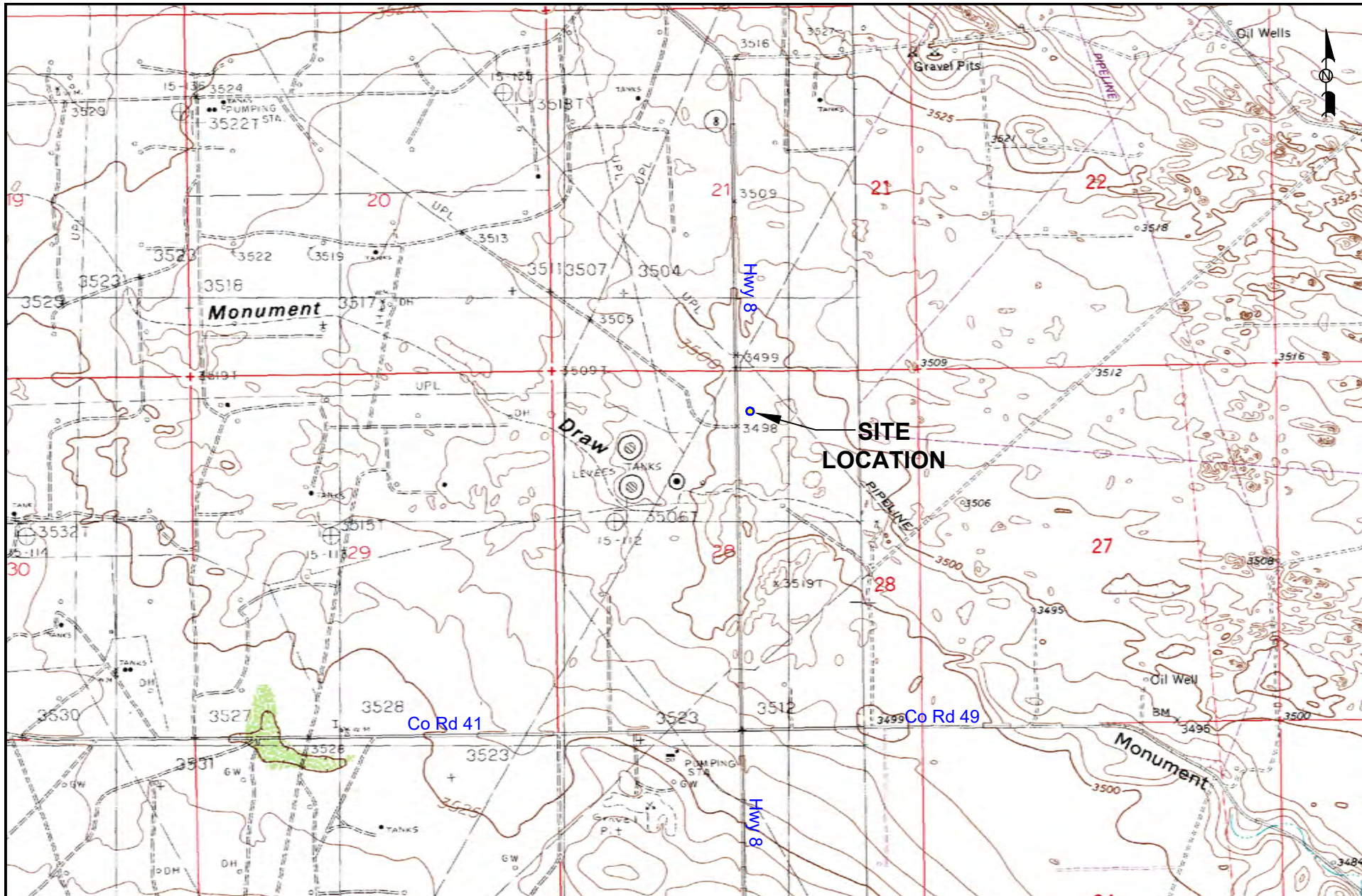
TRC has prepared this 2021 Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

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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FIGURES



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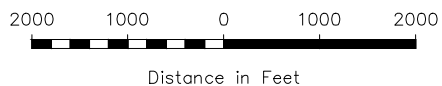
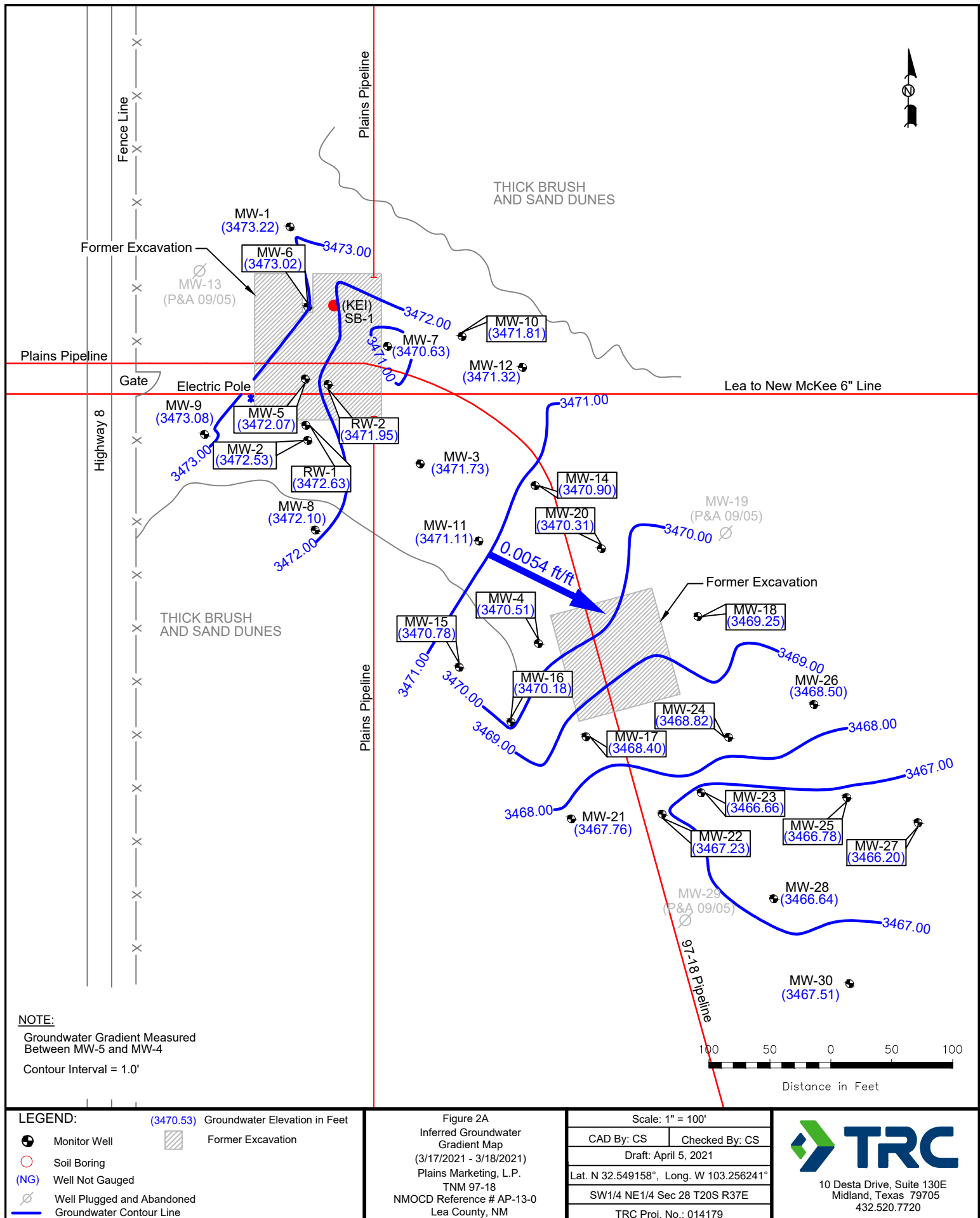


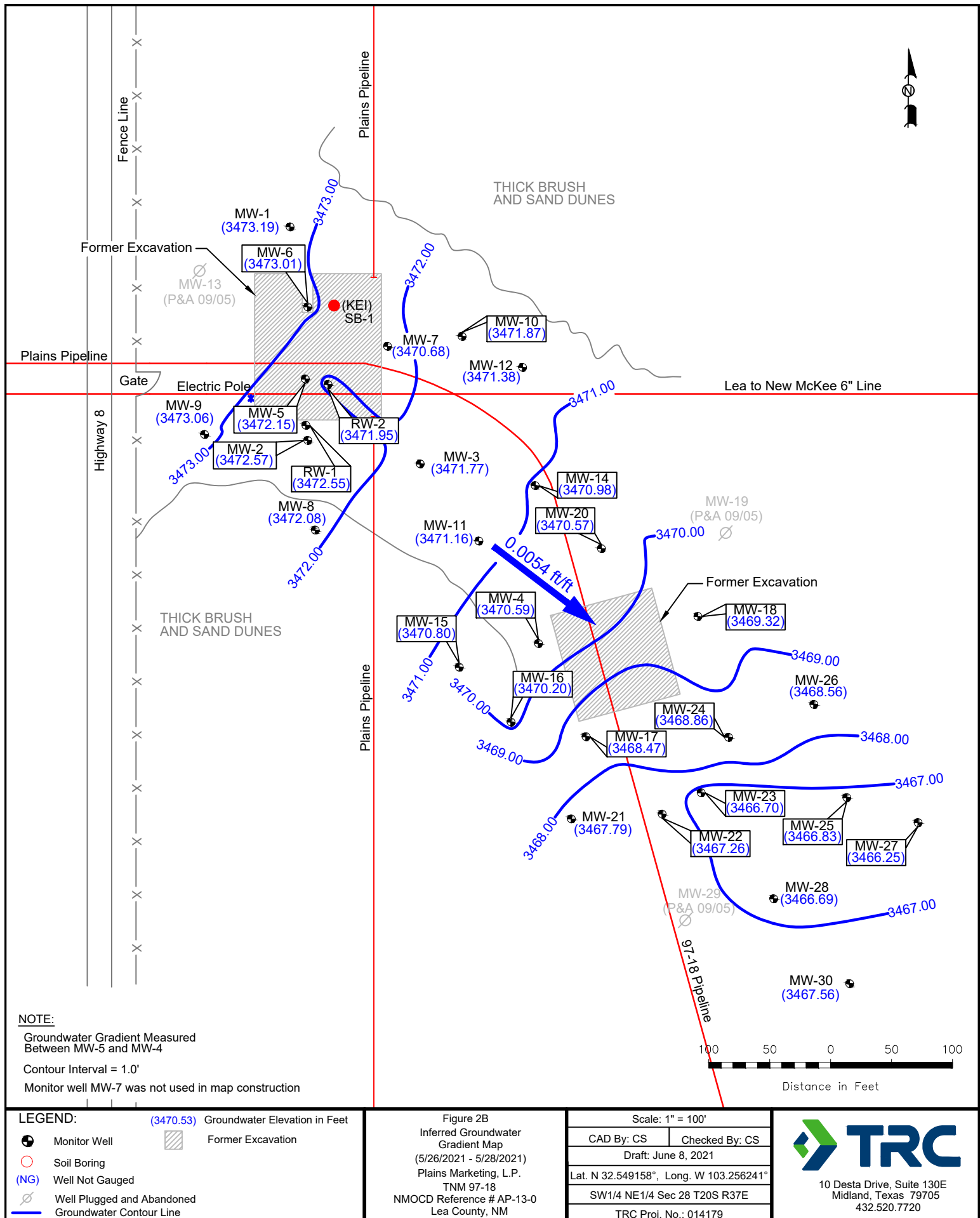
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Site Location Map
Plains Marketing, L.P.
TNM 97-18
NMOCD Reference # AP-13-0
Lea County, NM

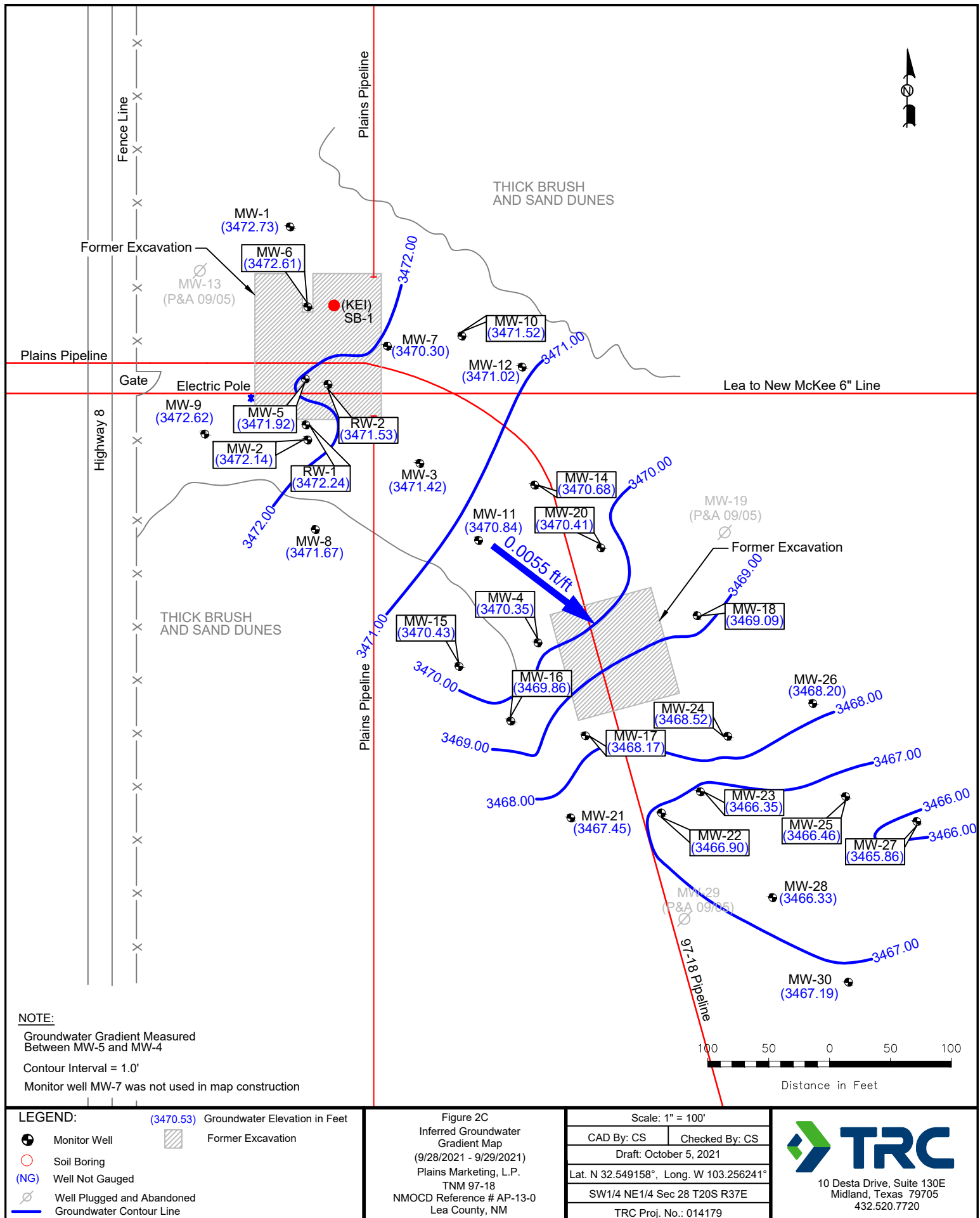
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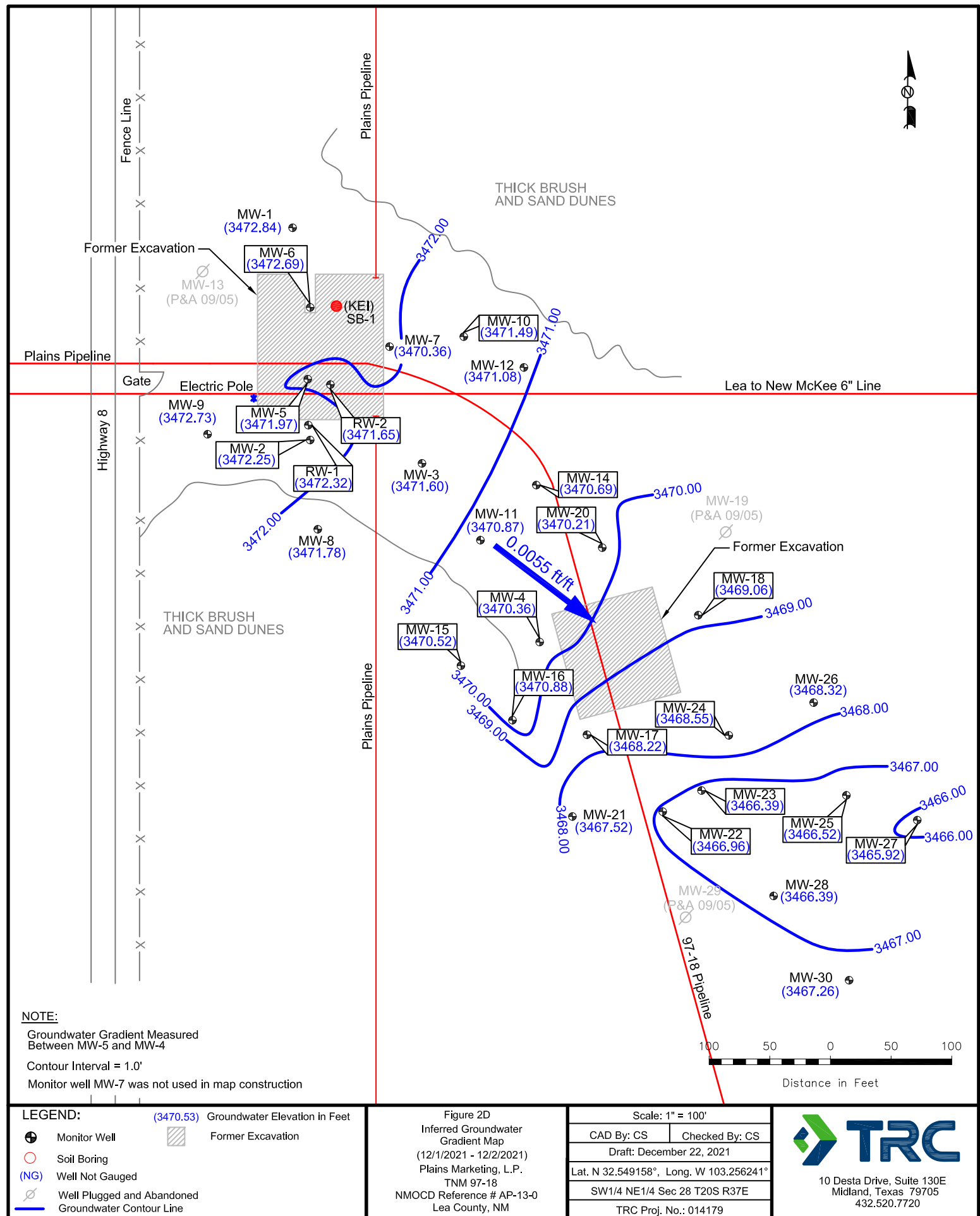
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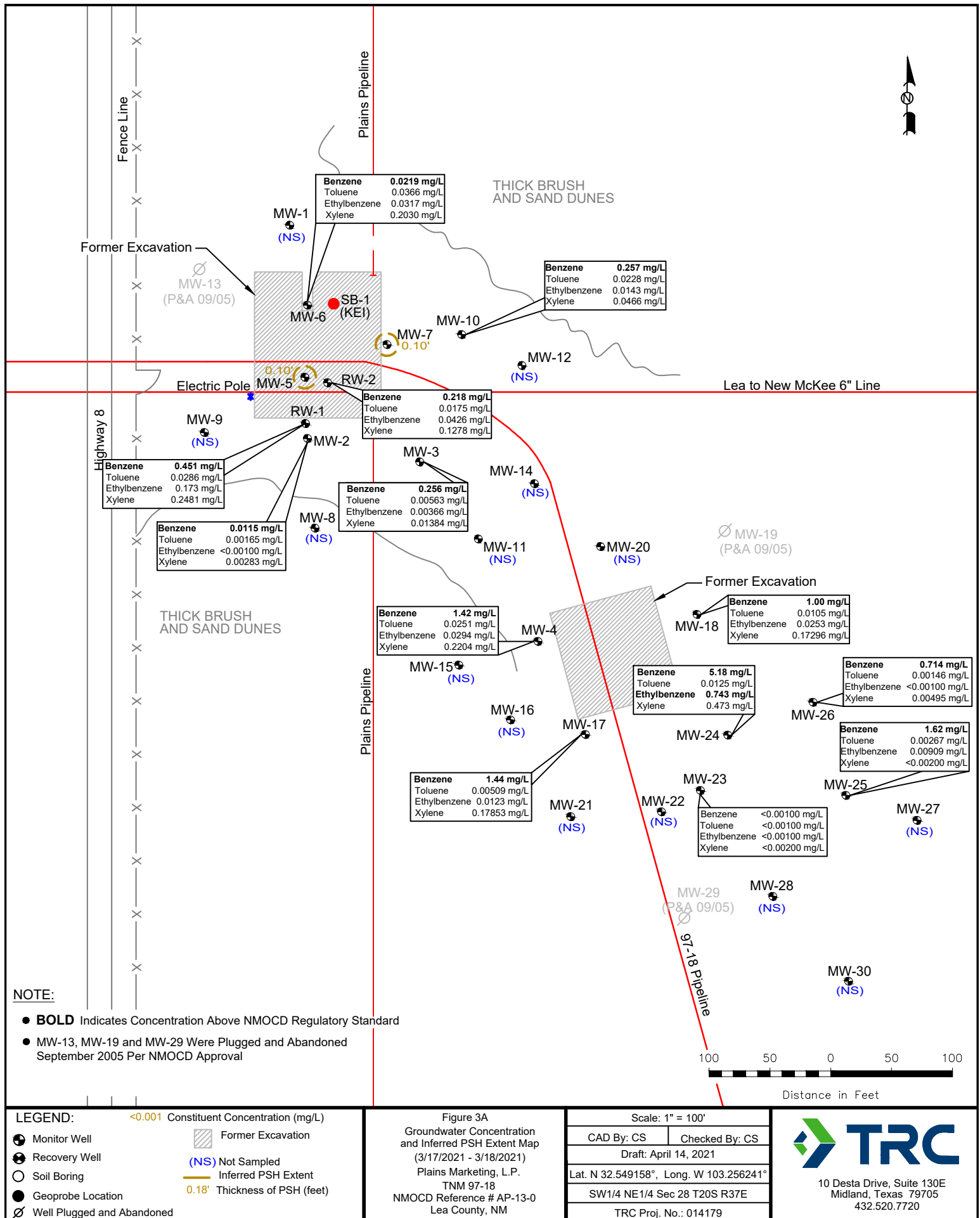
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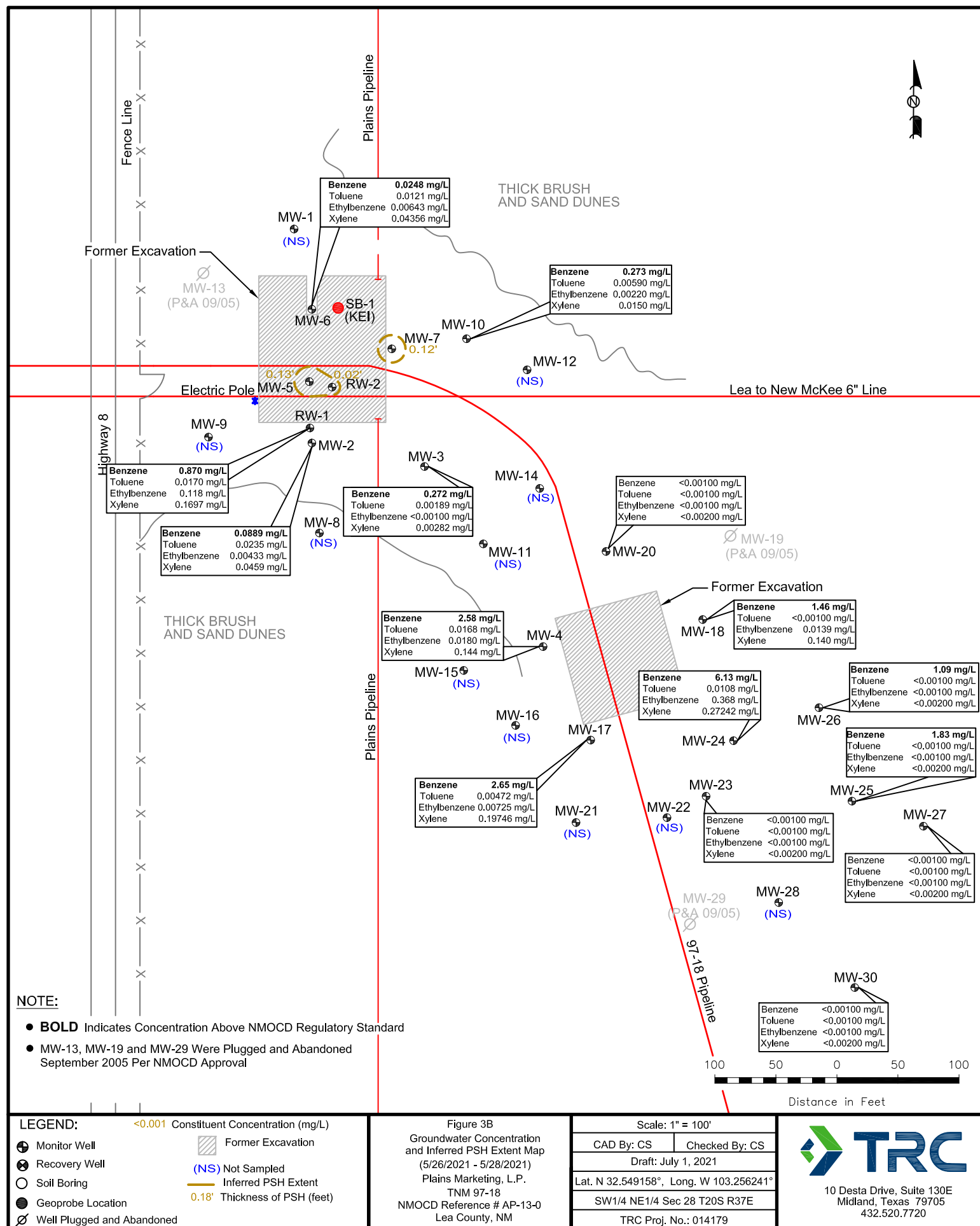


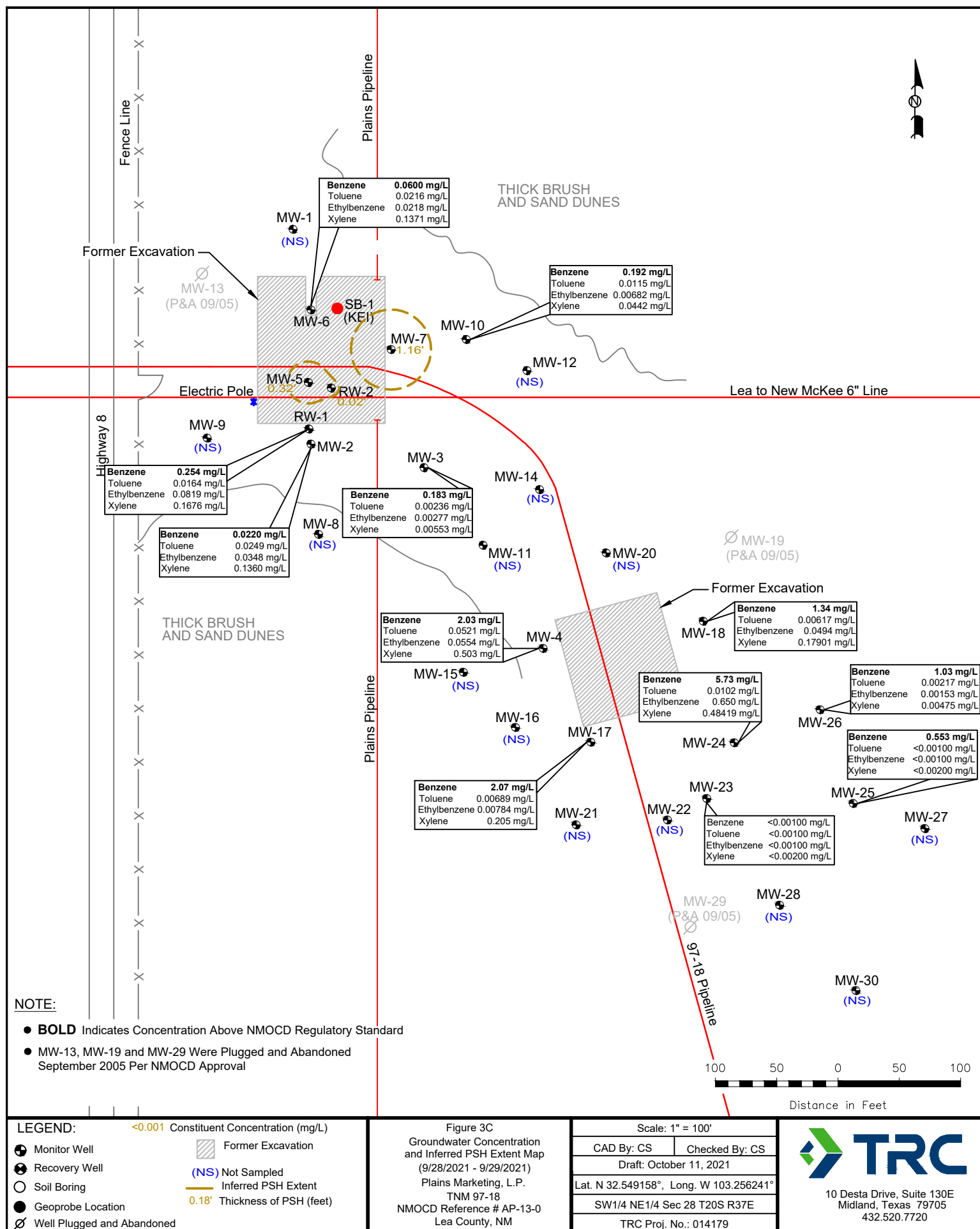


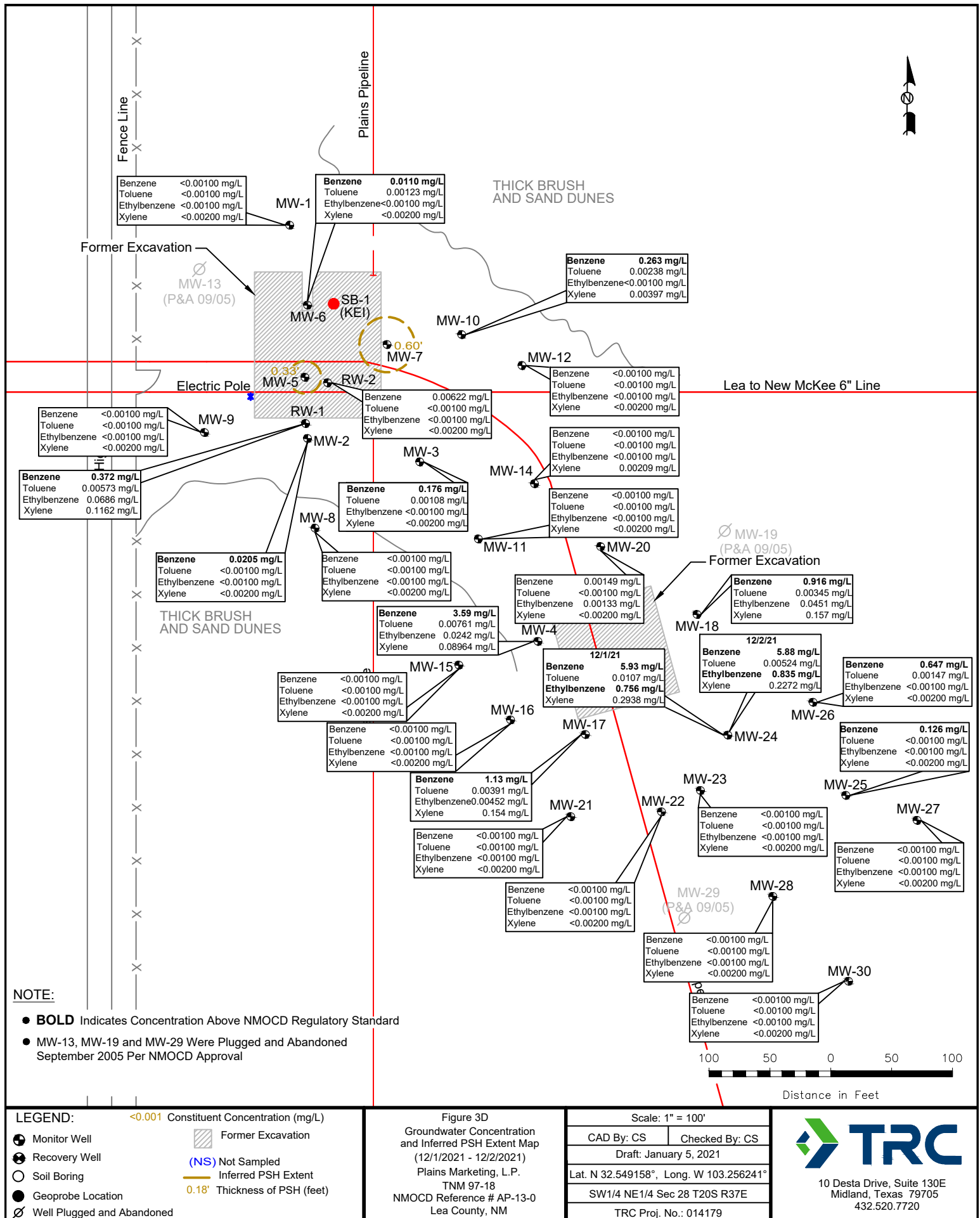












TABLES

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	01/21/21	3500.17	-	26.86	0.00	3473.31
MW - 1	03/17/21	3500.17	-	26.95	0.00	3473.22
MW - 1	05/26/21	3500.17	-	26.98	0.00	3473.19
MW - 1	07/26/21	3500.17	-	27.19	0.00	3472.98
MW - 1	09/28/21	3500.17	-	27.44	0.00	3472.73
MW - 1	10/13/21	3500.17	-	27.38	0.00	3472.79
MW - 1	12/02/21	3500.17	-	27.33	0.00	3472.84
MW - 2	01/21/21	3499.19	-	26.48	0.00	3472.71
MW - 2	03/17/21	3499.19	-	26.66	0.00	3472.53
MW - 2	05/27/21	3499.19	-	26.62	0.00	3472.57
MW - 2	07/26/21	3499.19	-	26.80	0.00	3472.39
MW - 2	07/27/21	3499.19	-	26.80	0.00	3472.39
MW - 2	09/29/21	3499.19	-	27.05	0.00	3472.14
MW - 2	10/13/21	3499.19	-	26.99	0.00	3472.20
MW - 2	10/29/21	3499.19	-	27.09	0.00	3472.10
MW - 2	12/02/21	3499.19	-	26.94	0.00	3472.25
MW - 3	01/21/21	3500.05	-	28.09	0.00	3471.96
MW - 3	03/17/21	3500.05	-	28.32	0.00	3471.73
MW - 3	05/27/21	3500.05	-	28.28	0.00	3471.77
MW - 3	07/26/21	3500.05	-	28.40	0.00	3471.65
MW - 3	07/27/21	3500.05	-	28.40	0.00	3471.65
MW - 3	09/29/21	3500.05	-	28.63	0.00	3471.42
MW - 3	10/13/21	3500.05	-	28.57	0.00	3471.48
MW - 3	10/29/21	3500.05	-	28.70	0.00	3471.35
MW - 3	12/01/21	3500.05	-	28.45	0.00	3471.60
MW - 4	01/21/21	3498.38	-	27.63	0.00	3470.75
MW - 4	03/18/21	3498.38	-	27.87	0.00	3470.51
MW - 4	05/27/21	3498.38	-	27.79	0.00	3470.59
MW - 4	07/26/21	3498.38	-	27.77	0.00	3470.61
MW - 4	07/27/21	3498.38	-	27.77	0.00	3470.61
MW - 4	09/29/21	3498.38	-	28.03	0.00	3470.35
MW - 4	10/13/21	3498.38	-	27.92	0.00	3470.46
MW - 4	10/29/21	3498.38	-	28.16	0.00	3470.22
MW - 4	12/02/21	3498.38	-	28.02	0.00	3470.36
MW - 5	01/21/21	3500.12	27.82	27.84	0.02	3472.30
MW - 5	03/18/21	3500.12	28.04	28.14	0.10	3472.07
MW - 5	05/28/21	3500.12	27.95	28.08	0.13	3472.15
MW - 5	07/26/21	3500.12	27.95	28.25	0.30	3472.13
MW - 5	07/27/21	3500.12	27.95	28.25	0.30	3472.13

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	09/29/21	3500.12	28.15	28.47	0.32	3471.92
MW - 5	10/13/21	3500.12	28.14	28.43	0.29	3471.94
MW - 5	12/01/21	3500.12	28.10	28.43	0.33	3471.97
MW - 6	01/15/21	3499.82	-	26.76	0.00	3473.06
MW - 6	01/21/21	3499.82	-	26.65	0.00	3473.17
MW - 6	02/23/21	3499.82	-	26.72	0.00	3473.10
MW - 6	03/05/21	3499.82	-	26.83	0.00	3472.99
MW - 6	03/17/21	3499.82	-	26.80	0.00	3473.02
MW - 6	04/16/21	3499.82	-	26.77	0.00	3473.05
MW - 6	05/27/21	3499.82	-	26.81	0.00	3473.01
MW - 6	07/26/21	3499.82	-	26.99	0.00	3472.83
MW - 6	07/27/21	3499.82	-	26.99	0.00	3472.83
MW - 6	09/29/21	3499.82	-	27.21	0.00	3472.61
MW - 6	10/13/21	3499.82	-	27.18	0.00	3472.64
MW - 6	10/29/21	3499.82	-	27.26	0.00	3472.56
MW - 6	11/24/21	3499.82	-	27.14	0.00	3472.68
MW - 6	12/02/21	3499.82	-	27.13	0.00	3472.69
MW - 7	01/15/21	3498.33	27.64	27.68	0.04	3470.68
MW - 7	01/21/21	3498.33	27.48	27.49	0.01	3470.85
MW - 7	02/23/21	3498.33	27.58	27.72	0.14	3470.73
MW - 7	03/05/21	3498.33	-	27.70	0.00	3470.63
MW - 7	03/18/21	3498.33	27.69	27.79	0.10	3470.63
MW - 7	04/16/21	3498.33	27.59	27.77	0.18	3470.71
MW - 7	05/20/21	3498.33	27.50	27.92	0.42	3470.77
MW - 7	05/28/21	3498.33	27.63	27.75	0.12	3470.68
MW - 7	07/26/21	3498.33	27.74	28.40	0.66	3470.49
MW - 7	07/27/21	3498.33	27.74	28.40	0.66	3470.49
MW - 7	09/29/21	3498.33	27.86	29.02	1.16	3470.30
MW - 7	10/13/21	3498.33	27.90	28.82	0.92	3470.29
MW - 7	11/24/21	3498.33	27.85	28.75	0.90	3470.35
MW - 7	12/01/21	3498.33	27.88	28.48	0.60	3470.36
MW - 8	01/21/21	3502.23	-	29.97	0.00	3472.26
MW - 8	03/17/21	3502.23	-	30.13	0.00	3472.10
MW - 8	05/26/21	3502.23	-	30.15	0.00	3472.08
MW - 8	07/26/21	3502.23	-	30.28	0.00	3471.95
MW - 8	09/28/21	3502.23	-	30.56	0.00	3471.67
MW - 8	10/13/21	3502.23	-	30.50	0.00	3471.73
MW - 8	12/01/21	3502.23	-	30.45	0.00	3471.78
MW - 9	01/21/21	3502.24	-	29.04	0.00	3473.20

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	03/17/21	3502.24	-	29.16	0.00	3473.08
MW - 9	05/26/21	3502.24	-	29.18	0.00	3473.06
MW - 9	07/26/21	3502.24	-	29.35	0.00	3472.89
MW - 9	09/28/21	3502.24	-	29.62	0.00	3472.62
MW - 9	10/13/21	3502.24	-	29.56	0.00	3472.68
MW - 9	12/01/21	3502.24	-	29.51	0.00	3472.73
MW - 10	01/21/21	3499.42	-	27.42	0.00	3472.00
MW - 10	02/23/21	3499.42	-	27.52	0.00	3471.90
MW - 10	03/05/21	3499.42	-	27.66	0.00	3471.76
MW - 10	03/17/21	3499.42	-	27.61	0.00	3471.81
MW - 10	04/16/21	3499.42	-	27.53	0.00	3471.89
MW - 10	05/27/21	3499.42	-	27.55	0.00	3471.87
MW - 10	07/26/21	3499.42	-	27.69	0.00	3471.73
MW - 10	07/27/21	3499.42	-	27.69	0.00	3471.73
MW - 10	09/29/21	3499.42	-	27.90	0.00	3471.52
MW - 10	10/13/21	3499.42	-	27.88	0.00	3471.54
MW - 10	10/29/21	3499.42	-	28.00	0.00	3471.42
MW - 10	11/24/21	3499.42	-	27.88	0.00	3471.54
MW - 10	12/01/21	3499.42	-	27.93	0.00	3471.49
MW - 11	01/21/21	3498.18	-	26.89	0.00	3471.29
MW - 11	03/17/21	3498.18	-	27.07	0.00	3471.11
MW - 11	05/26/21	3498.18	-	27.02	0.00	3471.16
MW - 11	07/26/21	3498.18	-	27.05	0.00	3471.13
MW - 11	09/28/21	3498.18	-	27.34	0.00	3470.84
MW - 11	10/13/21	3498.18	-	27.23	0.00	3470.95
MW - 11	12/01/21	3498.18	-	27.31	0.00	3470.87
MW - 12	01/21/21	3499.66	-	28.14	0.00	3471.52
MW - 12	03/17/21	3499.66	-	28.34	0.00	3471.32
MW - 12	05/26/21	3499.66	-	28.28	0.00	3471.38
MW - 12	07/26/21	3499.66	-	28.40	0.00	3471.26
MW - 12	09/28/21	3499.66	-	28.64	0.00	3471.02
MW - 12	10/13/21	3499.66	-	28.59	0.00	3471.07
MW - 12	12/01/21	3499.66	-	28.58	0.00	3471.08
MW - 14	01/21/21	3498.54	-	27.45	0.00	3471.09
MW - 14	03/17/21	3498.54	-	27.64	0.00	3470.90
MW - 14	05/26/21	3498.54	-	27.56	0.00	3470.98
MW - 14	09/28/21	3498.54	-	27.86	0.00	3470.68
MW - 14	10/13/21	3498.54	-	27.73	0.00	3470.81
MW - 14	12/01/21	3498.54	-	27.85	0.00	3470.69

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	01/21/21	3500.65	-	29.70	0.00	3470.95
MW - 15	03/17/21	3500.65	-	29.87	0.00	3470.78
MW - 15	05/26/21	3500.65	-	29.85	0.00	3470.80
MW - 15	07/26/21	3500.65	-	29.91	0.00	3470.74
MW - 15	09/28/21	3500.65	-	30.22	0.00	3470.43
MW - 15	10/13/21	3500.65	-	30.10	0.00	3470.55
MW - 15	12/01/21	3500.65	-	30.13	0.00	3470.52
MW - 16	01/21/21	3501.45	-	31.09	0.00	3470.36
MW - 16	03/17/21	3501.45	-	31.27	0.00	3470.18
MW - 16	05/26/21	3501.45	-	31.25	0.00	3470.20
MW - 16	07/26/21	3501.45	-	31.30	0.00	3470.15
MW - 16	09/28/21	3501.45	-	31.59	0.00	3469.86
MW - 16	10/13/21	3501.45	-	31.49	0.00	3469.96
MW - 16	12/01/21	3501.45	-	30.57	0.00	3470.88
MW - 17	01/21/21	3497.25	-	28.65	0.00	3468.60
MW - 17	03/18/21	3497.25	-	28.85	0.00	3468.40
MW - 17	05/27/21	3497.25	-	28.78	0.00	3468.47
MW - 17	07/26/21	3497.25	-	28.82	0.00	3468.43
MW - 17	07/27/21	3497.25	-	28.82	0.00	3468.43
MW - 17	09/29/21	3497.25	-	29.08	0.00	3468.17
MW - 17	10/13/21	3497.25	-	29.02	0.00	3468.23
MW - 17	10/29/21	3497.25	-	29.18	0.00	3468.07
MW - 17	12/01/21	3497.25	-	29.03	0.00	3468.22
MW - 18	01/21/21	3497.25	-	27.94	0.00	3469.31
MW - 18	03/18/21	3497.25	-	28.00	0.00	3469.25
MW - 18	05/27/21	3497.25	-	27.93	0.00	3469.32
MW - 18	07/26/21	3497.25	-	27.85	0.00	3469.40
MW - 18	07/27/21	3497.25	-	27.85	0.00	3469.40
MW - 18	09/29/21	3497.25	-	28.16	0.00	3469.09
MW - 18	10/13/21	3497.25	-	27.96	0.00	3469.29
MW - 18	10/29/21	3497.25	-	28.20	0.00	3469.05
MW - 18	12/01/21	3497.25	-	28.19	0.00	3469.06
MW - 20	01/21/21	3496.59	-	26.09	0.00	3470.50
MW - 20	03/17/21	3496.59	-	26.28	0.00	3470.31
MW - 20	05/27/21	3496.59	-	26.02	0.00	3470.57
MW - 20	07/26/21	3496.59	-	25.92	0.00	3470.67
MW - 20	09/29/21	3496.59	-	26.18	0.00	3470.41
MW - 20	10/13/21	3496.59	-	25.60	0.00	3470.99
MW - 20	12/01/21	3496.59	-	26.38	0.00	3470.21

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 21	01/21/21	3503.03	-	35.11	0.00	3467.92
MW - 21	03/17/21	3503.03	-	35.27	0.00	3467.76
MW - 21	05/26/21	3503.03	-	35.24	0.00	3467.79
MW - 21	07/26/21	3503.03	-	35.31	0.00	3467.72
MW - 21	09/28/21	3503.03	-	35.58	0.00	3467.45
MW - 21	10/13/21	3503.03	-	35.52	0.00	3467.51
MW - 21	12/01/21	3503.03	-	35.51	0.00	3467.52
MW - 22	01/21/21	3500.05	-	32.74	0.00	3467.31
MW - 22	03/17/21	3500.05	-	32.82	0.00	3467.23
MW - 22	05/26/21	3500.05	-	32.79	0.00	3467.26
MW - 22	07/26/21	3500.05	-	32.89	0.00	3467.16
MW - 22	09/28/21	3500.05	-	33.15	0.00	3466.90
MW - 22	10/13/21	3500.05	-	33.10	0.00	3466.95
MW - 22	12/01/21	3500.05	-	33.09	0.00	3466.96
MW - 23	01/21/21	3498.88	-	32.13	0.00	3466.75
MW - 23	03/17/21	3498.88	-	32.22	0.00	3466.66
MW - 23	05/27/21	3498.88	-	32.18	0.00	3466.70
MW - 23	07/26/21	3498.88	-	32.26	0.00	3466.62
MW - 23	09/29/21	3498.88	-	32.53	0.00	3466.35
MW - 23	10/13/21	3498.88	-	32.48	0.00	3466.40
MW - 23	12/01/21	3498.88	-	32.49	0.00	3466.39
MW - 24	01/21/21	3498.79	-	29.88	0.00	3468.91
MW - 24	03/18/21	3498.79	-	29.97	0.00	3468.82
MW - 24	05/28/21	3498.79	-	29.93	0.00	3468.86
MW - 24	07/26/21	3498.79	-	30.00	0.00	3468.79
MW - 24	07/27/21	3498.79	-	30.00	0.00	3468.79
MW - 24	09/29/21	3498.79	-	30.27	0.00	3468.52
MW - 24	10/13/21	3498.79	-	30.21	0.00	3468.58
MW - 24	10/29/21	3498.79	-	30.32	0.00	3468.47
MW - 24	12/02/21	3498.79	-	30.24	0.00	3468.55
MW - 25	01/21/21	3498.08	-	31.22	0.00	3466.86
MW - 25	03/18/21	3498.08	-	31.30	0.00	3466.78
MW - 25	05/28/21	3498.08	-	31.25	0.00	3466.83
MW - 25	07/26/21	3498.08	-	31.34	0.00	3466.74
MW - 25	07/27/21	3498.08	-	31.34	0.00	3466.74
MW - 25	09/29/21	3498.08	-	31.62	0.00	3466.46
MW - 25	10/13/21	3498.08	-	31.60	0.00	3466.48
MW - 25	12/01/21	3498.08	-	31.56	0.00	3466.52

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	01/21/21	3499.18	-	30.61	0.00	3468.57
MW - 26	03/18/21	3499.18	-	30.68	0.00	3468.50
MW - 26	05/27/21	3499.18	-	30.62	0.00	3468.56
MW - 26	07/26/21	3499.18	-	30.67	0.00	3468.51
MW - 26	07/27/21	3499.18	-	30.67	0.00	3468.51
MW - 26	09/29/21	3499.18	-	30.98	0.00	3468.20
MW - 26	10/13/21	3499.18	-	30.95	0.00	3468.23
MW - 26	10/29/21	3499.18	-	31.00	0.00	3468.18
MW - 26	12/01/21	3499.18	-	30.86	0.00	3468.32
MW - 27	01/21/21	3498.03	-	31.74	0.00	3466.29
MW - 27	03/17/21	3498.03	-	31.83	0.00	3466.20
MW - 27	05/27/21	3498.03	-	31.78	0.00	3466.25
MW - 27	07/26/21	3498.03	-	31.86	0.00	3466.17
MW - 27	09/28/21	3498.03	-	32.17	0.00	3465.86
MW - 27	10/13/21	3498.03	-	32.12	0.00	3465.91
MW - 27	12/01/21	3498.03	-	32.11	0.00	3465.92
MW - 28	01/21/21	3498.69	-	31.95	0.00	3466.74
MW - 28	03/17/21	3498.69	-	32.05	0.00	3466.64
MW - 28	05/26/21	3498.69	-	32.00	0.00	3466.69
MW - 28	07/26/21	3498.69	-	32.11	0.00	3466.58
MW - 28	09/28/21	3498.69	-	32.36	0.00	3466.33
MW - 28	10/13/21	3498.69	-	32.33	0.00	3466.36
MW - 28	12/01/21	3498.69	-	32.30	0.00	3466.39
MW - 30	01/21/21	3498.65	-	31.03	0.00	3467.62
MW - 30	03/17/21	3498.65	-	31.14	0.00	3467.51
MW - 30	05/27/21	3498.65	-	31.09	0.00	3467.56
MW - 30	07/26/21	3498.65	-	31.20	0.00	3467.45
MW - 30	09/28/21	3498.65	-	31.46	0.00	3467.19
MW - 30	10/13/21	3498.65	-	31.43	0.00	3467.22
MW - 30	12/01/21	3498.65	-	31.39	0.00	3467.26
RW - 1	01/21/21	3498.89	-	26.09	0.00	3472.80
RW - 1	03/18/21	3498.89	-	26.26	0.00	3472.63
RW - 1	05/27/21	3498.89	-	26.34	0.00	3472.55
RW - 1	07/26/21	3498.89	-	26.48	0.00	3472.41
RW - 1	07/27/21	3498.89	-	26.48	0.00	3472.41
RW - 1	09/29/21	3498.89	-	26.65	0.00	3472.24
RW - 1	10/13/21	3498.89	-	26.63	0.00	3472.26
RW - 1	10/29/21	3498.89	-	26.77	0.00	3472.12
RW - 1	12/01/21	3498.89	-	26.57	0.00	3472.32

TABLE 1

2021 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	01/15/21	3498.99	-	27.00	0.00	3471.99
RW - 2	01/21/21	3498.99	-	26.90	0.00	3472.09
RW - 2	02/23/21	3498.99	-	26.97	0.00	3472.02
RW - 2	03/05/21	3498.99	-	27.05	0.00	3471.94
RW - 2	03/18/21	3498.99	-	27.04	0.00	3471.95
RW - 2	04/16/21	3498.99	-	27.00	0.00	3471.99
RW - 2	05/27/21	3498.99	27.04	27.06	0.02	3471.95
RW - 2	07/26/21	3498.99		27.25	0.00	3471.74
RW - 2	07/27/21	3498.99		27.25	0.00	3471.74
RW - 2	09/29/21	3498.99	27.46	27.48	0.02	3471.53
RW - 2	10/13/21	3498.99		27.45	0.00	3471.54
RW - 2	11/24/21	3498.99		27.42	0.00	3471.57
RW - 2	12/02/21	3498.99		27.34	0.00	3471.65

Elevation based on the North American Vertical Datum of 1929.

TABLE 2
2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 1	03/17/21	Not Sampled on Current Sample Schedule				
MW - 1	05/27/21	Not Sampled on Current Sample Schedule				
MW - 1	09/28/21	Not Sampled on Current Sample Schedule				
MW - 1	12/02/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	03/17/21	0.0115	0.00165	<0.00100	0.00283	
MW - 2	05/27/21	0.0889	0.0235	0.00433	0.0459	
MW - 2	09/29/21	0.0220	0.0249	0.0348	0.1360	
MW - 2	12/02/21	0.0205	<0.00100	<0.00100	<0.00200	
MW - 3	03/17/21	0.256	0.00563	0.00366	0.01384	
MW - 3	05/27/21	0.272	0.00189	<0.00100	0.00282	
MW - 3	09/29/21	0.183	0.00236	0.00277	0.00553	
MW - 3	12/01/21	0.176	0.00108	<0.00100	<0.00200	
MW - 4	03/18/21	1.42	0.0251	0.0294	0.2204	
MW - 4	05/27/21	2.58	0.0168	0.0180	0.144	
MW - 4	09/29/21	2.03	0.0521	0.0554	0.503	
MW - 4	12/02/21	3.59	0.00761	0.0242	0.08964	
MW - 5	03/18/21	Not Sampled Due to PSH in Well				
MW - 5	05/27/21	Not Sampled Due to PSH in Well				
MW - 5	09/29/21	Not Sampled Due to PSH in Well				
MW - 5	12/01/21	Not Sampled Due to PSH in Well				
MW - 6	03/18/21	0.0219	0.0366	0.0317	0.2030	
MW - 6	05/27/21	0.0248	0.0121	0.00643	0.04356	
MW - 6	09/29/21	0.0600	0.0216	0.0218	0.1371	
MW - 6	12/02/21	0.0110	0.00123	<0.00100	<0.00200	
MW - 7	03/18/21	Not Sampled Due to PSH in Well				
MW - 7	05/27/21	Not Sampled Due to PSH in Well				
MW - 7	09/29/21	Not Sampled Due to PSH in Well				
MW - 7	12/01/21	Not Sampled Due to PSH in Well				
MW - 8	03/17/21	Not Sampled on Current Sample Schedule				
MW - 8	05/27/21	Not Sampled on Current Sample Schedule				
MW - 8	09/28/21	Not Sampled on Current Sample Schedule				
MW - 8	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 2
2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 9	03/17/21	Not Sampled on Current Sample Schedule				
MW - 9	05/27/21	Not Sampled on Current Sample Schedule				
MW - 9	09/28/21	Not Sampled on Current Sample Schedule				
MW - 9	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	03/17/21	0.257	0.0228	0.0143	0.0466	
MW - 10	05/27/21	0.273	0.00590	0.00220	0.0150	
MW - 10	09/29/21	0.192	0.0115	0.00682	0.0442	
MW - 10	12/01/21	0.263	0.00238	<0.00100	0.00397	
MW - 11	03/17/21	Not Sampled on Current Sample Schedule				
MW - 11	05/27/21	Not Sampled on Current Sample Schedule				
MW - 11	09/28/21	Not Sampled on Current Sample Schedule				
MW - 11	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	03/17/21	Not Sampled on Current Sample Schedule				
MW - 12	05/27/21	Not Sampled on Current Sample Schedule				
MW - 12	09/28/21	Not Sampled on Current Sample Schedule				
MW - 12	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	03/17/21	Not Sampled on Current Sample Schedule				
MW - 14	05/27/21	Not Sampled on Current Sample Schedule				
MW - 14	09/28/21	Not Sampled on Current Sample Schedule				
MW - 14	12/01/21	<0.00100	<0.00100	<0.00100	0.00209	
MW - 15	03/17/21	Not Sampled on Current Sample Schedule				
MW - 15	05/27/21	Not Sampled on Current Sample Schedule				
MW - 15	09/28/21	Not Sampled on Current Sample Schedule				
MW - 15	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	03/17/21	Not Sampled on Current Sample Schedule				
MW - 16	05/27/21	Not Sampled on Current Sample Schedule				
MW - 16	09/28/21	Not Sampled on Current Sample Schedule				
MW - 16	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	03/18/21	1.44	0.00509	0.0123	0.17853	
MW - 17	05/28/21	2.65	0.00472	0.00725	0.19746	
MW - 17	09/29/21	2.07	0.00689	0.00784	0.205	
MW - 17	12/01/21	1.13	0.00391	0.00452	0.154	

TABLE 2
2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCDC REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 18	03/18/21	1.00	0.0105	0.0253	0.17296	
MW - 18	05/27/21	1.46	<0.00100	0.0139	0.140	
MW - 18	09/29/21	1.34	0.00617	0.0494	0.17901	
MW - 18	12/01/21	0.916	0.00345	0.0451	0.157	
MW - 20	03/17/21	Not Sampled on Current Sample Schedule				
MW - 20	05/27/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	09/28/21	Not Sampled on Current Sample Schedule				
MW - 20	12/01/21	0.00149	<0.00100	0.00133	<0.00200	
MW - 21	03/17/21	Not Sampled on Current Sample Schedule				
MW - 21	05/27/21	Not Sampled on Current Sample Schedule				
MW - 21	09/28/21	Not Sampled on Current Sample Schedule				
MW - 21	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 22	03/17/21	Not Sampled on Current Sample Schedule				
MW - 22	05/27/21	Not Sampled on Current Sample Schedule				
MW - 22	09/28/21	Not Sampled on Current Sample Schedule				
MW - 22	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	03/17/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	05/27/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	09/29/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	03/18/21	5.18	0.0125	0.743	0.473	
MW - 24	05/28/21	6.13	0.0108	0.368	0.27242	
MW - 24	09/29/21	5.73	0.0102	0.650	0.48419	
MW - 24	12/01/21	5.93	0.0107	0.756	0.2938	
MW - 24*	12/02/21	5.88	0.00524	0.835	0.2272	
MW - 25	03/18/21	1.62	0.00267	0.00909	<0.00200	
MW - 25	05/28/21	1.83	<0.00100	<0.00100	<0.00200	
MW - 25	09/29/21	0.553	<0.00100	<0.00100	<0.00200	
MW - 25	12/01/21	0.126	<0.00100	<0.00100	<0.00200	
MW - 26	03/18/21	0.714	0.00146	<0.00100	0.00495	
MW - 26	05/27/21	1.09	<0.00100	<0.00100	<0.00200	
MW - 26	09/29/21	1.03	0.00217	0.00153	0.00475	
MW - 26	12/01/21	0.647	0.00147	<0.00100	<0.00200	

TABLE 2
2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCB REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 27	03/17/21	Not Sampled on Current Sample Schedule				
MW - 27	05/27/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	09/28/21	Not Sampled on Current Sample Schedule				
MW - 27	12/02/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	03/17/21	Not Sampled on Current Sample Schedule				
MW - 28	05/27/21	Not Sampled on Current Sample Schedule				
MW - 28	09/28/21	Not Sampled on Current Sample Schedule				
MW - 28	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 30	03/17/21	Not Sampled on Current Sample Schedule				
MW - 30	05/27/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 30	09/28/21	Not Sampled on Current Sample Schedule				
MW - 30	12/01/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 1	03/18/21	0.451	0.0286	0.173	0.2481	
RW - 1	05/27/21	0.870	0.0170	0.118	0.1697	
RW - 1	09/29/21	0.254	0.0164	0.0819	0.1676	
RW - 1	12/01/21	0.372	0.00573	0.0686	0.1162	
RW - 2	03/18/21	0.218	0.0175	0.0426	0.1278	
RW - 2	05/27/21	Not Sampled Due to PSH in Well				
RW - 2	09/29/21	Not Sampled Due to PSH in Well				
RW - 2	12/02/21	0.00622	<0.00100	<0.00100	<0.00200	

*Duplicate Sample

TABLE 3

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

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	Dibenzo[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 as part of Quarterly Monitoring Event.																		
MW-2	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/02/21	0.0026	0.00079	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0021	<0.00010	0.0022	<0.00010	0.0392		0.0028	
MW-5	12/01/21	Not Sampled due to the presence of PSH.																		
MW-6	12/02/21	0.0011	0.00036	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0011	<0.00010	0.0016	<0.00010	0.0172		0.0015	
MW-7	12/01/21	Not Sampled due to the presence of PSH.																		
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	12/01/21	0.0010	<0.000099	0.00016	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	0.0011	<0.000099	0.0015	<0.000099	0.01478		0.0014	
MW-11	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/01/21	0.0010	0.00029	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00014	<0.00010	0.00012	0.0020	<0.00010	0.0025	<0.00010	0.0780		0.0035	

TABLE 3

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

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	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
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-18	12/01/21	0.00090	0.00034	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0014	<0.00010	0.0020	<0.00010	0.04103		0.0024
MW-20	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-21	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-22	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-23	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-24	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-25	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-27	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-30	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																	
RW-1	12/01/21	0.0027	<0.00010	0.00053	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0021	<0.00010	0.0078	<0.00010	0.085		0.0031
RW-2	12/02/21	Not Sampled																	

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	02/03/99	3500.17	-	28.96	0.00	3471.21
MW - 1	05/13/99	3500.17	-	28.48	0.00	3471.69
MW - 1	08/24/99	3500.17	-	28.94	0.00	3471.23
MW - 1	11/30/99	3500.17	-	28.39	0.00	3471.78
MW - 1	03/03/00	3500.17	-	28.60	0.00	3471.57
MW - 1	05/16/00	3500.17	-	28.68	0.00	3471.49
MW - 1	09/01/00	3500.17	-	29.06	0.00	3471.11
MW - 1	11/21/00	3500.17	-	29.23	0.00	3470.94
MW - 1	03/05/01	3500.17	-	28.94	0.00	3471.23
MW - 1	05/17/01	3500.17	-	28.72	0.00	3471.45
MW - 1	08/27/01	3500.17	-	29.95	0.00	3470.22
MW - 1	10/24/01	3500.17	-	28.65	0.00	3471.52
MW - 1	03/27/02	3500.17	-	28.49	0.00	3471.68
MW - 1	05/14/02	3500.17	-	28.14	0.00	3472.03
MW - 1	06/07/02	3500.17	-	28.30	0.00	3471.87
MW - 1	09/27/02	3500.17	-	28.41	0.00	3471.76
MW - 1	12/04/02	3500.17	-	28.15	0.00	3472.02
MW - 1	02/25/03	3500.17	-	28.07	0.00	3472.10
MW - 1	05/22/03	3500.17	-	28.19	0.00	3471.98
MW - 1	08/26/03	3500.17	-	29.31	0.00	3470.86
MW - 1	11/25/03	3500.17	-	29.54	0.00	3470.63
MW - 1	02/10/04	3500.17	-	29.54	0.00	3470.63
MW - 1	05/10/04	3500.17	-	26.54	0.00	3473.63
MW - 1	08/25/04	3500.17	-	27.32	0.00	3472.85
MW - 1	12/01/04	3500.17	-	25.67	0.00	3474.50
MW - 1	03/10/05	3500.17	-	25.35	0.00	3474.82
MW - 1	06/10/05	3500.17	-	24.95	0.00	3475.22
MW - 1	09/09/05	3500.17	-	25.31	0.00	3474.86
MW - 1	12/05/05	3500.17	-	25.17	0.00	3475.00
MW - 1	03/09/06	3500.17	-	25.06	0.00	3475.11
MW - 1	06/08/06	3500.17	-	25.37	0.00	3474.80
MW - 1	09/15/06	3500.17	-	25.12	0.00	3475.05
MW - 1	11/29/06	3500.17	-	25.00	0.00	3475.17
MW - 1	12/18/06	3500.17	sheen	24.52	0.00	3475.65
MW - 1	01/04/07	3500.17	sheen	24.52	0.00	3475.65
MW - 1	02/26/07	3500.17	-	24.96	0.00	3475.21
MW - 1	05/21/07	3500.17	-	24.70	0.00	3475.47
MW - 1	08/16/07	3500.17	-	25.14	0.00	3475.03
MW - 1	11/07/07	3500.17	-	24.91	0.00	3475.26
MW - 1	02/12/08	3500.17	-	24.97	0.00	3475.20
MW - 1	05/15/08	3500.17	-	25.07	0.00	3475.10
MW - 1	08/18/08	3500.17	-	25.94	0.00	3474.23
MW - 1	11/13/08	3500.17	-	25.50	0.00	3474.67

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	02/11/09	3500.17	-	25.58	0.00	3474.59
MW - 1	05/13/09	3500.17	-	25.62	0.00	3474.55
MW - 1	08/11/09	3500.17	-	26.42	0.00	3473.75
MW - 1	11/23/09	3500.17	-	26.61	0.00	3473.56
MW - 1	01/05/10	3500.17	-	26.63	0.00	3473.54
MW - 1	02/10/10	3500.17	-	26.69	0.00	3473.48
MW - 1	05/25/10	3500.17	-	26.58	0.00	3473.59
MW - 1	08/13/10	3500.17	-	26.57	0.00	3473.60
MW - 1	11/17/10	3500.17	-	26.60	0.00	3473.57
MW - 1	02/22/11	3500.17	-	26.63	0.00	3473.54
MW - 1	05/17/11	3500.17	-	26.63	0.00	3473.54
MW - 1	08/11/11	3500.17	-	27.32	0.00	3472.85
MW - 1	11/08/11	3500.17	-	27.54	0.00	3472.63
MW - 1	03/01/12	3500.17	-	27.19	0.00	3472.98
MW - 1	05/23/12	3500.17	-	27.22	0.00	3472.95
MW - 1	08/09/12	3500.17	-	27.80	0.00	3472.37
MW - 1	11/19/12	3500.17	-	27.77	0.00	3472.40
MW - 1	02/12/13	3500.17	-	27.68	0.00	3472.49
MW - 1	05/15/13	3500.17	-	27.57	0.00	3472.60
MW - 1	08/07/13	3500.17	-	28.30	0.00	3471.87
MW - 1	11/26/13	3500.17	-	28.28	0.00	3471.89
MW - 1	02/10/14	3500.17	-	28.08	0.00	3472.09
MW - 1	04/14/14	3500.17	-	28.07	0.00	3472.10
MW - 1	05/22/14	3500.17	-	28.13	0.00	3472.04
MW - 1	07/22/14	3500.17	-	28.93	0.00	3471.24
MW - 1	08/13/14	3500.17	-	29.09	0.00	3471.08
MW - 1	10/27/14	3500.17	-	27.39	0.00	3472.78
MW - 1	11/05/14	3500.17	-	27.40	0.00	3472.77
MW - 1	01/09/15	3500.17	-	27.04	0.00	3473.13
MW - 1	02/17/15	3500.17	-	26.97	0.00	3473.20
MW - 1	03/31/15	3500.17	-	26.76	0.00	3473.41
MW - 1	05/14/15	3500.17	-	26.55	0.00	3473.62
MW - 1	07/09/15	3500.17	-	26.64	0.00	3473.53
MW - 1	08/04/15	3500.17	-	26.98	0.00	3473.19
MW - 1	11/16/15	3500.17	-	26.63	0.00	3473.54
MW - 1	01/15/16	3500.17	-	26.51	0.00	3473.66
MW - 1	02/10/16	3500.17	-	26.53	0.00	3473.64
MW - 1	04/15/16	3500.17	-	26.23	0.00	3473.94
MW - 1	05/24/16	3500.17	-	26.33	0.00	3473.84
MW - 1	06/28/16	3500.17	-	26.81	0.00	3473.36
MW - 1	07/21/16	3500.17	-	27.26	0.00	3472.91
MW - 1	08/18/16	3500.17	-	27.49	0.00	3472.68
MW - 1	10/25/16	3500.17	-	25.66	0.00	3474.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	11/21/16	3500.17	-	25.53	0.00	3474.64
MW - 1	12/27/16	3500.17	-	25.53	0.00	3474.64
MW - 1	01/24/17	3500.17	-	25.46	0.00	3474.71
MW - 1	02/28/17	3500.17	-	25.52	0.00	3474.65
MW - 1	04/19/17	3500.17	-	25.27	0.00	3474.90
MW - 1	05/18/17	3500.17	-	25.34	0.00	3474.83
MW - 1	06/12/17	3500.17	-	25.51	0.00	3474.66
MW - 1	07/25/17	3500.17	-	25.96	0.00	3474.21
MW - 1	08/14/17	3500.17	-	25.81	0.00	3474.36
MW - 1	10/17/17	3500.17	-	25.52	0.00	3474.65
MW - 1	11/15/17	3500.17	-	25.44	0.00	3474.73
MW - 1	01/17/18	3500.17	-	25.39	0.00	3474.78
MW - 1	02/19/18	3500.17	-	25.31	0.00	3474.86
MW - 1	03/28/18	3500.17	-	25.34	0.00	3474.83
MW - 1	04/27/18	3500.17	-	25.38	0.00	3474.79
MW - 1	05/15/18	3500.17	-	25.50	0.00	3474.67
MW - 1	06/29/18	3500.17	-	26.06	0.00	3474.11
MW - 1	07/16/18	3500.17	-	26.28	0.00	3473.89
MW - 1	08/14/18	3500.17	-	26.69	0.00	3473.48
MW - 1	10/08/18	3500.17	-	27.16	0.00	3473.01
MW - 1	12/14/18	3500.17	-	25.99	0.00	3474.18
MW - 1	01/29/19	3500.17	-	25.87	0.00	3474.30
MW - 1	03/04/19	3500.17	-	25.84	0.00	3474.33
MW - 1	03/29/19	3500.17	-	25.69	0.00	3474.48
MW - 1	04/18/19	3500.17	-	25.68	0.00	3474.49
MW - 1	05/13/19	3500.17	-	25.64	0.00	3474.53
MW - 1	06/06/19	3500.17	-	25.85	0.00	3474.32
MW - 1	07/17/19	3500.17	-	26.29	0.00	3473.88
MW - 1	09/10/19	3500.17	-	26.71	0.00	3473.46
MW - 1	10/16/19	3500.17	-	26.43	0.00	3473.74
MW - 1	12/03/19	3500.17	-	26.05	0.00	3474.12
MW - 1	12/30/19	3500.17	-	26.00	0.00	3474.17
MW - 1	01/14/20	3500.17	-	25.94	0.00	3474.23
MW - 1	02/12/20	3500.17	-	25.87	0.00	3474.30
MW - 1	05/15/20	3500.17	-	25.49	0.00	3474.68
MW - 1	06/24/20	3500.17	-	26.12	0.00	3474.05
MW - 1	07/28/20	3500.17	-	26.60	0.00	3473.57
MW - 1	08/18/20	3500.17	-	26.71	0.00	3473.46
MW - 1	09/11/20	3500.17	-	26.87	0.00	3473.30
MW - 1	10/30/20	3500.17	-	26.97	0.00	3473.20
MW - 1	11/10/20	3500.17	-	26.94	0.00	3473.23
MW - 1	12/30/20	3500.17	-	26.91	0.00	3473.26
MW - 1	01/21/21	3500.17	-	26.86	0.00	3473.31

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	03/17/21	3500.17	-	26.95	0.00	3473.22
MW - 1	05/26/21	3500.17	-	26.98	0.00	3473.19
MW - 1	07/26/21	3500.17	-	27.19	0.00	3472.98
MW - 1	09/28/21	3500.17	-	27.44	0.00	3472.73
MW - 1	10/13/21	3500.17	-	27.38	0.00	3472.79
MW - 1	12/02/21	3500.17	-	27.33	0.00	3472.84
MW - 2	02/03/99	3499.19	-	28.72	0.00	3470.47
MW - 2	05/13/99	3499.19	-	28.34	0.00	3470.85
MW - 2	08/24/99	3499.19	-	28.83	0.00	3470.36
MW - 2	11/30/99	3499.19	-	28.26	0.00	3470.93
MW - 2	03/03/00	3499.19	-	28.38	0.00	3470.81
MW - 2	05/16/00	3499.19	-	28.43	0.00	3470.76
MW - 2	09/01/00	3499.19	-	29.00	0.00	3470.19
MW - 2	11/21/00	3499.19	-	28.94	0.00	3470.25
MW - 2	03/05/01	3499.19	28.75	28.88	0.13	3470.42
MW - 2	05/17/01	3499.19	28.52	28.66	0.14	3470.65
MW - 2	08/27/01	3499.19	29.58	29.72	0.14	3469.59
MW - 2	10/24/01	3499.19	29.09	29.24	0.15	3470.08
MW - 2	03/27/02	3499.19	28.30	28.62	0.32	3470.84
MW - 2	05/14/02	3499.19	27.99	28.25	0.26	3471.16
MW - 2	06/07/02	3499.19	28.08	28.34	0.26	3471.07
MW - 2	09/27/02	3499.19	28.09	28.46	0.37	3471.04
MW - 2	10/29/02	3499.19	28.19	28.63	0.44	3470.93
MW - 2	11/07/02	3499.19	28.07	28.51	0.44	3471.05
MW - 2	12/04/02	3499.19	28.10	28.12	0.02	3471.09
MW - 2	01/07/03	3499.19	sheen	28.01	0.00	3471.18
MW - 2	01/27/03	3499.19	sheen	27.83	0.00	3471.36
MW - 2	02/25/03	3499.19	sheen	27.81	0.00	3471.38
MW - 2	03/06/03	3499.19	sheen	27.91	0.00	3471.28
MW - 2	03/11/03	3499.19	sheen	27.85	0.00	3471.34
MW - 2	03/20/03	3499.19	27.92	27.93	0.01	3471.27
MW - 2	04/02/03	3499.19	27.78	27.79	0.01	3471.41
MW - 2	04/16/03	3499.19	sheen	27.88	0.00	3471.31
MW - 2	04/23/03	3499.19	sheen	27.78	0.00	3471.41
MW - 2	04/29/03	3499.19	27.73	27.74	0.01	3471.46
MW - 2	05/15/03	3499.19	sheen	27.81	0.00	3471.38
MW - 2	05/22/03	3499.19	sheen	28.00	0.00	3471.19
MW - 2	05/28/03	3499.19	sheen	28.29	0.00	3470.90
MW - 2	06/04/03	3499.19	sheen	28.11	0.00	3471.08
MW - 2	06/10/03	3499.19	sheen	28.28	0.00	3470.91
MW - 2	06/26/03	3499.19	-	27.89	0.00	3471.30
MW - 2	07/07/03	3499.19	sheen	28.68	0.00	3470.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	07/30/03	3499.19	sheen	28.66	0.00	3470.53
MW - 2	08/05/03	3499.19	29.04	29.06	0.02	3470.15
MW - 2	08/21/03	3499.19	sheen	29.31	0.00	3469.88
MW - 2	08/26/03	3499.19	29.31	29.37	0.06	3469.87
MW - 2	09/08/03	3499.19	29.42	29.44	0.02	3469.77
MW - 2	09/15/03	3499.19	29.41	29.43	0.02	3469.78
MW - 2	09/24/03	3499.19	29.52	29.56	0.04	3469.66
MW - 2	10/02/03	3499.19	29.35	29.39	0.04	3469.83
MW - 2	10/08/03	3499.19	29.25	29.28	0.03	3469.94
MW - 2	10/16/03	3499.19	29.60	29.66	0.06	3469.58
MW - 2	10/28/03	3499.19	29.59	29.65	0.06	3469.59
MW - 2	11/11/03	3499.19	sheen	29.71	0.00	3469.48
MW - 2	11/18/03	3499.19	sheen	29.54	0.00	3469.65
MW - 2	11/25/03	3499.19	-	29.21	0.00	3469.98
MW - 2	12/08/03	3499.19	sheen	29.29	0.00	3469.90
MW - 2	01/27/04	3499.19	-	29.70	0.00	3469.49
MW - 2	02/02/04	3499.19	-	29.61	0.00	3469.58
MW - 2	02/10/04	3499.19	-	29.28	0.00	3469.91
MW - 2	02/20/04	3499.19	-	29.50	0.00	3469.69
MW - 2	03/04/04	3499.19	-	29.27	0.00	3469.92
MW - 2	03/16/04	3499.19	-	29.55	0.00	3469.64
MW - 2	03/25/04	3499.19	-	29.63	0.00	3469.56
MW - 2	03/31/04	3499.19	-	29.60	0.00	3469.59
MW - 2	04/01/04	3499.19	-	29.65	0.00	3469.54
MW - 2	04/08/04	3499.19	-	27.11	0.00	3472.08
MW - 2	04/14/04	3499.19	-	27.67	0.00	3471.52
MW - 2	04/16/04	3499.19	-	27.86	0.00	3471.33
MW - 2	04/22/04	3499.19	26.98	26.99	0.01	3472.21
MW - 2	04/29/04	3499.19	-	26.82	0.00	3472.37
MW - 2	05/05/04	3499.19	sheen	27.11	0.00	3472.08
MW - 2	05/10/04	3499.19	-	26.82	0.00	3472.37
MW - 2	06/08/04	3499.19	-	26.76	0.00	3472.43
MW - 2	06/17/04	3499.19	sheen	26.95	0.00	3472.24
MW - 2	06/22/04	3499.19	-	26.98	0.00	3472.21
MW - 2	06/25/04	3499.19	-	26.96	0.00	3472.23
MW - 2	06/26/04	3499.19	-	26.96	0.00	3472.23
MW - 2	06/29/04	3499.19	-	26.95	0.00	3472.24
MW - 2	07/01/04	3499.19	sheen	26.99	0.00	3472.20
MW - 2	07/08/04	3499.19	-	26.96	0.00	3472.23
MW - 2	07/13/04	3499.19	-	27.04	0.00	3472.15
MW - 2	07/20/04	3499.19	-	27.98	0.00	3471.21
MW - 2	08/04/04	3499.19	sheen	27.17	0.00	3472.02
MW - 2	08/10/04	3499.19	-	27.18	0.00	3472.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	08/17/04	3499.19	sheen	27.38	0.00	3471.81
MW - 2	08/23/04	3499.19	-	27.20	0.00	3471.99
MW - 2	08/25/04	3499.19	-	27.25	0.00	3471.94
MW - 2	08/31/04	3499.19	sheen	27.35	0.00	3471.84
MW - 2	09/13/04	3499.19	27.26	27.28	0.02	3471.93
MW - 2	09/20/04	3499.19	27.38	27.40	0.02	3471.81
MW - 2	09/30/04	3499.19	sheen	27.61	0.00	3471.58
MW - 2	10/04/04	3499.19	sheen	26.46	0.00	3472.73
MW - 2	10/11/04	3499.19	sheen	26.14	0.00	3473.05
MW - 2	10/18/04	3499.19	sheen	25.95	0.00	3473.24
MW - 2	10/27/04	3499.19	sheen	26.02	0.00	3473.17
MW - 2	11/02/04	3499.19	sheen	25.92	0.00	3473.27
MW - 2	11/08/04	3499.19	sheen	25.88	0.00	3473.31
MW - 2	11/23/04	3499.19	sheen	25.75	0.00	3473.44
MW - 2	12/01/04	3499.19	sheen	25.56	0.00	3473.63
MW - 2	12/02/04	3499.19	sheen	25.56	0.00	3473.63
MW - 2	12/08/04	3499.19	sheen	25.42	0.00	3473.77
MW - 2	12/14/04	3499.19	sheen	25.44	0.00	3473.75
MW - 2	12/21/04	3499.19	sheen	25.38	0.00	3473.81
MW - 2	12/29/04	3499.19	sheen	25.29	0.00	3473.90
MW - 2	01/11/05	3499.19	sheen	24.61	0.00	3474.58
MW - 2	01/14/05	3499.19	sheen	25.39	0.00	3473.80
MW - 2	01/18/05	3499.19	sheen	25.24	0.00	3473.95
MW - 2	01/21/05	3499.19	sheen	24.14	0.00	3475.05
MW - 2	01/25/05	3499.19	sheen	25.19	0.00	3474.00
MW - 2	01/28/05	3499.19	sheen	25.18	0.00	3474.01
MW - 2	02/02/05	3499.19	sheen	25.24	0.00	3473.95
MW - 2	02/05/05	3499.19	sheen	25.14	0.00	3474.05
MW - 2	02/08/05	3499.19	sheen	25.15	0.00	3474.04
MW - 2	02/11/05	3499.19	sheen	25.11	0.00	3474.08
MW - 2	02/15/05	3499.19	sheen	25.23	0.00	3473.96
MW - 2	02/18/05	3499.19	sheen	25.21	0.00	3473.98
MW - 2	02/22/05	3499.19	sheen	25.11	0.00	3474.08
MW - 2	02/25/05	3499.19	sheen	25.23	0.00	3473.96
MW - 2	03/01/05	3499.19	sheen	25.15	0.00	3474.04
MW - 2	03/04/05	3499.19	sheen	25.23	0.00	3473.96
MW - 2	03/08/05	3499.19	sheen	25.03	0.00	3474.16
MW - 2	03/10/05	3499.19	sheen	25.03	0.00	3474.16
MW - 2	03/11/05	3499.19	sheen	25.05	0.00	3474.14
MW - 2	03/15/05	3499.19	sheen	25.06	0.00	3474.13
MW - 2	03/19/05	3499.19	sheen	25.04	0.00	3474.15
MW - 2	03/22/05	3499.19	sheen	25.08	0.00	3474.11
MW - 2	03/28/05	3499.19	sheen	24.93	0.00	3474.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	04/01/05	3499.19	sheen	25.10	0.00	3474.09
MW - 2	04/05/05	3499.19	sheen	24.95	0.00	3474.24
MW - 2	04/08/05	3499.19	sheen	24.97	0.00	3474.22
MW - 2	04/12/05	3499.19	sheen	24.97	0.00	3474.22
MW - 2	04/15/05	3499.19	sheen	24.95	0.00	3474.24
MW - 2	05/25/05	3499.19	sheen	24.70	0.00	3474.49
MW - 2	06/03/05	3499.19	sheen	24.57	0.00	3474.62
MW - 2	06/06/05	3499.19	sheen	24.56	0.00	3474.63
MW - 2	06/10/05	3499.19	24.51	24.52	0.01	3474.68
MW - 2	06/13/05	3499.19	sheen	24.72	0.00	3474.47
MW - 2	06/20/05	3499.19	sheen	24.72	0.00	3474.47
MW - 2	06/24/05	3499.19	sheen	24.69	0.00	3474.50
MW - 2	06/27/05	3499.19	sheen	24.71	0.00	3474.48
MW - 2	07/18/05	3499.19	sheen	25.04	0.00	3474.15
MW - 2	07/25/05	3499.19	sheen	25.07	0.00	3474.12
MW - 2	08/01/05	3499.19	sheen	25.12	0.00	3474.07
MW - 2	08/04/05	3499.19	sheen	25.13	0.00	3474.06
MW - 2	08/10/05	3499.19	24.19	24.20	0.01	3475.00
MW - 2	08/16/05	3499.19	sheen	25.29	0.00	3473.90
MW - 2	08/23/05	3499.19	25.06	25.08	0.02	3474.13
MW - 2	08/29/05	3499.19	25.00	25.02	0.02	3474.19
MW - 2	09/06/05	3499.19	24.94	24.95	0.01	3474.25
MW - 2	09/09/05	3499.19	24.91	24.93	0.02	3474.28
MW - 2	09/12/05	3499.19	24.90	24.91	0.01	3474.29
MW - 2	09/19/05	3499.19	25.11	25.15	0.04	3474.07
MW - 2	09/27/05	3499.19	24.59	24.74	0.15	3474.58
MW - 2	10/03/05	3499.19	24.65	24.77	0.12	3474.52
MW - 2	10/10/05	3499.19	25.02	25.09	0.07	3474.16
MW - 2	10/17/05	3499.19	25.03	25.09	0.06	3474.15
MW - 2	10/24/05	3499.19	24.89	24.90	0.01	3474.30
MW - 2	11/01/05	3499.19	24.84	24.85	0.01	3474.35
MW - 2	11/08/05	3499.19	24.78	24.81	0.03	3474.41
MW - 2	11/15/05	3499.19	24.91	24.98	0.07	3474.27
MW - 2	11/22/05	3499.19	24.79	24.85	0.06	3474.39
MW - 2	11/27/05	3499.19	24.72	24.78	0.06	3474.46
MW - 2	12/02/05	3499.19	24.81	24.82	0.01	3474.38
MW - 2	12/05/05	3499.19	24.74	24.78	0.04	3474.44
MW - 2	12/07/05	3499.19	24.81	24.82	0.01	3474.38
MW - 2	12/16/05	3499.19	24.77	24.80	0.03	3474.42
MW - 2	12/29/05	3499.19	24.70	24.76	0.06	3474.48
MW - 2	01/03/06	3499.19	24.76	24.80	0.04	3474.42
MW - 2	01/09/06	3499.19	24.82	24.90	0.08	3474.36
MW - 2	01/16/06	3499.19	24.62	24.64	0.02	3474.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	01/23/06	3499.19	24.80	24.85	0.05	3474.38
MW - 2	01/30/06	3499.19	24.78	24.86	0.08	3474.40
MW - 2	02/07/06	3499.19	24.75	24.83	0.08	3474.43
MW - 2	02/14/06	3499.19	24.68	24.78	0.10	3474.50
MW - 2	02/21/06	3499.19	24.67	24.80	0.13	3474.50
MW - 2	02/27/06	3499.19	24.69	24.79	0.10	3474.49
MW - 2	03/06/06	3499.19	24.70	24.78	0.08	3474.48
MW - 2	03/09/06	3499.19	24.57	24.65	0.08	3474.61
MW - 2	03/17/06	3499.19	24.81	24.85	0.04	3474.37
MW - 2	03/21/06	3499.19	24.83	24.90	0.07	3474.35
MW - 2	03/28/06	3499.19	24.85	24.89	0.04	3474.33
MW - 2	04/03/06	3499.19	24.86	24.92	0.06	3474.32
MW - 2	04/10/06	3499.19	24.62	24.65	0.03	3474.57
MW - 2	04/17/06	3499.19	24.57	24.62	0.05	3474.61
MW - 2	05/01/06	3499.19	24.65	24.73	0.08	3474.53
MW - 2	05/08/06	3499.19	24.61	24.78	0.17	3474.55
MW - 2	05/15/06	3499.19	24.84	24.98	0.14	3474.33
MW - 2	06/01/06	3499.19	25.02	25.06	0.04	3474.16
MW - 2	06/05/06	3499.19	sheen	24.94	0.00	3474.25
MW - 2	06/08/06	3499.19	25.14	25.26	0.12	3474.03
MW - 2	06/12/06	3499.19	25.14	25.26	0.12	3474.03
MW - 2	06/19/06	3499.19	25.23	25.30	0.07	3473.95
MW - 2	07/03/06	3499.19	25.40	25.42	0.02	3473.79
MW - 2	07/10/06	3499.19	sheen	25.37	0.00	3473.82
MW - 2	07/17/06	3499.19	sheen	24.29	0.00	3474.90
MW - 2	07/26/06	3499.19	25.45	25.55	0.10	3473.73
MW - 2	07/31/06	3499.19	25.44	25.51	0.07	3473.74
MW - 2	08/07/06	3499.19	26.52	26.61	0.09	3472.66
MW - 2	08/17/06	3499.19	25.41	25.44	0.03	3473.78
MW - 2	08/21/06	3499.19	sheen	25.34	0.00	3473.85
MW - 2	09/06/06	3499.19	24.88	24.92	0.04	3474.30
MW - 2	09/11/06	3499.19	24.86	24.89	0.03	3474.33
MW - 2	09/15/06	3499.19	24.81	24.84	0.03	3474.38
MW - 2	10/02/06	3499.19	24.84	24.87	0.03	3474.35
MW - 2	10/09/06	3499.19	24.76	24.81	0.05	3474.42
MW - 2	10/17/06	3499.19	sheen	24.72	0.00	3474.47
MW - 2	10/23/06	3499.19	sheen	24.75	0.00	3474.44
MW - 2	10/30/06	3499.19	sheen	24.73	0.00	3474.46
MW - 2	11/06/06	3499.19	sheen	24.68	0.00	3474.51
MW - 2	11/13/06	3499.19	sheen	24.60	0.00	3474.59
MW - 2	11/20/06	3499.19	sheen	24.73	0.00	3474.46
MW - 2	11/27/06	3499.19	sheen	24.26	0.00	3474.93
MW - 2	11/29/06	3499.19	sheen	24.25	0.00	3474.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	12/04/06	3499.19	sheen	24.64	0.00	3474.55
MW - 2	12/12/06	3499.19	sheen	24.71	0.00	3474.48
MW - 2	01/11/07	3499.19	sheen	24.82	0.00	3474.37
MW - 2	01/18/07	3499.19	sheen	24.71	0.00	3474.48
MW - 2	01/22/07	3499.19	sheen	24.71	0.00	3474.48
MW - 2	01/31/07	3499.19	24.53	24.55	0.02	3474.66
MW - 2	02/07/07	3499.19	sheen	24.63	0.00	3474.56
MW - 2	02/14/07	3499.19	-	24.62	0.00	3474.57
MW - 2	02/26/07	3499.19	sheen	24.59	0.00	3474.60
MW - 2	03/07/07	3499.19	24.72	24.91	0.19	3474.44
MW - 2	04/03/07	3499.19	24.57	24.59	0.02	3474.62
MW - 2	04/09/07	3499.19	24.33	24.34	0.01	3474.86
MW - 2	04/17/07	3499.19	sheen	24.43	0.00	3474.76
MW - 2	05/01/07	3499.19	sheen	24.40	0.00	3474.79
MW - 2	05/07/07	3499.19	sheen	24.38	0.00	3474.81
MW - 2	05/21/07	3499.19	sheen	24.16	0.00	3475.03
MW - 2	07/03/07	3499.19	sheen	24.36	0.00	3474.83
MW - 2	07/30/07	3499.19	sheen	24.69	0.00	3474.50
MW - 2	08/06/07	3499.19	sheen	24.73	0.00	3474.46
MW - 2	08/16/07	3499.19	sheen	24.87	0.00	3474.32
MW - 2	09/13/07	3499.19	sheen	24.73	0.00	3474.46
MW - 2	09/18/07	3499.19	sheen	24.68	0.00	3474.51
MW - 2	09/24/07	3499.19	sheen	26.40	0.00	3472.79
MW - 2	10/01/07	3499.19	sheen	24.58	0.00	3474.61
MW - 2	10/08/07	3499.19	sheen	24.56	0.00	3474.63
MW - 2	10/15/07	3499.19	sheen	24.16	0.00	3475.03
MW - 2	11/07/07	3499.19	sheen	24.51	0.00	3474.68
MW - 2	12/14/07	3499.19	sheen	24.46	0.00	3474.73
MW - 2	01/09/08	3499.19	-	24.37	0.00	3474.82
MW - 2	01/16/08	3499.19	-	24.54	0.00	3474.65
MW - 2	01/23/08	3499.19	-	24.62	0.00	3474.57
MW - 2	02/08/08	3499.19	-	24.19	0.00	3475.00
MW - 2	02/12/08	3499.19	-	24.56	0.00	3474.63
MW - 2	02/22/08	3499.19	-	24.59	0.00	3474.60
MW - 2	03/05/08	3499.19	-	24.55	0.00	3474.64
MW - 2	05/14/08	3499.19	-	24.71	0.00	3474.48
MW - 2	06/23/08	3499.19	-	25.11	0.00	3474.08
MW - 2	08/18/08	3499.19	-	25.80	0.00	3473.39
MW - 2	11/13/08	3499.19	-	25.13	0.00	3474.06
MW - 2	02/11/09	3499.19	-	25.25	0.00	3473.94
MW - 2	02/24/09	3499.19	-	25.18	0.00	3474.01
MW - 2	03/04/09	3499.19	-	25.20	0.00	3473.99
MW - 2	03/17/09	3499.19	-	25.20	0.00	3473.99

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	03/25/09	3499.19	-	25.19	0.00	3474.00
MW - 2	04/08/09	3499.19	-	25.20	0.00	3473.99
MW - 2	04/15/09	3499.19	-	25.20	0.00	3473.99
MW - 2	04/29/09	3499.19	-	25.21	0.00	3473.98
MW - 2	05/13/09	3499.19	-	25.26	0.00	3473.93
MW - 2	06/01/09	3499.19	-	25.55	0.00	3473.64
MW - 2	06/10/09	3499.19	-	25.28	0.00	3473.91
MW - 2	06/12/09	3499.19	-	25.73	0.00	3473.46
MW - 2	06/18/09	3499.19	-	25.29	0.00	3473.90
MW - 2	06/24/09	3499.19	-	25.82	0.00	3473.37
MW - 2	07/02/09	3499.19	-	25.93	0.00	3473.26
MW - 2	07/08/09	3499.19	-	25.31	0.00	3473.88
MW - 2	07/14/09	3499.19	-	25.87	0.00	3473.32
MW - 2	07/20/09	3499.19	-	25.88	0.00	3473.31
MW - 2	07/27/09	3499.19	-	25.89	0.00	3473.30
MW - 2	08/03/09	3499.19	-	26.00	0.00	3473.19
MW - 2	08/11/09	3499.19	-	26.15	0.00	3473.04
MW - 2	08/18/09	3499.19	-	26.18	0.00	3473.01
MW - 2	08/24/09	3499.19	-	26.22	0.00	3472.97
MW - 2	08/31/09	3499.19	-	26.33	0.00	3472.86
MW - 2	09/03/09	3499.19	-	26.26	0.00	3472.93
MW - 2	09/08/09	3499.19	-	26.39	0.00	3472.80
MW - 2	09/10/09	3499.19	-	26.48	0.00	3472.71
MW - 2	09/16/09	3499.19	-	26.32	0.00	3472.87
MW - 2	09/22/09	3499.19	-	26.51	0.00	3472.68
MW - 2	09/29/09	3499.19	-	25.90	0.00	3473.29
MW - 2	10/02/09	3499.19	-	26.39	0.00	3472.80
MW - 2	10/07/09	3499.19	-	26.41	0.00	3472.78
MW - 2	10/12/09	3499.19	-	25.31	0.00	3473.88
MW - 2	10/16/09	3499.19	-	26.33	0.00	3472.86
MW - 2	10/20/09	3499.19	-	25.30	0.00	3473.89
MW - 2	10/26/09	3499.19	-	25.30	0.00	3473.89
MW - 2	10/28/09	3499.19	-	26.34	0.00	3472.85
MW - 2	11/04/09	3499.19	-	26.53	0.00	3472.66
MW - 2	11/12/09	3499.19	-	26.16	0.00	3473.03
MW - 2	11/23/09	3499.19	-	26.41	0.00	3472.78
MW - 2	12/03/09	3499.19	-	26.51	0.00	3472.68
MW - 2	12/16/09	3499.19	-	26.45	0.00	3472.74
MW - 2	12/21/09	3499.19	-	26.37	0.00	3472.82
MW - 2	12/28/09	3499.19	-	25.30	0.00	3473.89
MW - 2	01/05/10	3499.19	-	26.41	0.00	3472.78
MW - 2	01/20/10	3499.19	-	25.27	0.00	3473.92
MW - 2	01/25/10	3499.19	-	25.25	0.00	3473.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	01/27/10	3499.19	-	26.45	0.00	3472.74
MW - 2	02/10/10	3499.19	-	26.47	0.00	3472.72
MW - 2	03/01/10	3499.19	-	25.24	0.00	3473.95
MW - 2	03/09/10	3499.19	-	26.47	0.00	3472.72
MW - 2	03/11/10	3499.19	-	26.10	0.00	3473.09
MW - 2	05/25/10	3499.19	-	26.03	0.00	3473.16
MW - 2	06/07/10	3499.19	-	26.28	0.00	3472.91
MW - 2	06/12/10	3499.19	-	26.43	0.00	3472.76
MW - 2	06/25/10	3499.19	-	26.51	0.00	3472.68
MW - 2	07/07/10	3499.19	-	26.23	0.00	3472.96
MW - 2	07/12/10	3499.19	-	26.91	0.00	3472.28
MW - 2	08/03/10	3499.19	-	24.56	0.00	3474.63
MW - 2	08/13/10	3499.19	-	25.70	0.00	3473.49
MW - 2	08/19/10	3499.19	-	25.49	0.00	3473.70
MW - 2	08/25/10	3499.19	-	25.60	0.00	3473.59
MW - 2	09/01/10	3499.19	-	25.48	0.00	3473.71
MW - 2	09/09/10	3499.19	-	25.55	0.00	3473.64
MW - 2	09/13/10	3499.19	-	25.89	0.00	3473.30
MW - 2	09/29/10	3499.19	-	25.57	0.00	3473.62
MW - 2	10/05/10	3499.19	-	25.87	0.00	3473.32
MW - 2	10/25/10	3499.19	-	25.87	0.00	3473.32
MW - 2	11/03/10	3499.19	sheen	25.69	0.00	3473.50
MW - 2	11/10/10	3499.19	sheen	25.65	0.00	3473.54
MW - 2	11/18/10	3499.19	sheen	25.65	0.00	3473.54
MW - 2	12/09/10	3499.19	sheen	25.66	0.00	3473.53
MW - 2	01/18/11	3499.19	sheen	25.64	0.00	3473.55
MW - 2	02/22/11	3499.19	sheen	25.64	0.00	3473.55
MW - 2	03/01/11	3499.19	sheen	25.82	0.00	3473.37
MW - 2	03/07/11	3499.19	sheen	25.70	0.00	3473.49
MW - 2	03/22/11	3499.19	sheen	25.65	0.00	3473.54
MW - 2	03/22/11	3499.19	-	26.02	0.00	3473.17
MW - 2	05/05/11	3499.19	sheen	26.05	0.00	3473.14
MW - 2	05/10/11	3499.19	sheen	25.91	0.00	3473.28
MW - 2	05/17/11	3499.19	sheen	25.99	0.00	3473.20
MW - 2	05/17/11	3499.19	sheen	25.99	0.00	3473.20
MW - 2	05/24/11	3499.19	sheen	25.17	0.00	3474.02
MW - 2	06/07/11	3499.19	-	26.21	0.00	3472.98
MW - 2	06/14/11	3499.19	-	26.32	0.00	3472.87
MW - 2	06/23/11	3499.19	-	26.25	0.00	3472.94
MW - 2	06/28/11	3499.19	-	26.79	0.00	3472.40
MW - 2	07/06/11	3499.19	sheen	26.80	0.00	3472.39
MW - 2	07/14/11	3499.19	-	26.79	0.00	3472.40
MW - 2	07/27/11	3499.19	-	26.75	0.00	3472.44

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	08/03/11	3499.19	-	27.04	0.00	3472.15
MW - 2	08/11/11	3499.19	-	27.14	0.00	3472.05
MW - 2	08/18/11	3499.19	-	27.10	0.00	3472.09
MW - 2	08/25/11	3499.19	-	27.15	0.00	3472.04
MW - 2	09/02/11	3499.19	-	27.22	0.00	3471.97
MW - 2	09/09/11	3499.19	-	27.32	0.00	3471.87
MW - 2	11/08/11	3499.19	-	27.26	0.00	3471.93
MW - 2	12/28/11	3499.19	-	27.07	0.00	3472.12
MW - 2	01/05/12	3499.19	-	27.08	0.00	3472.11
MW - 2	01/18/12	3499.19	-	27.01	0.00	3472.18
MW - 2	01/27/12	3499.19	-	26.99	0.00	3472.20
MW - 2	02/02/12	3499.19	-	26.93	0.00	3472.26
MW - 2	02/10/12	3499.19	-	27.07	0.00	3472.12
MW - 2	02/15/12	3499.19	-	26.99	0.00	3472.20
MW - 2	03/01/12	3499.19	-	26.82	0.00	3472.37
MW - 2	03/07/12	3499.19	-	26.88	0.00	3472.31
MW - 2	03/14/12	3499.19	-	26.91	0.00	3472.28
MW - 2	03/19/12	3499.19	-	26.87	0.00	3472.32
MW - 2	03/26/12	3499.19	-	26.84	0.00	3472.35
MW - 2	04/04/12	3499.19	-	26.88	0.00	3472.31
MW - 2	04/11/12	3499.19	-	26.87	0.00	3472.32
MW - 2	04/17/12	3499.19	-	26.89	0.00	3472.30
MW - 2	04/25/12	3499.19	-	26.82	0.00	3472.37
MW - 2	05/23/12	3499.19	-	26.89	0.00	3472.30
MW - 2	05/31/12	3499.19	-	27.05	0.00	3472.14
MW - 2	06/06/12	3499.19	-	27.03	0.00	3472.16
MW - 2	06/13/12	3499.19	-	27.14	0.00	3472.05
MW - 2	06/20/12	3499.19	-	27.06	0.00	3472.13
MW - 2	07/11/12	3499.19	-	27.05	0.00	3472.14
MW - 2	07/18/12	3499.19	-	27.52	0.00	3471.67
MW - 2	08/02/12	3499.19	-	27.44	0.00	3471.75
MW - 2	08/09/12	3499.19	-	27.58	0.00	3471.61
MW - 2	08/16/12	3499.19	-	27.70	0.00	3471.49
MW - 2	10/02/12	3499.19	-	27.81	0.00	3471.38
MW - 2	10/10/12	3499.19	-	27.71	0.00	3471.48
MW - 2	10/17/12	3499.19	-	27.54	0.00	3471.65
MW - 2	10/26/12	3499.19	-	27.67	0.00	3471.52
MW - 2	11/01/12	3499.19	-	27.54	0.00	3471.65
MW - 2	11/19/12	3499.19	-	27.47	0.00	3471.72
MW - 2	12/13/12	3499.19	-	27.49	0.00	3471.70
MW - 2	12/18/12	3499.19	-	27.32	0.00	3471.87
MW - 2	01/08/13	3499.19	-	27.29	0.00	3471.90
MW - 2	01/16/13	3499.19	-	27.43	0.00	3471.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	01/24/13	3499.19	-	27.43	0.00	3471.76
MW - 2	01/30/13	3499.19	-	27.43	0.00	3471.76
MW - 2	02/12/13	3499.19	-	27.34	0.00	3471.85
MW - 2	03/19/13	3499.19	-	27.29	0.00	3471.90
MW - 2	04/02/13	3499.19	-	27.33	0.00	3471.86
MW - 2	04/08/13	3499.19	-	27.19	0.00	3472.00
MW - 2	04/16/13	3499.19	-	27.31	0.00	3471.88
MW - 2	04/23/13	3499.19	-	27.41	0.00	3471.78
MW - 2	05/01/13	3499.19	-	27.35	0.00	3471.84
MW - 2	05/08/13	3499.19	-	27.31	0.00	3471.88
MW - 2	05/15/13	3499.19	-	27.22	0.00	3471.97
MW - 2	05/17/13	3499.19	-	27.32	0.00	3471.87
MW - 2	05/23/13	3499.19	-	27.40	0.00	3471.79
MW - 2	05/29/13	3499.19	-	27.34	0.00	3471.85
MW - 2	06/12/13	3499.19	-	27.68	0.00	3471.51
MW - 2	06/19/13	3499.19	-	27.75	0.00	3471.44
MW - 2	06/27/13	3499.19	-	27.92	0.00	3471.27
MW - 2	07/02/13	3499.19	-	27.94	0.00	3471.25
MW - 2	07/08/13	3499.19	-	28.07	0.00	3471.12
MW - 2	07/15/13	3499.19	-	28.09	0.00	3471.10
MW - 2	07/23/13	3499.19	-	27.99	0.00	3471.20
MW - 2	07/29/13	3499.19	-	27.96	0.00	3471.23
MW - 2	08/07/13	3499.19	-	28.06	0.00	3471.13
MW - 2	08/15/13	3499.19	-	28.23	0.00	3470.96
MW - 2	08/20/13	3499.19	-	28.22	0.00	3470.97
MW - 2	08/28/13	3499.19	-	28.30	0.00	3470.89
MW - 2	09/05/13	3499.19	-	28.27	0.00	3470.92
MW - 2	09/09/13	3499.19	-	28.21	0.00	3470.98
MW - 2	09/18/13	3499.19	-	28.24	0.00	3470.95
MW - 2	09/28/13	3499.19	-	28.41	0.00	3470.78
MW - 2	10/01/13	3499.19	-	28.27	0.00	3470.92
MW - 2	10/08/13	3499.19	-	28.27	0.00	3470.92
MW - 2	10/14/13	3499.19	-	28.41	0.00	3470.78
MW - 2	10/23/13	3499.19	-	28.17	0.00	3471.02
MW - 2	10/29/13	3499.19	-	28.09	0.00	3471.10
MW - 2	11/16/13	3499.19	-	27.96	0.00	3471.23
MW - 2	11/27/13	3499.19	-	28.12	0.00	3471.07
MW - 2	12/02/13	3499.19	-	27.83	0.00	3471.36
MW - 2	12/14/13	3499.19	-	28.10	0.00	3471.09
MW - 2	12/19/13	3499.19	-	27.80	0.00	3471.39
MW - 2	12/24/13	3499.19	-	27.88	0.00	3471.31
MW - 2	01/02/14	3499.19	-	27.85	0.00	3471.34
MW - 2	01/07/14	3499.19	-	27.76	0.00	3471.43

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	01/14/14	3499.19	-	27.89	0.00	3471.30
MW - 2	01/21/14	3499.19	-	27.77	0.00	3471.42
MW - 2	01/31/14	3499.19	-	27.76	0.00	3471.43
MW - 2	02/10/14	3499.19	-	27.78	0.00	3471.41
MW - 2	02/27/14	3499.19	-	27.64	0.00	3471.55
MW - 2	03/06/14	3499.19	-	28.68	0.00	3470.51
MW - 2	03/13/14	3499.19	-	27.78	0.00	3471.41
MW - 2	03/25/14	3499.19	-	27.81	0.00	3471.38
MW - 2	04/03/14	3499.19	-	27.70	0.00	3471.49
MW - 2	04/07/14	3499.19	-	27.73	0.00	3471.46
MW - 2	04/14/14	3499.19	-	27.89	0.00	3471.30
MW - 2	04/23/14	3499.19	-	27.64	0.00	3471.55
MW - 2	04/28/14	3499.19	-	27.74	0.00	3471.45
MW - 2	05/05/14	3499.19	-	27.68	0.00	3471.51
MW - 2	05/14/14	3499.19	-	27.80	0.00	3471.39
MW - 2	05/22/14	3499.19	-	27.85	0.00	3471.34
MW - 2	05/28/14	3499.19	-	27.92	0.00	3471.27
MW - 2	06/02/14	3499.19	-	28.05	0.00	3471.14
MW - 2	06/12/14	3499.19	-	28.29	0.00	3470.90
MW - 2	06/17/14	3499.19	-	28.33	0.00	3470.86
MW - 2	06/25/14	3499.19	-	28.41	0.00	3470.78
MW - 2	06/30/14	3499.19	-	28.42	0.00	3470.77
MW - 2	07/11/14	3499.19	-	28.67	0.00	3470.52
MW - 2	07/14/14	3499.19	-	28.54	0.00	3470.65
MW - 2	07/22/14	3499.19	-	28.63	0.00	3470.56
MW - 2	07/23/14	3499.19	-	28.63	0.00	3470.56
MW - 2	08/05/14	3499.19	-	28.66	0.00	3470.53
MW - 2	08/12/14	3499.19	-	28.78	0.00	3470.41
MW - 2	08/13/14	3499.19	-	28.70	0.00	3470.49
MW - 2	08/27/14	3499.19	-	28.85	0.00	3470.34
MW - 2	09/17/14	3499.19	-	28.50	0.00	3470.69
MW - 2	09/23/14	3499.19	-	28.04	0.00	3471.15
MW - 2	10/10/14	3499.19	-	27.35	0.00	3471.84
MW - 2	10/15/14	3499.19	-	27.23	0.00	3471.96
MW - 2	10/20/14	3499.19	-	27.30	0.00	3471.89
MW - 2	10/27/14	3499.19	-	27.04	0.00	3472.15
MW - 2	11/04/14	3499.19	-	27.18	0.00	3472.01
MW - 2	11/06/14	3499.19	-	27.12	0.00	3472.07
MW - 2	11/11/14	3499.19	-	27.01	0.00	3472.18
MW - 2	11/18/14	3499.19	-	26.80	0.00	3472.39
MW - 2	12/02/14	3499.19	-	26.79	0.00	3472.40
MW - 2	12/09/14	3499.19	-	26.74	0.00	3472.45
MW - 2	12/17/14	3499.19	-	26.69	0.00	3472.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	12/23/14	3499.19	-	26.78	0.00	3472.41
MW - 2	12/30/14	3499.19	-	26.86	0.00	3472.33
MW - 2	01/06/15	3499.19	-	26.73	0.00	3472.46
MW - 2	01/09/15	3499.19	-	26.73	0.00	3472.46
MW - 2	01/13/15	3499.19	-	26.67	0.00	3472.52
MW - 2	01/21/15	3499.19	-	26.67	0.00	3472.52
MW - 2	01/26/15	3499.19	-	26.65	0.00	3472.54
MW - 2	02/05/15	3499.19	-	26.69	0.00	3472.50
MW - 2	02/16/15	3499.19	-	26.58	0.00	3472.61
MW - 2	02/17/15	3499.19	-	26.64	0.00	3472.55
MW - 2	03/04/15	3499.19	-	26.56	0.00	3472.63
MW - 2	03/10/15	3499.19	-	26.52	0.00	3472.67
MW - 2	03/16/15	3499.19	-	26.45	0.00	3472.74
MW - 2	03/23/15	3499.19	-	26.41	0.00	3472.78
MW - 2	03/31/15	3499.19	-	26.34	0.00	3472.85
MW - 2	04/03/15	3499.19	-	26.57	0.00	3472.62
MW - 2	04/06/15	3499.19	-	26.38	0.00	3472.81
MW - 2	04/16/15	3499.19	-	26.24	0.00	3472.95
MW - 2	04/22/15	3499.19	-	26.19	0.00	3473.00
MW - 2	05/01/15	3499.19	-	26.21	0.00	3472.98
MW - 2	05/11/15	3499.19	-	26.25	0.00	3472.94
MW - 2	05/14/15	3499.19	-	26.10	0.00	3473.09
MW - 2	05/29/15	3499.19	-	26.06	0.00	3473.13
MW - 2	06/04/15	3499.19	-	26.08	0.00	3473.11
MW - 2	06/09/15	3499.19	-	26.05	0.00	3473.14
MW - 2	06/17/15	3499.19	-	26.13	0.00	3473.06
MW - 2	06/23/15	3499.19	-	26.19	0.00	3473.00
MW - 2	06/29/15	3499.19	-	26.15	0.00	3473.04
MW - 2	07/09/15	3499.19	-	26.32	0.00	3472.87
MW - 2	07/15/15	3499.19	-	26.37	0.00	3472.82
MW - 2	07/20/15	3499.19	-	26.52	0.00	3472.67
MW - 2	07/30/15	3499.19	-	26.69	0.00	3472.50
MW - 2	08/03/15	3499.19	-	26.67	0.00	3472.52
MW - 2	08/04/15	3499.19	-	26.69	0.00	3472.50
MW - 2	08/11/15	3499.19	-	26.76	0.00	3472.43
MW - 2	08/18/15	3499.19	-	26.72	0.00	3472.47
MW - 2	08/26/15	3499.19	-	26.73	0.00	3472.46
MW - 2	09/02/15	3499.19	-	26.64	0.00	3472.55
MW - 2	10/22/15	3499.19	-	26.52	0.00	3472.67
MW - 2	11/17/15	3499.19	-	26.35	0.00	3472.84
MW - 2	12/03/15	3499.19	-	26.34	0.00	3472.85
MW - 2	12/09/15	3499.19	-	26.21	0.00	3472.98
MW - 2	01/06/16	3499.19	-	26.13	0.00	3473.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	01/13/16	3499.19	-	26.15	0.00	3473.04
MW - 2	01/15/16	3499.19	-	26.15	0.00	3473.04
MW - 2	01/29/16	3499.19	-	26.03	0.00	3473.16
MW - 2	02/04/16	3499.19	-	25.99	0.00	3473.20
MW - 2	02/10/16	3499.19	-	26.19	0.00	3473.00
MW - 2	03/03/16	3499.19	-	26.15	0.00	3473.04
MW - 2	03/16/16	3499.19	-	26.04	0.00	3473.15
MW - 2	04/12/16	3499.19	-	25.92	0.00	3473.27
MW - 2	04/15/16	3499.19	-	25.79	0.00	3473.40
MW - 2	04/19/16	3499.19	-	25.83	0.00	3473.36
MW - 2	04/29/16	3499.19	-	25.82	0.00	3473.37
MW - 2	05/04/16	3499.19	-	25.80	0.00	3473.39
MW - 2	05/13/16	3499.19	-	25.93	0.00	3473.26
MW - 2	05/18/16	3499.19	-	25.97	0.00	3473.22
MW - 2	05/25/16	3499.19	-	25.98	0.00	3473.21
MW - 2	06/02/16	3499.19	-	26.03	0.00	3473.16
MW - 2	06/06/16	3499.19	-	26.07	0.00	3473.12
MW - 2	06/28/16	3499.19	-	26.41	0.00	3472.78
MW - 2	07/05/16	3499.19	-	26.51	0.00	3472.68
MW - 2	07/14/16	3499.19	-	26.64	0.00	3472.55
MW - 2	07/21/16	3499.19	-	26.83	0.00	3472.36
MW - 2	07/25/16	3499.19	-	26.85	0.00	3472.34
MW - 2	08/01/16	3499.19	-	26.84	0.00	3472.35
MW - 2	08/09/16	3499.19	-	27.11	0.00	3472.08
MW - 2	08/15/16	3499.19	-	27.10	0.00	3472.09
MW - 2	08/18/16	3499.19	-	27.10	0.00	3472.09
MW - 2	08/22/16	3499.19	-	27.15	0.00	3472.04
MW - 2	09/06/16	3499.19	-	26.42	0.00	3472.77
MW - 2	09/12/16	3499.19	-	26.06	0.00	3473.13
MW - 2	09/19/16	3499.19	-	25.77	0.00	3473.42
MW - 2	09/26/16	3499.19	-	25.53	0.00	3473.66
MW - 2	10/17/16	3499.19	-	25.13	0.00	3474.06
MW - 2	10/25/16	3499.19	-	25.19	0.00	3474.00
MW - 2	11/03/16	3499.19	-	25.21	0.00	3473.98
MW - 2	11/08/16	3499.19	-	25.14	0.00	3474.05
MW - 2	11/15/16	3499.19	-	25.06	0.00	3474.13
MW - 2	11/22/16	3499.19	-	25.06	0.00	3474.13
MW - 2	12/05/16	3499.19	-	25.09	0.00	3474.10
MW - 2	12/13/16	3499.19	-	25.09	0.00	3474.10
MW - 2	12/22/16	3499.19	-	25.05	0.00	3474.14
MW - 2	12/27/16	3499.19	-	25.05	0.00	3474.14
MW - 2	01/04/17	3499.19	-	24.97	0.00	3474.22
MW - 2	01/13/17	3499.19	-	25.16	0.00	3474.03

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	01/17/17	3499.19	-	25.09	0.00	3474.10
MW - 2	01/24/17	3499.19	-	24.97	0.00	3474.22
MW - 2	01/31/17	3499.19	-	24.97	0.00	3474.22
MW - 2	02/07/17	3499.19	-	25.05	0.00	3474.14
MW - 2	02/16/17	3499.19	-	24.94	0.00	3474.25
MW - 2	02/20/17	3499.19	-	25.03	0.00	3474.16
MW - 2	03/01/17	3499.19	-	24.95	0.00	3474.24
MW - 2	03/06/17	3499.19	-	24.94	0.00	3474.25
MW - 2	03/14/17	3499.19	-	24.92	0.00	3474.27
MW - 2	03/24/17	3499.19	-	24.97	0.00	3474.22
MW - 2	04/04/17	3499.19	-	24.85	0.00	3474.34
MW - 2	04/13/17	3499.19	-	24.85	0.00	3474.34
MW - 2	04/19/17	3499.19	-	24.81	0.00	3474.38
MW - 2	05/01/17	3499.19	-	24.85	0.00	3474.34
MW - 2	05/11/17	3499.19	-	24.88	0.00	3474.31
MW - 2	05/18/17	3499.19	-	24.89	0.00	3474.30
MW - 2	05/23/17	3499.19	-	25.00	0.00	3474.19
MW - 2	06/06/17	3499.19	-	25.18	0.00	3474.01
MW - 2	06/12/17	3499.19	-	25.11	0.00	3474.08
MW - 2	07/03/17	3499.19	-	25.34	0.00	3473.85
MW - 2	07/25/17	3499.19	-	25.62	0.00	3473.57
MW - 2	08/14/17	3499.19	-	25.37	0.00	3473.82
MW - 2	08/21/17	3499.19	-	24.39	0.00	3474.80
MW - 2	09/06/17	3499.19	-	25.07	0.00	3474.12
MW - 2	09/12/17	3499.19	-	25.18	0.00	3474.01
MW - 2	10/04/17	3499.19	-	25.15	0.00	3474.04
MW - 2	10/17/17	3499.19	-	25.05	0.00	3474.14
MW - 2	10/23/17	3499.19	-	25.03	0.00	3474.16
MW - 2	10/30/17	3499.19	-	25.06	0.00	3474.13
MW - 2	11/15/17	3499.19	-	25.04	0.00	3474.15
MW - 2	12/04/17	3499.19	-	24.92	0.00	3474.27
MW - 2	12/22/17	3499.19	-	25.03	0.00	3474.16
MW - 2	12/29/17	3499.19	-	25.01	0.00	3474.18
MW - 2	01/02/18	3499.19	-	25.02	0.00	3474.17
MW - 2	01/17/18	3499.19	-	24.96	0.00	3474.23
MW - 2	01/23/18	3499.19	-	24.99	0.00	3474.20
MW - 2	01/29/18	3499.19	-	25.01	0.00	3474.18
MW - 2	02/05/18	3499.19	-	24.86	0.00	3474.33
MW - 2	02/14/18	3499.19	-	24.91	0.00	3474.28
MW - 2	02/19/18	3499.19	-	24.88	0.00	3474.31
MW - 2	03/28/18	3499.19	-	24.98	0.00	3474.21
MW - 2	04/05/18	3499.19	-	24.91	0.00	3474.28
MW - 2	04/27/18	3499.19	-	25.01	0.00	3474.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	05/16/18	3499.19	-	25.10	0.00	3474.09
MW - 2	06/15/18	3499.19	-	25.49	0.00	3473.70
MW - 2	06/19/18	3499.19	-	25.54	0.00	3473.65
MW - 2	06/29/18	3499.19	-	25.68	0.00	3473.51
MW - 2	07/16/18	3499.19	-	25.91	0.00	3473.28
MW - 2	08/14/18	3499.19	-	26.23	0.00	3472.96
MW - 2	09/05/18	3499.19	-	26.40	0.00	3472.79
MW - 2	09/10/18	3499.19	-	26.14	0.00	3473.05
MW - 2	10/08/18	3499.19	-	25.99	0.00	3473.20
MW - 2	11/29/18	3499.19	-	25.64	0.00	3473.55
MW - 2	12/14/18	3499.19	-	25.67	0.00	3473.52
MW - 2	01/29/19	3499.19	-	25.49	0.00	3473.70
MW - 2	03/05/19	3499.19	-	25.54	0.00	3473.65
MW - 2	03/29/19	3499.19	-	25.31	0.00	3473.88
MW - 2	04/18/19	3499.19	-	25.37	0.00	3473.82
RW - 2	05/10/19	3499.19	-	26.07	0.00	3473.12
MW - 2	05/14/19	3499.19	-	25.35	0.00	3473.84
MW - 2	06/06/19	3499.19	-	25.55	0.00	3473.64
MW - 2	07/17/19	3499.19	-	26.02	0.00	3473.17
MW - 2	09/10/19	3499.19	-	26.42	0.00	3472.77
MW - 2	10/16/19	3499.19	-	26.02	0.00	3473.17
MW - 2	12/04/19	3499.19	-	25.61	0.00	3473.58
MW - 2	12/30/19	3499.19	-	25.61	0.00	3473.58
MW - 2	01/14/20	3499.19	-	25.55	0.00	3473.64
MW - 2	02/12/20	3499.19	-	25.46	0.00	3473.73
MW - 2	05/15/20	3499.19	-	25.10	0.00	3474.09
MW - 2	06/25/20	3499.19	-	25.76	0.00	3473.43
MW - 2	07/28/20	3499.19	-	26.17	0.00	3473.02
MW - 2	08/19/20	3499.19	-	26.32	0.00	3472.87
MW - 2	09/11/20	3499.19	-	26.51	0.00	3472.68
MW - 2	10/30/20	3499.19	-	26.60	0.00	3472.59
MW - 2	11/11/20	3499.19	-	26.55	0.00	3472.64
MW - 2	12/30/20	3499.19	-	26.57	0.00	3472.62
MW - 2	01/21/21	3499.19	-	26.48	0.00	3472.71
MW - 2	03/17/21	3499.19	-	26.66	0.00	3472.53
MW - 2	05/27/21	3499.19	-	26.62	0.00	3472.57
MW - 2	07/26/21	3499.19	-	26.80	0.00	3472.39
MW - 2	07/27/21	3499.19	-	26.80	0.00	3472.39
MW - 2	09/29/21	3499.19	-	27.05	0.00	3472.14
MW - 2	10/13/21	3499.19	-	26.99	0.00	3472.20
MW - 2	10/29/21	3499.19	-	27.09	0.00	3472.10
MW - 2	12/02/21	3499.19	-	26.94	0.00	3472.25

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	02/03/99	3500.05	-	30.36	0.00	3469.69
MW - 3	05/13/99	3500.05	-	29.99	0.00	3470.06
MW - 3	08/24/99	3500.05	-	30.40	0.00	3469.65
MW - 3	11/30/99	3500.05	-	29.87	0.00	3470.18
MW - 3	03/03/00	3500.05	-	29.95	0.00	3470.10
MW - 3	05/16/00	3500.05	-	30.03	0.00	3470.02
MW - 3	09/01/00	3500.05	-	30.56	0.00	3469.49
MW - 3	11/21/00	3500.05	-	30.21	0.00	3469.84
MW - 3	03/05/01	3500.05	-	30.25	0.00	3469.80
MW - 3	05/17/01	3500.05	-	30.05	0.00	3470.00
MW - 3	08/27/01	3500.05	-	31.00	0.00	3469.05
MW - 3	10/24/01	3500.05	-	30.40	0.00	3469.65
MW - 3	03/27/02	3500.05	-	29.90	0.00	3470.15
MW - 3	05/14/02	3500.05	-	29.58	0.00	3470.47
MW - 3	06/07/02	3500.05	-	29.68	0.00	3470.37
MW - 3	09/27/02	3500.05	-	29.78	0.00	3470.27
MW - 3	12/04/02	3500.05	-	29.60	0.00	3470.45
MW - 3	02/25/03	3500.05	29.44	29.66	0.22	3470.58
MW - 3	03/06/03	3500.05	29.46	29.65	0.19	3470.56
MW - 3	03/11/03	3500.05	29.51	29.52	0.01	3470.54
MW - 3	03/20/03	3500.05	29.54	29.56	0.02	3470.51
MW - 3	04/02/03	3500.05	29.38	29.39	0.01	3470.67
MW - 3	04/16/03	3500.05	29.53	29.56	0.03	3470.52
MW - 3	04/23/03	3500.05	29.39	29.42	0.03	3470.66
MW - 3	04/29/03	3500.05	29.35	29.39	0.04	3470.69
MW - 3	05/15/03	3500.05	29.51	29.58	0.07	3470.53
MW - 3	05/22/03	3500.05	-	29.62	0.00	3470.43
MW - 3	05/28/03	3500.05	sheen	29.28	0.00	3470.77
MW - 3	06/04/03	3500.05	29.71	29.72	0.01	3470.34
MW - 3	06/10/03	3500.05	30.05	30.10	0.05	3469.99
MW - 3	06/26/03	3500.05	29.62	29.66	0.04	3470.42
MW - 3	07/07/03	3500.05	30.28	30.39	0.11	3469.75
MW - 3	07/30/03	3500.05	30.27	30.36	0.09	3469.77
MW - 3	08/05/03	3500.05	30.67	30.73	0.06	3469.37
MW - 3	08/21/03	3500.05	30.86	30.92	0.06	3469.18
MW - 3	08/26/03	3500.05	30.95	30.98	0.03	3469.10
MW - 3	09/08/03	3500.05	-	31.07	0.00	3468.98
MW - 3	09/15/03	3500.05	-	31.04	0.00	3469.01
MW - 3	09/24/03	3500.05	sheen	31.00	0.00	3469.05
MW - 3	10/02/03	3500.05	sheen	30.94	0.00	3469.11
MW - 3	10/08/03	3500.05	sheen	30.86	0.00	3469.19
MW - 3	10/16/03	3500.05	-	31.17	0.00	3468.88
MW - 3	10/28/03	3500.05	sheen	31.19	0.00	3468.86

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	11/11/03	3500.05	sheen	31.28	0.00	3468.77
MW - 3	11/18/03	3500.05	sheen	31.08	0.00	3468.97
MW - 3	11/25/03	3500.05	-	29.80	0.00	3470.25
MW - 3	12/08/03	3500.05	sheen	30.87	0.00	3469.18
MW - 3	01/27/04	3500.05	-	31.57	0.00	3468.48
MW - 3	02/02/04	3500.05	-	31.54	0.00	3468.51
MW - 3	02/10/04	3500.05	-	30.87	0.00	3469.18
MW - 3	02/20/04	3500.05	-	31.04	0.00	3469.01
MW - 3	03/04/04	3500.05	-	30.85	0.00	3469.20
MW - 3	03/16/04	3500.05	-	31.17	0.00	3468.88
MW - 3	03/25/04	3500.05	-	31.20	0.00	3468.85
MW - 3	03/31/04	3500.05	31.19	31.20	0.01	3468.86
MW - 3	04/01/04	3500.05	-	31.42	0.00	3468.63
MW - 3	04/08/04	3500.05	-	29.29	0.00	3470.76
MW - 3	04/14/04	3500.05	-	29.76	0.00	3470.29
MW - 3	04/22/04	3500.05	28.86	28.87	0.01	3471.19
MW - 3	04/29/04	3500.05	-	28.71	0.00	3471.34
MW - 3	05/05/04	3500.05	-	29.21	0.00	3470.84
MW - 3	05/10/04	3500.05	-	26.82	0.00	3473.23
MW - 3	06/08/04	3500.05	-	28.54	0.00	3471.51
MW - 3	06/17/04	3500.05	sheen	28.71	0.00	3471.34
MW - 3	06/22/04	3500.05	-	28.76	0.00	3471.29
MW - 3	06/25/04	3500.05	-	28.73	0.00	3471.32
MW - 3	06/29/04	3500.05	-	28.69	0.00	3471.36
MW - 3	07/01/04	3500.05	sheen	28.72	0.00	3471.33
MW - 3	07/08/04	3500.05	-	28.72	0.00	3471.33
MW - 3	07/13/04	3500.05	-	28.77	0.00	3471.28
MW - 3	07/20/04	3500.05	-	28.85	0.00	3471.20
MW - 3	08/04/04	3500.05	-	28.87	0.00	3471.18
MW - 3	08/10/04	3500.05	-	28.89	0.00	3471.16
MW - 3	08/17/04	3500.05	sheen	29.00	0.00	3471.05
MW - 3	08/23/04	3500.05	sheen	28.82	0.00	3471.23
MW - 3	08/25/04	3500.05	-	28.88	0.00	3471.17
MW - 3	08/31/04	3500.05	sheen	29.00	0.00	3471.05
MW - 3	09/13/04	3500.05	sheen	28.95	0.00	3471.10
MW - 3	09/20/04	3500.05	sheen	29.00	0.00	3471.05
MW - 3	09/30/04	3500.05	sheen	29.10	0.00	3470.95
MW - 3	10/04/04	3500.05	sheen	28.28	0.00	3471.77
MW - 3	10/11/04	3500.05	sheen	28.10	0.00	3471.95
MW - 3	10/18/04	3500.05	sheen	27.77	0.00	3472.28
MW - 3	10/27/04	3500.05	sheen	27.84	0.00	3472.21
MW - 3	11/02/04	3500.05	sheen	27.70	0.00	3472.35
MW - 3	11/08/04	3500.05	sheen	27.65	0.00	3472.40

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	11/23/04	3500.05	sheen	27.60	0.00	3472.45
MW - 3	12/01/04	3500.05	sheen	27.35	0.00	3472.70
MW - 3	12/02/04	3500.05	sheen	27.35	0.00	3472.70
MW - 3	12/08/04	3500.05	sheen	27.21	0.00	3472.84
MW - 3	12/14/04	3500.05	sheen	27.30	0.00	3472.75
MW - 3	12/21/04	3500.05	sheen	27.17	0.00	3472.88
MW - 3	12/29/04	3500.05	sheen	27.09	0.00	3472.96
MW - 3	01/11/05	3500.05	sheen	26.97	0.00	3473.08
MW - 3	01/14/05	3500.05	sheen	27.00	0.00	3473.05
MW - 3	01/18/05	3500.05	sheen	27.02	0.00	3473.03
MW - 3	01/21/05	3500.05	sheen	26.89	0.00	3473.16
MW - 3	01/25/05	3500.05	sheen	26.93	0.00	3473.12
MW - 3	01/28/05	3500.05	sheen	26.93	0.00	3473.12
MW - 3	02/02/05	3500.05	sheen	27.03	0.00	3473.02
MW - 3	02/05/05	3500.05	sheen	26.87	0.00	3473.18
MW - 3	02/08/05	3500.05	sheen	26.90	0.00	3473.15
MW - 3	02/11/05	3500.05	sheen	26.95	0.00	3473.10
MW - 3	02/15/05	3500.05	sheen	26.93	0.00	3473.12
MW - 3	02/18/05	3500.05	sheen	26.99	0.00	3473.06
MW - 3	02/22/05	3500.05	sheen	26.82	0.00	3473.23
MW - 3	02/25/05	3500.05	sheen	26.92	0.00	3473.13
MW - 3	03/01/05	3500.05	sheen	26.87	0.00	3473.18
MW - 3	03/04/05	3500.05	sheen	26.86	0.00	3473.19
MW - 3	03/08/05	3500.05	sheen	26.74	0.00	3473.31
MW - 3	03/10/05	3500.05	sheen	26.74	0.00	3473.31
MW - 3	03/11/05	3500.05	sheen	26.75	0.00	3473.30
MW - 3	03/15/05	3500.05	sheen	26.73	0.00	3473.32
MW - 3	03/19/05	3500.05	sheen	26.73	0.00	3473.32
MW - 3	03/22/05	3500.05	sheen	26.71	0.00	3473.34
MW - 3	03/28/05	3500.05	sheen	26.65	0.00	3473.40
MW - 3	04/01/05	3500.05	sheen	26.85	0.00	3473.20
MW - 3	04/05/05	3500.05	sheen	26.57	0.00	3473.48
MW - 3	04/08/05	3500.05	sheen	26.58	0.00	3473.47
MW - 3	04/12/05	3500.05	sheen	26.58	0.00	3473.47
MW - 3	04/15/05	3500.05	sheen	26.55	0.00	3473.50
MW - 3	05/25/05	3500.05	sheen	26.25	0.00	3473.80
MW - 3	06/03/05	3500.05	sheen	26.12	0.00	3473.93
MW - 3	06/06/05	3500.05	sheen	26.11	0.00	3473.94
MW - 3	06/10/05	3500.05	-	26.10	0.00	3473.95
MW - 3	06/13/05	3500.05	sheen	26.33	0.00	3473.72
MW - 3	06/20/05	3500.05	sheen	26.37	0.00	3473.68
MW - 3	06/24/05	3500.05	sheen	26.33	0.00	3473.72
MW - 3	06/27/05	3500.05	sheen	26.34	0.00	3473.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	07/18/05	3500.05	sheen	26.68	0.00	3473.37
MW - 3	07/25/05	3500.05	sheen	26.72	0.00	3473.33
MW - 3	08/01/05	3500.05	sheen	26.82	0.00	3473.23
MW - 3	08/04/05	3500.05	sheen	26.83	0.00	3473.22
MW - 3	08/10/05	3500.05	26.84	26.85	0.01	3473.21
MW - 3	08/16/05	3500.05	sheen	26.98	0.00	3473.07
MW - 3	08/23/05	3500.05	sheen	26.75	0.00	3473.30
MW - 3	08/29/05	3500.05	sheen	26.66	0.00	3473.39
MW - 3	09/06/05	3500.05	sheen	26.62	0.00	3473.43
MW - 3	09/09/05	3500.05	26.27	26.28	0.01	3473.78
MW - 3	09/12/05	3500.05	26.58	26.59	0.01	3473.47
MW - 3	09/19/05	3500.05	sheen	26.81	0.00	3473.24
MW - 3	09/27/05	3500.05	sheen	26.84	0.00	3473.21
MW - 3	10/03/05	3500.05	sheen	26.89	0.00	3473.16
MW - 3	10/10/05	3500.05	sheen	26.73	0.00	3473.32
MW - 3	10/17/05	3500.05	sheen	26.70	0.00	3473.35
MW - 3	10/24/05	3500.05	sheen	26.64	0.00	3473.41
MW - 3	11/01/05	3500.05	sheen	26.59	0.00	3473.46
MW - 3	11/08/05	3500.05	sheen	26.64	0.00	3473.41
MW - 3	11/15/05	3500.05	sheen	26.65	0.00	3473.40
MW - 3	11/22/05	3500.05	sheen	26.49	0.00	3473.56
MW - 3	11/27/05	3500.05	sheen	26.51	0.00	3473.54
MW - 3	12/05/05	3500.05	-	26.42	0.00	3473.63
MW - 3	12/07/05	3500.05	sheen	26.51	0.00	3473.54
MW - 3	12/16/05	3500.05	sheen	26.40	0.00	3473.65
MW - 3	12/29/05	3500.05	sheen	26.33	0.00	3473.72
MW - 3	01/03/06	3500.05	sheen	26.43	0.00	3473.62
MW - 3	01/09/06	3500.05	sheen	26.50	0.00	3473.55
MW - 3	01/16/06	3500.05	sheen	26.30	0.00	3473.75
MW - 3	01/23/06	3500.05	sheen	26.51	0.00	3473.54
MW - 3	01/30/06	3500.05	sheen	26.53	0.00	3473.52
MW - 3	02/07/06	3500.05	sheen	26.43	0.00	3473.62
MW - 3	02/14/06	3500.05	sheen	26.36	0.00	3473.69
MW - 3	02/21/06	3500.05	sheen	26.34	0.00	3473.71
MW - 3	02/27/06	3500.05	sheen	26.35	0.00	3473.70
MW - 3	03/06/06	3500.05	sheen	26.36	0.00	3473.69
MW - 3	03/09/06	3500.05	sheen	26.27	0.00	3473.78
MW - 3	03/17/06	3500.05	sheen	26.48	0.00	3473.57
MW - 3	03/21/06	3500.05	sheen	26.49	0.00	3473.56
MW - 3	03/28/06	3500.05	sheen	26.50	0.00	3473.55
MW - 3	04/03/06	3500.05	sheen	26.47	0.00	3473.58
MW - 3	04/10/06	3500.05	sheen	26.23	0.00	3473.82
MW - 3	04/17/06	3500.05	sheen	26.22	0.00	3473.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	05/01/06	3500.05	sheen	26.28	0.00	3473.77
MW - 3	05/08/06	3500.05	sheen	26.27	0.00	3473.78
MW - 3	05/15/06	3500.05	sheen	26.55	0.00	3473.50
MW - 3	06/05/06	3500.05	sheen	26.69	0.00	3473.36
MW - 3	06/08/06	3500.05	-	26.86	0.00	3473.19
MW - 3	06/12/06	3500.05	sheen	26.90	0.00	3473.15
MW - 3	06/19/06	3500.05	-	27.70	0.00	3472.35
MW - 3	09/06/06	3500.05	sheen	26.58	0.00	3473.47
MW - 3	09/11/06	3500.05	-	26.61	0.00	3473.44
MW - 3	09/15/06	3500.05	-	26.53	0.00	3473.52
MW - 3	10/09/06	3500.05	sheen	26.55	0.00	3473.50
MW - 3	10/17/06	3500.05	sheen	26.48	0.00	3473.57
MW - 3	11/29/06	3500.05	-	26.30	0.00	3473.75
MW - 3	01/04/07	3500.05	sheen	26.18	0.00	3473.87
MW - 3	02/14/07	3500.05	-	26.31	0.00	3473.74
MW - 3	02/26/07	3500.05	-	26.21	0.00	3473.84
MW - 3	04/03/07	3500.05	-	26.29	0.00	3473.76
MW - 3	04/17/07	3500.05	sheen	26.04	0.00	3474.01
MW - 3	05/21/07	3500.05	-	25.79	0.00	3474.26
MW - 3	08/16/07	3500.05	-	26.53	0.00	3473.52
MW - 3	09/13/07	3500.05	sheen	26.55	0.00	3473.50
MW - 3	11/07/07	3500.05	-	26.24	0.00	3473.81
MW - 3	01/09/08	3500.05	-	26.04	0.00	3474.01
MW - 3	01/16/08	3500.05	-	26.19	0.00	3473.86
MW - 3	01/23/08	3500.05	-	26.29	0.00	3473.76
MW - 3	02/08/08	3500.05	-	24.57	0.00	3475.48
MW - 3	02/12/08	3500.05	-	26.31	0.00	3473.74
MW - 3	02/22/08	3500.05	-	26.30	0.00	3473.75
MW - 3	03/05/08	3500.05	-	26.28	0.00	3473.77
MW - 3	06/23/08	3500.05	-	26.90	0.00	3473.15
MW - 3	05/15/08	3500.05	-	26.41	0.00	3473.64
MW - 3	08/18/08	3500.05	-	27.49	0.00	3472.56
MW - 3	09/17/08	3500.05	-	27.18	0.00	3472.87
MW - 3	09/29/08	3500.05	-	27.10	0.00	3472.95
MW - 3	10/06/08	3500.05	-	27.10	0.00	3472.95
MW - 3	10/13/08	3500.05	-	27.18	0.00	3472.87
MW - 3	10/20/08	3500.05	-	27.14	0.00	3472.91
MW - 3	10/29/08	3500.05	-	27.01	0.00	3473.04
MW - 3	11/05/08	3500.05	-	26.88	0.00	3473.17
MW - 3	11/10/08	3500.05	-	26.81	0.00	3473.24
MW - 3	11/13/08	3500.05	-	26.88	0.00	3473.17
MW - 3	12/03/08	3500.05	-	27.94	0.00	3472.11
MW - 3	12/16/08	3500.05	-	26.89	0.00	3473.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/30/08	3500.05	sheen	26.91	0.00	3473.14
MW - 3	02/11/09	3500.05	-	26.94	0.00	3473.11
MW - 3	02/24/09	3500.05	-	26.89	0.00	3473.16
MW - 3	03/04/09	3500.05	-	26.84	0.00	3473.21
MW - 3	03/17/09	3500.05	-	26.92	0.00	3473.13
MW - 3	03/25/09	3500.05	-	26.89	0.00	3473.16
MW - 3	04/08/09	3500.05	-	26.91	0.00	3473.14
MW - 3	04/15/09	3500.05	-	26.41	0.00	3473.64
MW - 3	04/29/09	3500.05	-	26.40	0.00	3473.65
MW - 3	05/13/09	3500.05	-	26.94	0.00	3473.11
MW - 3	06/10/09	3500.05	-	26.83	0.00	3473.22
MW - 3	06/12/09	3500.05	-	27.39	0.00	3472.66
MW - 3	06/18/09	3500.05	-	26.82	0.00	3473.23
MW - 3	07/02/09	3500.05	-	27.61	0.00	3472.44
MW - 3	07/08/09	3500.05	-	26.66	0.00	3473.39
MW - 3	07/14/09	3500.05	-	26.03	0.00	3474.02
MW - 3	07/20/09	3500.05	-	26.05	0.00	3474.00
MW - 3	07/27/09	3500.05	-	26.05	0.00	3474.00
MW - 3	08/03/09	3500.05	-	27.67	0.00	3472.38
MW - 3	08/10/09	3500.05	-	27.81	0.00	3472.24
MW - 3	08/11/09	3500.05	-	27.81	0.00	3472.24
MW - 3	08/24/09	3500.05	-	27.97	0.00	3472.08
MW - 3	08/31/09	3500.05	-	28.04	0.00	3472.01
MW - 3	09/03/09	3500.05	-	27.99	0.00	3472.06
MW - 3	09/08/09	3500.05	-	28.12	0.00	3471.93
MW - 3	09/10/09	3500.05	-	28.15	0.00	3471.90
MW - 3	09/16/09	3500.05	-	28.10	0.00	3471.95
MW - 3	09/22/09	3500.05	-	28.22	0.00	3471.83
MW - 3	09/29/09	3500.05	-	26.07	0.00	3473.98
MW - 3	10/02/09	3500.05	-	28.11	0.00	3471.94
MW - 3	10/07/09	3500.05	-	28.11	0.00	3471.94
MW - 3	10/12/09	3500.05	-	26.67	0.00	3473.38
MW - 3	10/16/09	3500.05	-	28.09	0.00	3471.96
MW - 3	10/20/09	3500.05	-	26.67	0.00	3473.38
MW - 3	10/26/09	3500.05	-	26.67	0.00	3473.38
MW - 3	10/28/09	3500.05	-	28.04	0.00	3472.01
MW - 3	11/04/09	3500.05	-	28.21	0.00	3471.84
MW - 3	11/12/09	3500.05	-	28.02	0.00	3472.03
MW - 3	11/23/09	3500.05	-	28.09	0.00	3471.96
MW - 3	12/03/09	3500.05	sheen	28.17	0.00	3471.88
MW - 3	12/16/09	3500.05	sheen	28.15	0.00	3471.90
MW - 3	12/21/09	3500.05	-	27.99	0.00	3472.06
MW - 3	12/28/09	3500.05	-	26.65	0.00	3473.40

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	01/05/10	3500.05	-	28.09	0.00	3471.96
MW - 3	01/20/10	3500.05	-	26.63	0.00	3473.42
MW - 3	01/25/10	3500.05	-	26.63	0.00	3473.42
MW - 3	01/27/10	3500.05	sheen	28.15	0.00	3471.90
MW - 3	02/10/10	3500.05	-	28.16	0.00	3471.89
MW - 3	03/01/10	3500.05	-	26.64	0.00	3473.41
MW - 3	03/09/10	3500.05	-	28.18	0.00	3471.87
MW - 3	03/11/10	3500.05	-	28.15	0.00	3471.90
MW - 3	05/25/10	3500.05	-	27.69	0.00	3472.36
MW - 3	06/07/10	3500.05	-	28.00	0.00	3472.05
MW - 3	06/12/10	3500.05	-	27.72	0.00	3472.33
MW - 3	06/25/10	3500.05	-	28.18	0.00	3471.87
MW - 3	07/07/10	3500.05	-	27.75	0.00	3472.30
MW - 3	07/12/10	3500.05	-	27.96	0.00	3472.09
MW - 3	08/03/10	3500.05	-	27.14	0.00	3472.91
MW - 3	08/13/10	3500.05	-	27.15	0.00	3472.90
MW - 3	08/19/10	3500.05	-	27.16	0.00	3472.89
MW - 3	08/25/10	3500.05	-	27.21	0.00	3472.84
MW - 3	09/01/10	3500.05	-	27.15	0.00	3472.90
MW - 3	09/09/10	3500.05	-	27.21	0.00	3472.84
MW - 3	09/13/10	3500.05	-	27.17	0.00	3472.88
MW - 3	09/29/10	3500.05	-	27.20	0.00	3472.85
MW - 3	10/05/10	3500.05	-	27.19	0.00	3472.86
MW - 3	10/25/10	3500.05	-	27.17	0.00	3472.88
MW - 3	11/03/10	3500.05	-	27.18	0.00	3472.87
MW - 3	11/10/10	3500.05	-	26.31	0.00	3473.74
MW - 3	11/18/10	3500.05	-	26.31	0.00	3473.74
MW - 3	12/09/10	3500.05	-	27.17	0.00	3472.88
MW - 3	01/18/11	3500.05	-	26.31	0.00	3473.74
MW - 3	02/22/11	3500.05	-	26.29	0.00	3473.76
MW - 3	03/01/11	3500.05	sheen	27.69	0.00	3472.36
MW - 3	03/07/11	3500.05	sheen	27.43	0.00	3472.62
MW - 3	03/22/11	3500.05	-	26.28	0.00	3473.77
MW - 3	04/27/11	3500.05	sheen	27.70	0.00	3472.35
MW - 3	05/05/11	3500.05	sheen	27.75	0.00	3472.30
MW - 3	05/10/11	3500.05	sheen	27.73	0.00	3472.32
MW - 3	05/17/11	3500.05	sheen	27.73	0.00	3472.32
MW - 3	05/17/11	3500.05	-	27.73	0.00	3472.32
MW - 3	05/24/11	3500.05	sheen	27.68	0.00	3472.37
MW - 3	06/07/11	3500.05	-	27.81	0.00	3472.24
MW - 3	06/14/11	3500.05	-	27.85	0.00	3472.20
MW - 3	06/23/11	3500.05	-	27.81	0.00	3472.24
MW - 3	06/28/11	3500.05	-	27.87	0.00	3472.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	07/06/11	3500.05	sheen	28.45	0.00	3471.60
MW - 3	07/14/11	3500.05	-	28.43	0.00	3471.62
MW - 3	07/27/11	3500.05	-	28.20	0.00	3471.85
MW - 3	08/03/11	3500.05	-	28.65	0.00	3471.40
MW - 3	08/11/11	3500.05	-	28.80	0.00	3471.25
MW - 3	08/18/11	3500.05	-	28.70	0.00	3471.35
MW - 3	08/25/11	3500.05	-	28.76	0.00	3471.29
MW - 3	09/02/11	3500.05	-	28.80	0.00	3471.25
MW - 3	09/09/11	3500.05	-	28.92	0.00	3471.13
MW - 3	11/08/11	3500.05	-	28.85	0.00	3471.20
MW - 3	12/28/11	3500.05	-	28.72	0.00	3471.33
MW - 3	01/05/12	3500.05	-	28.74	0.00	3471.31
MW - 3	01/18/12	3500.05	-	28.68	0.00	3471.37
MW - 3	01/27/12	3500.05	-	28.72	0.00	3471.33
MW - 3	02/02/12	3500.05	-	28.65	0.00	3471.40
MW - 3	02/10/12	3500.05	-	28.67	0.00	3471.38
MW - 3	02/15/12	3500.05	-	28.70	0.00	3471.35
MW - 3	03/01/12	3500.05	-	28.53	0.00	3471.52
MW - 3	03/07/12	3500.05	-	28.56	0.00	3471.49
MW - 3	03/14/12	3500.05	-	28.58	0.00	3471.47
MW - 3	03/19/12	3500.05	-	28.50	0.00	3471.55
MW - 3	03/26/12	3500.05	-	28.51	0.00	3471.54
MW - 3	04/04/12	3500.05	-	28.54	0.00	3471.51
MW - 3	04/11/12	3500.05	-	28.50	0.00	3471.55
MW - 3	04/17/12	3500.05	-	28.59	0.00	3471.46
MW - 3	04/25/12	3500.05	-	28.47	0.00	3471.58
MW - 3	05/23/12	3500.05	-	28.15	0.00	3471.90
MW - 3	05/31/12	3500.05	-	28.63	0.00	3471.42
MW - 3	06/06/12	3500.05	-	28.66	0.00	3471.39
MW - 3	06/13/12	3500.05	-	28.86	0.00	3471.19
MW - 3	06/20/12	3500.05	-	28.63	0.00	3471.42
MW - 3	07/11/12	3500.05	-	28.76	0.00	3471.29
MW - 3	07/18/12	3500.05	-	28.84	0.00	3471.21
MW - 3	08/02/12	3500.05	-	29.03	0.00	3471.02
MW - 3	08/09/12	3500.05	-	29.20	0.00	3470.85
MW - 3	08/16/12	3500.05	-	29.37	0.00	3470.68
MW - 3	10/02/12	3500.05	-	29.41	0.00	3470.64
MW - 3	10/10/12	3500.05	-	29.31	0.00	3470.74
MW - 3	10/17/12	3500.05	-	29.20	0.00	3470.85
MW - 3	10/26/12	3500.05	-	29.37	0.00	3470.68
MW - 3	11/01/12	3500.05	-	29.15	0.00	3470.90
MW - 3	11/19/12	3500.05	-	29.16	0.00	3470.89
MW - 3	12/13/12	3500.05	-	28.65	0.00	3471.40

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/18/12	3500.05	-	28.96	0.00	3471.09
MW - 3	01/08/13	3500.05	-	29.00	0.00	3471.05
MW - 3	01/16/13	3500.05	-	29.09	0.00	3470.96
MW - 3	01/24/13	3500.05	-	29.08	0.00	3470.97
MW - 3	01/30/13	3500.05	-	29.08	0.00	3470.97
MW - 3	02/12/13	3500.05	-	29.00	0.00	3471.05
MW - 3	03/19/13	3500.05	-	28.93	0.00	3471.12
MW - 3	04/02/13	3500.05	-	28.92	0.00	3471.13
MW - 3	04/08/13	3500.05	-	28.80	0.00	3471.25
MW - 3	04/16/13	3500.05	-	28.93	0.00	3471.12
MW - 3	04/23/13	3500.05	-	29.04	0.00	3471.01
MW - 3	05/01/13	3500.05	-	28.97	0.00	3471.08
MW - 3	05/08/13	3500.05	-	28.94	0.00	3471.11
MW - 3	05/15/13	3500.05	-	28.90	0.00	3471.15
MW - 3	05/17/13	3500.05	-	28.91	0.00	3471.14
MW - 3	05/23/13	3500.05	-	28.99	0.00	3471.06
MW - 3	05/29/13	3500.05	-	28.94	0.00	3471.11
MW - 3	06/12/13	3500.05	-	29.27	0.00	3470.78
MW - 3	06/19/13	3500.05	-	29.40	0.00	3470.65
MW - 3	06/27/13	3500.05	-	29.51	0.00	3470.54
MW - 3	07/02/13	3500.05	-	29.59	0.00	3470.46
MW - 3	07/08/13	3500.05	-	29.63	0.00	3470.42
MW - 3	07/15/13	3500.05	-	29.69	0.00	3470.36
MW - 3	07/23/13	3500.05	-	29.62	0.00	3470.43
MW - 3	07/29/13	3500.05	-	29.51	0.00	3470.54
MW - 3	08/07/13	3500.05	-	29.55	0.00	3470.50
MW - 3	08/15/13	3500.05	-	29.85	0.00	3470.20
MW - 3	08/20/13	3500.05	-	29.91	0.00	3470.14
MW - 3	08/28/13	3500.05	-	29.88	0.00	3470.17
MW - 3	09/05/13	3500.05	-	30.02	0.00	3470.03
MW - 3	09/09/13	3500.05	-	29.91	0.00	3470.14
MW - 3	09/18/13	3500.05	-	29.96	0.00	3470.09
MW - 3	09/28/13	3500.05	-	30.03	0.00	3470.02
MW - 3	10/01/13	3500.05	-	29.93	0.00	3470.12
MW - 3	10/08/13	3500.05	-	29.92	0.00	3470.13
MW - 3	10/14/13	3500.05	-	29.92	0.00	3470.13
MW - 3	10/23/13	3500.05	-	29.76	0.00	3470.29
MW - 3	10/29/13	3500.05	-	29.66	0.00	3470.39
MW - 3	11/16/13	3500.05	-	29.56	0.00	3470.49
MW - 3	11/27/13	3500.05	-	29.83	0.00	3470.22
MW - 3	12/02/13	3500.05	-	29.53	0.00	3470.52
MW - 3	12/14/13	3500.05	-	29.87	0.00	3470.18
MW - 3	12/19/13	3500.05	-	29.35	0.00	3470.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/24/13	3500.05	-	29.55	0.00	3470.50
MW - 3	01/02/14	3500.05	-	29.52	0.00	3470.53
MW - 3	01/07/14	3500.05	-	29.43	0.00	3470.62
MW - 3	01/14/14	3500.05	-	29.55	0.00	3470.50
MW - 3	01/21/14	3500.05	-	29.47	0.00	3470.58
MW - 3	01/31/14	3500.05	-	29.43	0.00	3470.62
MW - 3	02/10/14	3500.05	-	29.45	0.00	3470.60
MW - 3	02/27/14	3500.05	-	29.37	0.00	3470.68
MW - 3	03/06/14	3500.05	-	29.36	0.00	3470.69
MW - 3	03/13/14	3500.05	-	29.40	0.00	3470.65
MW - 3	03/25/14	3500.05	-	29.41	0.00	3470.64
MW - 3	04/03/14	3500.05	-	29.31	0.00	3470.74
MW - 3	04/07/14	3500.05	-	29.37	0.00	3470.68
MW - 3	04/14/14	3500.05	-	29.51	0.00	3470.54
MW - 3	04/23/14	3500.05	-	29.25	0.00	3470.80
MW - 3	04/28/14	3500.05	-	29.36	0.00	3470.69
MW - 3	05/05/14	3500.05	-	29.30	0.00	3470.75
MW - 3	05/14/14	3500.05	-	29.44	0.00	3470.61
MW - 3	05/22/14	3500.05	-	29.47	0.00	3470.58
MW - 3	05/28/14	3500.05	-	29.54	0.00	3470.51
MW - 3	06/02/14	3500.05	-	29.62	0.00	3470.43
MW - 3	06/12/14	3500.05	-	29.88	0.00	3470.17
MW - 3	06/17/14	3500.05	-	29.90	0.00	3470.15
MW - 3	06/25/14	3500.05	-	29.99	0.00	3470.06
MW - 3	06/30/14	3500.05	-	29.95	0.00	3470.10
MW - 3	07/11/14	3500.05	-	30.10	0.00	3469.95
MW - 3	07/14/14	3500.05	-	30.06	0.00	3469.99
MW - 3	07/22/14	3500.05	-	30.10	0.00	3469.95
MW - 3	07/23/14	3500.05	-	30.10	0.00	3469.95
MW - 3	08/05/14	3500.05	-	30.19	0.00	3469.86
MW - 3	08/12/14	3500.05	-	30.29	0.00	3469.76
MW - 3	08/13/14	3500.05	-	30.24	0.00	3469.81
MW - 3	08/27/14	3500.05	-	30.35	0.00	3469.70
MW - 3	09/17/14	3500.05	-	29.99	0.00	3470.06
MW - 3	09/23/14	3500.05	-	29.22	0.00	3470.83
MW - 3	10/10/14	3500.05	-	28.55	0.00	3471.50
MW - 3	10/15/14	3500.05	-	28.51	0.00	3471.54
MW - 3	10/20/14	3500.05	-	28.49	0.00	3471.56
MW - 3	10/27/14	3500.05	-	28.42	0.00	3471.63
MW - 3	11/04/14	3500.05	-	28.61	0.00	3471.44
MW - 3	11/06/14	3500.05	-	28.56	0.00	3471.49
MW - 3	11/11/14	3500.05	-	28.44	0.00	3471.61
MW - 3	11/18/14	3500.05	-	28.34	0.00	3471.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/02/14	3500.05	-	28.24	0.00	3471.81
MW - 3	12/09/14	3500.05	-	28.27	0.00	3471.78
MW - 3	12/17/14	3500.05	-	28.18	0.00	3471.87
MW - 3	12/23/14	3500.05	-	28.34	0.00	3471.71
MW - 3	12/30/14	3500.05	-	28.43	0.00	3471.62
MW - 3	01/06/15	3500.05	-	28.30	0.00	3471.75
MW - 3	01/09/15	3500.05	-	28.34	0.00	3471.71
MW - 3	01/13/15	3500.05	-	28.24	0.00	3471.81
MW - 3	01/21/15	3500.05	-	28.17	0.00	3471.88
MW - 3	01/26/15	3500.05	-	28.25	0.00	3471.80
MW - 3	02/05/15	3500.05	-	28.30	0.00	3471.75
MW - 3	02/16/15	3500.05	-	28.20	0.00	3471.85
MW - 3	02/17/15	3500.05	-	28.27	0.00	3471.78
MW - 3	03/04/15	3500.05	-	28.18	0.00	3471.87
MW - 3	03/10/15	3500.05	-	28.13	0.00	3471.92
MW - 3	03/16/15	3500.05	-	28.07	0.00	3471.98
MW - 3	03/23/15	3500.05	-	28.06	0.00	3471.99
MW - 3	03/31/15	3500.05	-	27.96	0.00	3472.09
MW - 3	04/03/15	3500.05	-	28.19	0.00	3471.86
MW - 3	04/06/15	3500.05	-	27.99	0.00	3472.06
MW - 3	04/16/15	3500.05	-	27.84	0.00	3472.21
MW - 3	04/22/15	3500.05	-	27.80	0.00	3472.25
MW - 3	05/01/15	3500.05	-	27.88	0.00	3472.17
MW - 3	05/11/15	3500.05	-	27.85	0.00	3472.20
MW - 3	05/14/15	3500.05	-	27.70	0.00	3472.35
MW - 3	05/29/15	3500.05	-	27.62	0.00	3472.43
MW - 3	06/04/15	3500.05	-	27.62	0.00	3472.43
MW - 3	06/09/15	3500.05	-	27.61	0.00	3472.44
MW - 3	06/17/15	3500.05	-	27.71	0.00	3472.34
MW - 3	06/23/15	3500.05	-	27.74	0.00	3472.31
MW - 3	06/29/15	3500.05	-	27.70	0.00	3472.35
MW - 3	07/09/15	3500.05	-	27.88	0.00	3472.17
MW - 3	07/15/15	3500.05	-	27.92	0.00	3472.13
MW - 3	07/20/15	3500.05	-	28.08	0.00	3471.97
MW - 3	07/30/15	3500.05	-	28.29	0.00	3471.76
MW - 3	08/03/15	3500.05	-	28.25	0.00	3471.80
MW - 3	08/04/15	3500.05	-	28.29	0.00	3471.76
MW - 3	08/11/15	3500.05	-	28.36	0.00	3471.69
MW - 3	08/18/15	3500.05	-	28.32	0.00	3471.73
MW - 3	08/26/15	3500.05	-	28.25	0.00	3471.80
MW - 3	09/02/15	3500.05	-	28.10	0.00	3471.95
MW - 3	10/22/15	3500.05	-	28.06	0.00	3471.99
MW - 3	11/17/15	3500.05	-	27.87	0.00	3472.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/03/15	3500.05	-	27.92	0.00	3472.13
MW - 3	12/09/15	3500.05	-	27.79	0.00	3472.26
MW - 3	01/06/16	3500.05	-	27.70	0.00	3472.35
MW - 3	01/13/16	3500.05	-	27.79	0.00	3472.26
MW - 3	01/15/16	3500.05	-	27.77	0.00	3472.28
MW - 3	01/29/16	3500.05	-	27.65	0.00	3472.40
MW - 3	02/04/16	3500.05	-	27.60	0.00	3472.45
MW - 3	02/10/16	3500.05	-	27.75	0.00	3472.30
MW - 3	03/03/16	3500.05	-	27.82	0.00	3472.23
MW - 3	03/16/16	3500.05	-	27.65	0.00	3472.40
MW - 3	04/12/16	3500.05	-	27.53	0.00	3472.52
MW - 3	04/15/16	3500.05	-	27.40	0.00	3472.65
MW - 3	04/19/16	3500.05	-	27.43	0.00	3472.62
MW - 3	04/29/16	3500.05	-	27.43	0.00	3472.62
MW - 3	05/04/16	3500.05	-	27.48	0.00	3472.57
MW - 3	05/13/16	3500.05	-	27.55	0.00	3472.50
MW - 3	05/18/16	3500.05	-	27.57	0.00	3472.48
MW - 3	05/25/16	3500.05	-	27.57	0.00	3472.48
MW - 3	06/02/16	3500.05	-	27.64	0.00	3472.41
MW - 3	06/06/16	3500.05	-	27.69	0.00	3472.36
MW - 3	06/28/16	3500.05	-	28.04	0.00	3472.01
MW - 3	07/05/16	3500.05	-	28.14	0.00	3471.91
MW - 3	07/14/16	3500.05	-	28.31	0.00	3471.74
MW - 3	07/21/16	3500.05	-	28.48	0.00	3471.57
MW - 3	07/25/16	3500.05	-	28.51	0.00	3471.54
MW - 3	08/01/16	3500.05	-	28.58	0.00	3471.47
MW - 3	08/09/16	3500.05	-	28.71	0.00	3471.34
MW - 3	08/15/16	3500.05	-	28.70	0.00	3471.35
MW - 3	08/18/16	3500.05	-	28.70	0.00	3471.35
MW - 3	08/22/16	3500.05	-	28.73	0.00	3471.32
MW - 3	09/06/16	3500.05	-	27.53	0.00	3472.52
MW - 3	09/12/16	3500.05	-	27.11	0.00	3472.94
MW - 3	09/19/16	3500.05	-	26.85	0.00	3473.20
MW - 3	09/26/16	3500.05	-	26.59	0.00	3473.46
MW - 3	10/17/16	3500.05	-	26.42	0.00	3473.63
MW - 3	10/25/16	3500.05	-	26.49	0.00	3473.56
MW - 3	11/03/16	3500.05	-	26.71	0.00	3473.34
MW - 3	11/08/16	3500.05	-	26.68	0.00	3473.37
MW - 3	11/15/16	3500.05	-	26.57	0.00	3473.48
MW - 3	11/22/16	3500.05	-	26.54	0.00	3473.51
MW - 3	12/05/16	3500.05	-	26.65	0.00	3473.40
MW - 3	12/13/16	3500.05	-	26.65	0.00	3473.40
MW - 3	12/22/16	3500.05	-	26.72	0.00	3473.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/27/16	3500.05	-	26.68	0.00	3473.37
MW - 3	01/04/17	3500.05	-	26.58	0.00	3473.47
MW - 3	01/13/17	3500.05	-	26.79	0.00	3473.26
MW - 3	01/17/17	3500.05	-	26.68	0.00	3473.37
MW - 3	01/24/17	3500.05	-	26.57	0.00	3473.48
MW - 3	01/31/17	3500.05	-	26.53	0.00	3473.52
MW - 3	02/07/17	3500.05	-	26.60	0.00	3473.45
MW - 3	02/16/17	3500.05	-	26.51	0.00	3473.54
MW - 3	02/20/17	3500.05	-	26.69	0.00	3473.36
MW - 3	03/01/17	3500.05	-	26.80	0.00	3473.25
MW - 3	03/06/17	3500.05	-	26.67	0.00	3473.38
MW - 3	03/14/17	3500.05	-	26.52	0.00	3473.53
MW - 3	03/24/17	3500.05	-	26.53	0.00	3473.52
MW - 3	04/04/17	3500.05	-	26.43	0.00	3473.62
MW - 3	04/13/17	3500.05	-	26.42	0.00	3473.63
MW - 3	04/19/17	3500.05	-	26.39	0.00	3473.66
MW - 3	05/01/17	3500.05	-	26.44	0.00	3473.61
MW - 3	05/11/17	3500.05	-	26.52	0.00	3473.53
MW - 3	05/18/17	3500.05	-	26.52	0.00	3473.53
MW - 3	05/23/17	3500.05	-	26.64	0.00	3473.41
MW - 3	06/06/17	3500.05	-	26.64	0.00	3473.41
MW - 3	06/12/17	3500.05	-	26.77	0.00	3473.28
MW - 3	07/03/17	3500.05	-	27.01	0.00	3473.04
MW - 3	07/25/17	3500.05	-	27.28	0.00	3472.77
MW - 3	08/14/17	3500.05	-	26.89	0.00	3473.16
MW - 3	08/21/17	3500.05	-	26.92	0.00	3473.13
MW - 3	09/06/17	3500.05	-	26.63	0.00	3473.42
MW - 3	09/12/17	3500.05	-	26.69	0.00	3473.36
MW - 3	10/04/17	3500.05	-	26.76	0.00	3473.29
MW - 3	10/17/17	3500.05	-	26.56	0.00	3473.49
MW - 3	10/23/17	3500.05	-	26.57	0.00	3473.48
MW - 3	10/30/17	3500.05	-	26.63	0.00	3473.42
MW - 3	11/15/17	3500.05	-	26.67	0.00	3473.38
MW - 3	12/04/17	3500.05	-	26.49	0.00	3473.56
MW - 3	12/22/17	3500.05	-	26.64	0.00	3473.41
MW - 3	12/29/17	3500.05	-	26.66	0.00	3473.39
MW - 3	01/02/18	3500.05	-	26.68	0.00	3473.37
MW - 3	01/17/18	3500.05	-	26.64	0.00	3473.41
MW - 3	01/23/18	3500.05	-	26.65	0.00	3473.40
MW - 3	01/29/18	3500.05	-	26.72	0.00	3473.33
MW - 3	02/05/18	3500.05	-	26.54	0.00	3473.51
MW - 3	02/14/18	3500.05	-	26.59	0.00	3473.46
MW - 3	02/20/18	3500.05	-	26.45	0.00	3473.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	03/28/18	3500.05	-	26.61	0.00	3473.44
MW - 3	04/05/18	3500.05	-	26.56	0.00	3473.49
MW - 3	04/13/18	3500.05	-	26.56	0.00	3473.49
MW - 3	04/27/18	3500.05	-	26.69	0.00	3473.36
MW - 3	05/16/18	3500.05	-	26.74	0.00	3473.31
MW - 3	06/15/18	3500.05	-	27.13	0.00	3472.92
MW - 3	06/19/18	3500.05	-	27.20	0.00	3472.85
MW - 3	06/29/18	3500.05	-	27.33	0.00	3472.72
MW - 3	07/16/18	3500.05	-	27.59	0.00	3472.46
MW - 3	08/14/18	3500.05	-	27.84	0.00	3472.21
MW - 3	09/05/18	3500.05	-	28.07	0.00	3471.98
MW - 3	09/10/18	3500.05	-	27.72	0.00	3472.33
MW - 3	10/08/18	3500.05	-	27.59	0.00	3472.46
MW - 3	11/29/18	3500.05	-	27.15	0.00	3472.90
MW - 3	12/14/18	3500.05	-	27.24	0.00	3472.81
MW - 3	01/29/19	3500.05	-	27.10	0.00	3472.95
MW - 3	03/05/19	3500.05	-	27.16	0.00	3472.89
MW - 3	03/29/19	3500.05	-	26.82	0.00	3473.23
MW - 3	04/18/19	3500.05	-	26.98	0.00	3473.07
MW - 3	05/14/19	3500.05	-	26.92	0.00	3473.13
MW - 3	06/06/19	3500.05	-	27.16	0.00	3472.89
MW - 3	07/17/19	3500.05	-	27.54	0.00	3472.51
MW - 3	09/11/19	3500.05	-	27.98	0.00	3472.07
MW - 3	10/16/19	3500.05	-	27.54	0.00	3472.51
MW - 3	12/04/19	3500.05	-	27.15	0.00	3472.90
MW - 3	12/30/19	3500.05	-	27.25	0.00	3472.80
MW - 3	01/14/20	3500.05	-	27.20	0.00	3472.85
MW - 3	02/13/20	3500.05	-	27.10	0.00	3472.95
MW - 3	05/15/20	3500.05	-	26.75	0.00	3473.30
MW - 3	06/25/20	3500.05	-	27.43	0.00	3472.62
MW - 3	07/28/20	3500.05	-	27.86	0.00	3472.19
MW - 3	08/19/20	3500.05	-	27.98	0.00	3472.07
MW - 3	09/11/20	3500.05	-	28.15	0.00	3471.90
MW - 3	10/30/20	3500.05	-	28.26	0.00	3471.79
MW - 3	11/11/20	3500.05	-	28.26	0.00	3471.79
MW - 3	12/30/20	3500.05	-	28.24	0.00	3471.81
MW - 3	01/21/21	3500.05	-	28.09	0.00	3471.96
MW - 3	03/17/21	3500.05	-	28.32	0.00	3471.73
MW - 3	05/27/21	3500.05	-	28.28	0.00	3471.77
MW - 3	07/26/21	3500.05	-	28.40	0.00	3471.65
MW - 3	07/27/21	3500.05	-	28.40	0.00	3471.65
MW - 3	09/29/21	3500.05	-	28.63	0.00	3471.42
MW - 3	10/13/21	3500.05	-	28.57	0.00	3471.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	10/29/21	3500.05	-	28.70	0.00	3471.35
MW - 3	12/01/21	3500.05	-	28.45	0.00	3471.60
MW - 4	11/30/99	3498.38	29.16	31.36	2.20	3468.89
MW - 4	03/03/00	3498.38	29.55	30.28	0.73	3468.72
MW - 4	05/16/00	3498.38	29.56	30.33	0.77	3468.70
MW - 4	09/01/00	3498.38	30.11	31.24	1.13	3468.10
MW - 4	11/21/00	3498.38	30.21	31.56	1.35	3467.97
MW - 4	03/05/01	3498.38	29.66	31.52	1.86	3468.44
MW - 4	05/17/01	3498.38	29.42	31.31	1.89	3468.68
MW - 4	08/27/01	3498.38	30.46	32.21	1.75	3467.66
MW - 4	10/24/01	3498.38	29.91	31.28	1.37	3468.26
MW - 4	03/27/02	3498.38	29.38	31.20	1.82	3468.73
MW - 4	05/14/02	3498.38	28.99	30.98	1.99	3469.09
MW - 4	06/07/02	3498.38	29.03	31.38	2.35	3469.00
MW - 4	09/27/02	3498.38	28.97	31.52	2.55	3469.03
MW - 4	10/29/02	3498.38	-	29.82	0.00	3468.56
MW - 4	11/07/02	3498.38	29.56	29.97	0.41	3468.76
MW - 4	12/04/02	3498.38	29.14	30.31	1.17	3469.06
MW - 4	01/07/03	3498.38	sheen	31.55	0.00	3466.83
MW - 4	01/27/03	3498.38	29.07	30.03	0.96	3469.17
MW - 4	02/25/03	3498.38	29.02	30.27	1.25	3469.17
MW - 4	03/06/03	3498.38	24.07	30.46	6.39	3473.35
MW - 4	03/11/03	3498.38	29.04	30.33	1.29	3469.15
MW - 4	03/20/03	3498.38	29.14	30.67	1.53	3469.01
MW - 4	03/25/03	3498.38	sheen	29.18	0.00	3469.20
MW - 4	04/02/03	3498.38	-	29.37	0.00	3469.01
MW - 4	04/16/03	3498.38	-	30.11	0.00	3468.27
MW - 4	04/23/03	3498.38	28.12	28.17	0.05	3470.25
MW - 4	04/29/03	3498.38	28.91	29.08	0.17	3469.44
MW - 4	05/15/03	3498.38	sheen	29.62	0.00	3468.76
MW - 4	05/22/03	3498.38	-	29.83	0.00	3468.55
MW - 4	05/28/03	3498.38	sheen	30.44	0.00	3467.94
MW - 4	06/04/03	3498.38	29.72	29.73	0.01	3468.66
MW - 4	06/08/04	3498.38	27.79	29.68	1.89	3470.31
MW - 4	06/10/03	3498.38	sheen	31.24	0.00	3467.14
MW - 4	06/26/03	3498.38	sheen	29.32	0.00	3469.06
MW - 4	07/07/03	3498.38	29.78	30.24	0.46	3468.53
MW - 4	07/30/03	3498.38	29.74	30.23	0.49	3468.57
MW - 4	08/05/03	3498.38	30.11	31.12	1.01	3468.12
MW - 4	08/21/03	3498.38	30.24	31.41	1.17	3467.96
MW - 4	08/26/03	3498.38	30.47	31.50	1.03	3467.76
MW - 4	09/08/03	3498.38	30.22	30.44	0.22	3468.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	09/15/03	3498.38	30.46	30.91	0.45	3467.85
MW - 4	09/24/03	3498.38	28.69	29.89	1.20	3469.51
MW - 4	10/02/03	3498.38	30.31	31.45	1.14	3467.90
MW - 4	10/08/03	3498.38	30.34	31.46	1.12	3467.87
MW - 4	10/16/03	3498.38	30.54	31.73	1.19	3467.66
MW - 4	10/28/03	3498.38	30.56	31.74	1.18	3467.64
MW - 4	11/11/03	3498.38	sheen	30.87	0.00	3467.51
MW - 4	11/18/03	3498.38	-	30.72	0.00	3467.66
MW - 4	11/25/03	3498.38	sheen	30.51	0.00	3467.87
MW - 4	12/08/03	3498.38	sheen	30.58	0.00	3467.80
MW - 4	01/27/04	3498.38	31.12	31.15	0.03	3467.26
MW - 4	02/02/04	3498.38	31.11	31.14	0.03	3467.27
MW - 4	02/10/04	3498.38	30.49	30.68	0.19	3467.86
MW - 4	02/20/04	3498.38	30.59	30.64	0.05	3467.78
MW - 4	03/04/04	3498.38	30.45	30.70	0.25	3467.89
MW - 4	03/16/04	3498.38	31.15	31.19	0.04	3467.22
MW - 4	03/25/04	3498.38	31.17	31.19	0.02	3467.21
MW - 4	03/31/04	3498.38	31.16	31.18	0.02	3467.22
MW - 4	04/01/04	3498.38	30.96	30.99	0.03	3467.42
MW - 4	04/08/04	3498.38	-	29.21	0.00	3469.17
MW - 4	04/14/04	3498.38	28.75	29.24	0.49	3469.56
MW - 4	04/16/04	3498.38	28.84	29.42	0.58	3469.45
MW - 4	04/22/04	3498.38	28.01	29.02	1.01	3470.22
MW - 4	04/29/04	3498.38	28.03	29.33	1.30	3470.16
MW - 4	05/05/04	3498.38	28.32	29.69	1.37	3469.85
MW - 4	05/10/04	3498.38	27.93	29.07	1.14	3470.28
MW - 4	06/08/04	3498.38	27.79	29.68	1.89	3470.31
MW - 4	06/17/04	3498.38	28.01	29.93	1.92	3470.08
MW - 4	06/22/04	3498.38	28.03	29.91	1.88	3470.07
MW - 4	06/25/04	3498.38	28.01	29.90	1.89	3470.09
MW - 4	06/29/04	3498.38	27.94	29.87	1.93	3470.15
MW - 4	07/01/04	3498.38	27.98	29.84	1.86	3470.12
MW - 4	07/08/04	3498.38	27.89	27.91	0.02	3470.49
MW - 4	07/13/04	3498.38	28.04	29.88	1.84	3470.06
MW - 4	07/20/04	3498.38	28.09	30.39	2.30	3469.95
MW - 4	08/04/04	3498.38	28.10	30.38	2.28	3469.94
MW - 4	08/10/04	3498.38	28.11	30.36	2.25	3469.93
MW - 4	08/17/04	3498.38	28.26	30.29	2.03	3469.82
MW - 4	08/23/04	3498.38	28.08	30.14	2.06	3469.99
MW - 4	08/25/04	3498.38	28.13	30.24	2.11	3469.93
MW - 4	08/31/04	3498.38	28.24	30.38	2.14	3469.82
MW - 4	09/13/04	3498.38	28.22	29.65	1.43	3469.95
MW - 4	09/20/04	3498.38	28.30	29.95	1.65	3469.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	09/30/04	3498.38	28.45	30.01	1.56	3469.70
MW - 4	10/04/04	3498.38	27.52	29.40	1.88	3470.58
MW - 4	10/11/04	3498.38	27.29	29.17	1.88	3470.81
MW - 4	10/18/04	3498.38	27.40	28.94	1.54	3470.75
MW - 4	10/27/04	3498.38	27.59	28.97	1.38	3470.58
MW - 4	11/02/04	3498.38	26.91	29.25	2.34	3471.12
MW - 4	11/08/04	3498.38	26.90	29.40	2.50	3471.11
MW - 4	11/15/04	3498.38	26.81	29.29	2.48	3471.20
MW - 4	11/23/04	3498.38	26.69	28.78	2.09	3471.38
MW - 4	12/01/04	3498.38	26.35	28.72	2.37	3471.67
MW - 4	12/02/04	3498.38	26.35	28.72	2.37	3471.67
MW - 4	12/08/04	3498.38	26.49	29.00	2.51	3471.51
MW - 4	12/14/04	3498.38	26.53	28.44	1.91	3471.56
MW - 4	12/21/04	3498.38	26.35	27.80	1.45	3471.81
MW - 4	12/29/04	3498.38	26.19	27.42	1.23	3472.01
MW - 4	02/11/05	3498.38	sheen	26.43	0.00	3471.95
MW - 4	02/15/05	3498.38	sheen	26.63	0.00	3471.75
MW - 4	02/18/05	3498.38	sheen	26.90	0.00	3471.48
MW - 4	02/22/05	3498.38	sheen	26.60	0.00	3471.78
MW - 4	02/25/05	3498.38	sheen	26.56	0.00	3471.82
MW - 4	03/01/05	3498.38	sheen	26.47	0.00	3471.91
MW - 4	03/04/05	3498.38	sheen	26.45	0.00	3471.93
MW - 4	03/08/05	3498.38	sheen	26.37	0.00	3472.01
MW - 4	03/10/05	3498.38	26.33	26.37	0.04	3472.04
MW - 4	03/11/05	3498.38	sheen	26.39	0.00	3471.99
MW - 4	03/15/05	3498.38	sheen	26.58	0.00	3471.80
MW - 4	03/19/05	3498.38	sheen	26.35	0.00	3472.03
MW - 4	03/22/05	3498.38	sheen	26.44	0.00	3471.94
MW - 4	03/28/05	3498.38	sheen	26.24	0.00	3472.14
MW - 4	04/01/05	3498.38	sheen	26.77	0.00	3471.61
MW - 4	04/05/05	3498.38	sheen	26.34	0.00	3472.04
MW - 4	04/08/05	3498.38	sheen	26.37	0.00	3472.01
MW - 4	04/12/05	3498.38	sheen	26.33	0.00	3472.05
MW - 4	04/15/05	3498.38	sheen	26.34	0.00	3472.04
MW - 4	05/25/05	3498.38	sheen	25.94	0.00	3472.44
MW - 4	06/03/05	3498.38	sheen	25.92	0.00	3472.46
MW - 4	06/06/05	3498.38	sheen	25.95	0.00	3472.43
MW - 4	06/10/05	3498.38	25.67	25.68	0.01	3472.71
MW - 4	06/13/05	3498.38	sheen	26.03	0.00	3472.35
MW - 4	06/20/05	3498.38	sheen	26.09	0.00	3472.29
MW - 4	06/24/05	3498.38	sheen	25.94	0.00	3472.44
MW - 4	06/27/05	3498.38	sheen	26.06	0.00	3472.32
MW - 4	07/18/05	3498.38	sheen	26.30	0.00	3472.08

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	07/25/05	3498.38	sheen	26.48	0.00	3471.90
MW - 4	08/01/05	3498.38	sheen	26.78	0.00	3471.60
MW - 4	08/04/05	3498.38	sheen	26.72	0.00	3471.66
MW - 4	08/10/05	3498.38	26.58	26.59	0.01	3471.80
MW - 4	08/16/05	3498.38	sheen	26.75	0.00	3471.63
MW - 4	08/23/05	3498.38	sheen	26.29	0.00	3472.09
MW - 4	08/29/05	3498.38	sheen	26.24	0.00	3472.14
MW - 4	09/06/05	3498.38	26.08	26.12	0.04	3472.29
MW - 4	09/09/05	3498.38	26.03	26.07	0.04	3472.34
MW - 4	09/12/05	3498.38	26.04	26.10	0.06	3472.33
MW - 4	09/19/05	3498.38	26.28	26.40	0.12	3472.08
MW - 4	09/27/05	3498.38	26.33	26.45	0.12	3472.03
MW - 4	10/03/05	3498.38	26.38	26.50	0.12	3471.98
MW - 4	10/10/05	3498.38	26.13	26.15	0.02	3472.25
MW - 4	10/17/05	3498.38	26.10	26.15	0.05	3472.27
MW - 4	10/24/05	3498.38	26.13	26.17	0.04	3472.24
MW - 4	11/01/05	3498.38	26.14	26.19	0.05	3472.23
MW - 4	11/08/05	3498.38	26.19	26.23	0.04	3472.18
MW - 4	11/15/05	3498.38	25.13	25.24	0.11	3473.23
MW - 4	11/22/05	3498.38	25.90	26.10	0.20	3472.45
MW - 4	11/27/05	3498.38	25.90	26.01	0.11	3472.46
MW - 4	12/05/05	3498.38	25.86	26.04	0.18	3472.49
MW - 4	12/07/05	3498.38	25.98	26.18	0.20	3472.37
MW - 4	12/16/05	3498.38	25.80	26.00	0.20	3472.55
MW - 4	12/29/05	3498.38	25.87	26.05	0.18	3472.48
MW - 4	01/03/06	3498.38	25.82	26.00	0.18	3472.53
MW - 4	01/09/06	3498.38	25.96	26.26	0.30	3472.38
MW - 4	01/16/06	3498.38	25.68	25.80	0.12	3472.68
MW - 4	01/23/06	3498.38	25.93	26.20	0.27	3472.41
MW - 4	01/30/06	3498.38	26.02	26.10	0.08	3472.35
MW - 4	02/07/06	3498.38	25.96	26.10	0.14	3472.40
MW - 4	02/14/06	3498.38	24.74	24.92	0.18	3473.61
MW - 4	02/21/06	3498.38	25.80	25.90	0.10	3472.57
MW - 4	02/27/06	3498.38	25.75	25.97	0.22	3472.60
MW - 4	03/06/06	3498.38	25.80	26.02	0.22	3472.55
MW - 4	03/09/06	3498.38	25.64	25.80	0.16	3472.72
MW - 4	03/17/06	3498.38	25.86	26.10	0.24	3472.48
MW - 4	03/21/06	3498.38	25.94	26.21	0.27	3472.40
MW - 4	03/28/06	3498.38	26.00	26.18	0.18	3472.35
MW - 4	04/03/06	3498.38	25.93	26.20	0.27	3472.41
MW - 4	04/10/06	3498.38	25.63	25.84	0.21	3472.72
MW - 4	04/17/06	3498.38	25.63	25.83	0.20	3472.72
MW - 4	05/01/06	3498.38	25.70	25.93	0.23	3472.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	05/08/06	3498.38	25.68	25.88	0.20	3472.67
MW - 4	05/15/06	3498.38	26.03	26.22	0.19	3472.32
MW - 4	06/05/06	3498.38	26.13	26.42	0.29	3472.21
MW - 4	06/08/06	3498.38	26.34	26.54	0.20	3472.01
MW - 4	06/12/06	3498.38	26.40	26.64	0.24	3471.94
MW - 4	06/19/06	3498.38	26.50	26.70	0.20	3471.85
MW - 4	07/03/06	3498.38	26.64	26.81	0.17	3471.71
MW - 4	07/10/06	3498.38	26.58	26.72	0.14	3471.78
MW - 4	07/17/06	3498.38	26.61	26.76	0.15	3471.75
MW - 4	07/26/06	3498.38	26.67	26.87	0.20	3471.68
MW - 4	07/31/06	3498.38	26.69	26.86	0.17	3471.66
MW - 4	08/07/06	3498.38	26.81	26.99	0.18	3471.54
MW - 4	08/17/06	3498.38	26.83	26.93	0.10	3471.54
MW - 4	08/21/06	3498.38	26.89	26.94	0.05	3471.48
MW - 4	09/06/06	3498.38	26.13	26.23	0.10	3472.24
MW - 4	09/11/06	3498.38	26.10	26.26	0.16	3472.26
MW - 4	09/15/06	3498.38	25.99	26.06	0.07	3472.38
MW - 4	10/02/06	3498.38	26.01	26.05	0.04	3472.36
MW - 4	10/09/06	3498.38	25.98	26.19	0.21	3472.37
MW - 4	10/17/06	3498.38	25.95	26.08	0.13	3472.41
MW - 4	10/23/06	3498.38	25.97	26.01	0.04	3472.40
MW - 4	10/30/06	3498.38	25.95	25.98	0.03	3472.43
MW - 4	11/06/06	3498.38	25.94	25.96	0.02	3472.44
MW - 4	11/13/06	3498.38	25.91	25.94	0.03	3472.47
MW - 4	11/20/06	3498.38	sheen	26.69	0.00	3471.69
MW - 4	11/27/06	3498.38	26.55	26.56	0.01	3471.83
MW - 4	11/29/06	3498.38	26.56	26.57	0.01	3471.82
MW - 4	12/04/06	3498.38	sheen	25.31	0.00	3473.07
MW - 4	12/12/06	3498.38	25.85	25.87	0.02	3472.53
MW - 4	12/18/06	3498.38	25.93	25.98	0.05	3472.44
MW - 4	01/04/07	3498.38	25.60	25.70	0.10	3472.77
MW - 4	01/11/07	3498.38	25.68	25.78	0.10	3472.69
MW - 4	01/18/07	3498.38	25.85	25.98	0.13	3472.51
MW - 4	01/22/07	3498.38	25.85	26.00	0.15	3472.51
MW - 4	01/31/07	3498.38	25.65	25.70	0.05	3472.72
MW - 4	02/07/07	3498.38	25.74	25.81	0.07	3472.63
MW - 4	02/14/07	3498.38	25.71	25.90	0.19	3472.64
MW - 4	02/26/07	3498.38	25.71	25.94	0.23	3472.64
MW - 4	03/07/07	3498.38	25.84	26.03	0.19	3472.51
MW - 4	04/03/07	3498.38	25.65	25.73	0.08	3472.72
MW - 4	04/09/07	3498.38	25.30	25.35	0.05	3473.07
MW - 4	04/17/07	3498.38	25.39	25.47	0.08	3472.98
MW - 4	05/07/07	3498.38	25.56	25.65	0.09	3472.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	05/17/07	3498.38	25.27	25.34	0.07	3473.10
MW - 4	05/21/07	3498.38	25.02	25.06	0.04	3473.35
MW - 4	05/22/07	3498.38	25.02	25.06	0.04	3473.35
MW - 4	06/01/07	3498.38	25.08	25.13	0.05	3473.29
MW - 4	06/11/07	3498.38	25.26	25.39	0.13	3473.10
MW - 4	06/19/07	3498.38	sheen	25.69	0.00	3472.69
MW - 4	06/25/07	3498.38	sheen	25.71	0.00	3472.67
MW - 4	07/03/07	3498.38	sheen	25.66	0.00	3472.72
MW - 4	07/23/07	3498.38	sheen	25.99	0.00	3472.39
MW - 4	07/30/07	3498.38	sheen	26.09	0.00	3472.29
MW - 4	08/06/07	3498.38	sheen	26.11	0.00	3472.27
MW - 4	08/13/07	3498.38	sheen	26.21	0.00	3472.17
MW - 4	08/16/07	3498.38	sheen	26.21	0.00	3472.17
MW - 4	09/13/07	3498.38	sheen	26.32	0.00	3472.06
MW - 4	09/18/07	3498.38	sheen	26.14	0.00	3472.24
MW - 4	09/24/07	3498.38	sheen	25.06	0.00	3473.32
MW - 4	10/01/07	3498.38	sheen	25.96	0.00	3472.42
MW - 4	10/08/07	3498.38	sheen	25.98	0.00	3472.40
MW - 4	10/15/07	3498.38	sheen	25.92	0.00	3472.46
MW - 4	11/05/07	3498.38	sheen	25.82	0.00	3472.56
MW - 4	11/07/07	3498.38	sheen	25.91	0.00	3472.47
MW - 4	11/12/07	3498.38	sheen	25.86	0.00	3472.52
MW - 4	11/19/07	3498.38	sheen	25.91	0.00	3472.47
MW - 4	11/28/07	3498.38	sheen	25.81	0.00	3472.57
MW - 4	12/03/07	3498.38	sheen	24.71	0.00	3473.67
MW - 4	12/14/07	3498.38	sheen	25.80	0.00	3472.58
MW - 4	01/09/08	3498.38	-	25.76	0.00	3472.62
MW - 4	01/16/08	3498.38	-	25.63	0.00	3472.75
MW - 4	01/24/08	3498.38	-	25.80	0.00	3472.58
MW - 4	02/08/08	3498.38	-	25.88	0.00	3472.50
MW - 4	02/12/08	3498.38	-	25.92	0.00	3472.46
MW - 4	02/22/08	3498.38	-	25.92	0.00	3472.46
MW - 4	03/05/08	3498.38	-	25.65	0.00	3472.73
MW - 4	03/19/08	3498.38	-	25.98	0.00	3472.40
MW - 4	04/03/08	3498.38	-	25.91	0.00	3472.47
MW - 4	04/14/08	3498.38	-	26.30	0.00	3472.08
MW - 4	05/14/08	3498.38	-	26.16	0.00	3472.22
MW - 4	06/09/08	3498.38	-	26.33	0.00	3472.05
MW - 4	06/23/08	3498.38	-	26.34	0.00	3472.04
MW - 4	07/22/08	3498.38	-	26.93	0.00	3471.45
MW - 4	08/04/08	3498.38	-	26.94	0.00	3471.44
MW - 4	08/18/08	3498.38	-	27.06	0.00	3471.32
MW - 4	08/18/08	3498.38	-	27.06	0.00	3471.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	09/02/08	3498.38	-	27.02	0.00	3471.36
MW - 4	09/17/08	3498.38	-	26.76	0.00	3471.62
MW - 4	09/29/08	3498.38	-	26.75	0.00	3471.63
MW - 4	10/06/08	3498.38	-	26.73	0.00	3471.65
MW - 4	10/13/08	3498.38	-	26.87	0.00	3471.51
MW - 4	10/20/08	3498.38	-	26.78	0.00	3471.60
MW - 4	10/29/08	3498.38	-	26.73	0.00	3471.65
MW - 4	11/05/08	3498.38	-	26.49	0.00	3471.89
MW - 4	11/10/08	3498.38	-	26.49	0.00	3471.89
MW - 4	11/13/08	3498.38	-	26.48	0.00	3471.90
MW - 4	12/03/08	3498.38	-	26.62	0.00	3471.76
MW - 4	12/16/08	3498.38	-	26.61	0.00	3471.77
MW - 4	12/30/08	3498.38	-	26.98	0.00	3471.40
MW - 4	02/11/09	3498.38	-	26.70	0.00	3471.68
MW - 4	02/24/09	3498.38	-	27.48	0.00	3470.90
MW - 4	03/04/09	3498.38	-	26.89	0.00	3471.49
MW - 4	03/17/09	3498.38	-	26.72	0.00	3471.66
MW - 4	03/25/09	3498.38	-	26.69	0.00	3471.69
MW - 4	04/08/09	3498.38	-	26.62	0.00	3471.76
MW - 4	04/15/09	3498.38	-	26.72	0.00	3471.66
MW - 4	04/15/09	3498.38	-	26.69	0.00	3471.69
MW - 4	05/13/09	3498.38	-	26.68	0.00	3471.70
MW - 4	06/01/09	3498.38	-	22.22	0.00	3476.16
MW - 4	06/10/09	3498.38	-	26.70	0.00	3471.68
MW - 4	06/12/09	3498.38	-	27.04	0.00	3471.34
MW - 4	06/18/09	3498.38	-	26.73	0.00	3471.65
MW - 4	06/24/09	3498.38	-	27.33	0.00	3471.05
MW - 4	07/02/09	3498.38	-	27.30	0.00	3471.08
MW - 4	07/08/09	3498.38	-	27.23	0.00	3471.15
MW - 4	07/14/09	3498.38	-	27.43	0.00	3470.95
MW - 4	07/20/09	3498.38	-	27.44	0.00	3470.94
MW - 4	07/27/09	3498.38	-	27.43	0.00	3470.95
MW - 4	08/03/09	3498.38	-	27.41	0.00	3470.97
MW - 4	08/10/09	3498.38	-	27.37	0.00	3471.01
MW - 4	08/11/09	3498.38	-	27.37	0.00	3471.01
MW - 4	08/18/09	3498.38	-	27.60	0.00	3470.78
MW - 4	08/24/09	3498.38	-	27.56	0.00	3470.82
MW - 4	08/31/09	3498.38	-	27.59	0.00	3470.79
MW - 4	09/03/09	3498.38	-	27.57	0.00	3470.81
MW - 4	09/08/09	3498.38	-	27.63	0.00	3470.75
MW - 4	09/10/09	3498.38	-	27.73	0.00	3470.65
MW - 4	09/16/09	3498.38	-	27.68	0.00	3470.70
MW - 4	09/22/09	3498.38	-	27.81	0.00	3470.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	09/29/09	3498.38	-	27.85	0.00	3470.53
MW - 4	10/02/09	3498.38	-	27.64	0.00	3470.74
MW - 4	10/07/09	3498.38	-	27.68	0.00	3470.70
MW - 4	10/12/09	3498.38	-	27.43	0.00	3470.95
MW - 4	10/16/09	3498.38	-	27.68	0.00	3470.70
MW - 4	10/20/09	3498.38	-	27.24	0.00	3471.14
MW - 4	10/26/09	3498.38	-	27.22	0.00	3471.16
MW - 4	10/28/09	3498.38	-	27.64	0.00	3470.74
MW - 4	11/04/09	3498.38	-	27.86	0.00	3470.52
MW - 4	11/12/09	3498.38	-	27.70	0.00	3470.68
MW - 4	11/23/09	3498.38	-	27.71	0.00	3470.67
MW - 4	12/03/09	3498.38	-	27.75	0.00	3470.63
MW - 4	12/16/09	3498.38	-	27.79	0.00	3470.59
MW - 4	12/21/09	3498.38	-	27.74	0.00	3470.64
MW - 4	12/28/09	3498.38	-	27.22	0.00	3471.16
MW - 4	01/05/10	3498.38	-	27.76	0.00	3470.62
MW - 4	01/20/10	3498.38	-	27.26	0.00	3471.12
MW - 4	01/25/10	3498.38	-	27.24	0.00	3471.14
MW - 4	01/27/10	3498.38	-	27.80	0.00	3470.58
MW - 4	02/10/10	3498.38	-	27.81	0.00	3470.57
MW - 4	03/01/10	3498.38	-	27.24	0.00	3471.14
MW - 4	03/09/10	3498.38	-	27.82	0.00	3470.56
MW - 4	03/11/10	3498.38	-	27.81	0.00	3470.57
MW - 4	05/25/10	3498.38	-	27.44	0.00	3470.94
MW - 4	06/07/10	3498.38	-	27.64	0.00	3470.74
MW - 4	06/12/10	3498.38	-	27.75	0.00	3470.63
MW - 4	06/25/10	3498.38	-	27.82	0.00	3470.56
MW - 4	07/07/10	3498.38	-	26.60	0.00	3471.78
MW - 4	07/12/10	3498.38	-	26.24	0.00	3472.14
MW - 4	08/03/10	3498.38	-	26.55	0.00	3471.83
MW - 4	08/13/10	3498.38	-	26.70	0.00	3471.68
MW - 4	08/19/10	3498.38	-	26.65	0.00	3471.73
MW - 4	08/25/10	3498.38	-	26.86	0.00	3471.52
MW - 4	09/01/10	3498.38	-	26.80	0.00	3471.58
MW - 4	09/09/10	3498.38	-	26.76	0.00	3471.62
MW - 4	09/13/10	3498.38	-	26.71	0.00	3471.67
MW - 4	09/29/10	3498.38	-	26.87	0.00	3471.51
MW - 4	10/05/10	3498.38	-	26.71	0.00	3471.67
MW - 4	10/25/10	3498.38	sheen	26.73	0.00	3471.65
MW - 4	11/03/10	3498.38	sheen	26.72	0.00	3471.66
MW - 4	11/10/10	3498.38	sheen	27.05	0.00	3471.33
MW - 4	11/18/10	3498.38	sheen	27.05	0.00	3471.33
MW - 4	12/09/10	3498.38	sheen	26.73	0.00	3471.65
MW - 4	01/18/11	3498.38	sheen	27.05	0.00	3471.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	02/22/11	3498.38	sheen	27.02	0.00	3471.36
MW - 4	03/01/11	3498.38	sheen	27.71	0.00	3470.67
MW - 4	03/07/11	3498.38	sheen	27.00	0.00	3471.38
MW - 4	03/22/11	3498.38	sheen	27.05	0.00	3471.33
MW - 4	04/27/11	3498.38	-	27.65	0.00	3470.73
MW - 4	05/05/11	3498.38	sheen	27.39	0.00	3470.99
MW - 4	05/10/11	3498.38	sheen	27.30	0.00	3471.08
MW - 4	05/17/11	3498.38	sheen	27.02	0.00	3471.36
MW - 4	05/17/11	3498.38	sheen	27.02	0.00	3471.36
MW - 4	05/24/11	3498.38	sheen	27.03	0.00	3471.35
MW - 4	06/07/11	3498.38	-	27.49	0.00	3470.89
MW - 4	06/14/11	3498.38	-	27.38	0.00	3471.00
MW - 4	06/23/11	3498.38	-	27.39	0.00	3470.99
MW - 4	06/28/11	3498.38	-	27.51	0.00	3470.87
MW - 4	07/06/11	3498.38	sheen	28.07	0.00	3470.31
MW - 4	07/14/11	3498.38	-	27.96	0.00	3470.42
MW - 4	07/27/11	3498.38	-	28.03	0.00	3470.35
MW - 4	08/03/11	3498.38	-	28.25	0.00	3470.13
MW - 4	08/11/11	3498.38	-	28.58	0.00	3469.80
MW - 4	08/18/11	3498.38	-	28.38	0.00	3470.00
MW - 4	08/25/11	3498.38	-	28.45	0.00	3469.93
MW - 4	09/02/11	3498.38	-	28.47	0.00	3469.91
MW - 4	09/07/11	3498.38	-	28.47	0.00	3469.91
MW - 4	09/09/11	3498.38	-	28.59	0.00	3469.79
MW - 4	11/08/11	3498.38	-	28.48	0.00	3469.90
MW - 4	12/28/11	3498.38	-	28.45	0.00	3469.93
MW - 4	01/05/12	3498.38	-	28.44	0.00	3469.94
MW - 4	01/18/12	3498.38	-	28.39	0.00	3469.99
MW - 4	01/27/12	3498.38	-	28.46	0.00	3469.92
MW - 4	02/02/12	3498.38	-	28.51	0.00	3469.87
MW - 4	02/10/12	3498.38	-	28.51	0.00	3469.87
MW - 4	02/15/12	3498.38	-	28.66	0.00	3469.72
MW - 4	03/01/12	3498.38	-	28.28	0.00	3470.10
MW - 4	03/07/12	3498.38	-	28.29	0.00	3470.09
MW - 4	03/14/12	3498.38	-	28.26	0.00	3470.12
MW - 4	03/19/12	3498.38	-	28.16	0.00	3470.22
MW - 4	03/26/12	3498.38	-	28.22	0.00	3470.16
MW - 4	04/04/12	3498.38	-	28.29	0.00	3470.09
MW - 4	04/11/12	3498.38	-	28.18	0.00	3470.20
MW - 4	04/17/12	3498.38	-	28.29	0.00	3470.09
MW - 4	04/25/12	3498.38	-	28.08	0.00	3470.30
MW - 4	05/23/12	3498.38	-	28.15	0.00	3470.23
MW - 4	05/31/12	3498.38	-	28.23	0.00	3470.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/06/12	3498.38	-	28.36	0.00	3470.02
MW - 4	06/13/12	3498.38	-	28.30	0.00	3470.08
MW - 4	06/20/12	3498.38	-	28.09	0.00	3470.29
MW - 4	07/11/12	3498.38	-	28.51	0.00	3469.87
MW - 4	07/18/12	3498.38	-	28.59	0.00	3469.79
MW - 4	08/02/12	3498.38	-	28.56	0.00	3469.82
MW - 4	08/09/12	3498.38	-	28.72	0.00	3469.66
MW - 4	08/16/12	3498.38	-	28.85	0.00	3469.53
MW - 4	10/02/12	3498.38	-	29.00	0.00	3469.38
MW - 4	10/10/12	3498.38	-	28.98	0.00	3469.40
MW - 4	10/17/12	3498.38	-	28.71	0.00	3469.67
MW - 4	10/26/12	3498.38	-	28.96	0.00	3469.42
MW - 4	11/01/12	3498.38	-	28.89	0.00	3469.49
MW - 4	11/19/12	3498.38	-	28.65	0.00	3469.73
MW - 4	12/13/12	3498.38	-	29.06	0.00	3469.32
MW - 4	12/18/12	3498.38	-	28.53	0.00	3469.85
MW - 4	01/08/13	3498.38	-	28.60	0.00	3469.78
MW - 4	01/16/13	3498.38	-	28.71	0.00	3469.67
MW - 4	01/24/13	3498.38	-	28.68	0.00	3469.70
MW - 4	01/30/13	3498.38	-	28.71	0.00	3469.67
MW - 4	02/12/13	3498.38	-	28.64	0.00	3469.74
MW - 4	03/19/13	3498.38	-	28.54	0.00	3469.84
MW - 4	04/02/13	3498.38	-	28.55	0.00	3469.83
MW - 4	04/08/13	3498.38	-	28.35	0.00	3470.03
MW - 4	04/16/13	3498.38	-	28.48	0.00	3469.90
MW - 4	04/23/13	3498.38	-	28.57	0.00	3469.81
MW - 4	05/01/13	3498.38	-	28.49	0.00	3469.89
MW - 4	05/08/13	3498.38	-	28.52	0.00	3469.86
MW - 4	05/15/13	3498.38	-	28.49	0.00	3469.89
MW - 4	05/17/13	3498.38	-	28.55	0.00	3469.83
MW - 4	05/19/13	3498.38	-	28.60	0.00	3469.78
MW - 4	05/23/13	3498.38	-	28.65	0.00	3469.73
MW - 4	05/29/13	3498.38	-	28.60	0.00	3469.78
MW - 4	06/12/13	3498.38	-	28.93	0.00	3469.45
MW - 4	06/19/13	3498.38	-	28.96	0.00	3469.42
MW - 4	06/27/13	3498.38	-	29.11	0.00	3469.27
MW - 4	07/02/13	3498.38	-	29.15	0.00	3469.23
MW - 4	07/08/13	3498.38	-	29.23	0.00	3469.15
MW - 4	07/15/13	3498.38	-	29.17	0.00	3469.21
MW - 4	07/23/13	3498.38	-	29.09	0.00	3469.29
MW - 4	07/29/13	3498.38	-	28.99	0.00	3469.39
MW - 4	08/07/13	3498.38	-	29.12	0.00	3469.26
MW - 4	08/15/13	3498.38	-	29.43	0.00	3468.95

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	08/20/13	3498.38	-	29.48	0.00	3468.90
MW - 4	08/28/13	3498.38	-	29.46	0.00	3468.92
MW - 4	09/05/13	3498.38	-	29.67	0.00	3468.71
MW - 4	09/09/13	3498.38	-	29.50	0.00	3468.88
MW - 4	09/18/13	3498.38	-	29.61	0.00	3468.77
MW - 4	09/28/13	3498.38	-	29.55	0.00	3468.83
MW - 4	10/01/13	3498.38	-	29.73	0.00	3468.65
MW - 4	10/08/13	3498.38	-	29.41	0.00	3468.97
MW - 4	10/14/13	3498.38	-	29.47	0.00	3468.91
MW - 4	10/23/13	3498.38	-	29.05	0.00	3469.33
MW - 4	10/29/13	3498.38	-	29.06	0.00	3469.32
MW - 4	11/16/13	3498.38	-	29.29	0.00	3469.09
MW - 4	11/27/13	3498.38	-	29.36	0.00	3469.02
MW - 4	12/02/13	3498.38	-	29.21	0.00	3469.17
MW - 4	12/14/13	3498.38	-	29.55	0.00	3468.83
MW - 4	12/19/13	3498.38	-	29.23	0.00	3469.15
MW - 4	12/24/13	3498.38	-	29.12	0.00	3469.26
MW - 4	01/02/14	3498.38	-	29.20	0.00	3469.18
MW - 4	01/07/14	3498.38	-	29.05	0.00	3469.33
MW - 4	01/14/14	3498.38	-	29.16	0.00	3469.22
MW - 4	01/21/14	3498.38	-	29.08	0.00	3469.30
MW - 4	01/31/14	3498.38	-	29.10	0.00	3469.28
MW - 4	02/10/14	3498.38	-	29.17	0.00	3469.21
MW - 4	02/27/14	3498.38	-	29.05	0.00	3469.33
MW - 4	03/06/14	3498.38	-	29.05	0.00	3469.33
MW - 4	03/13/14	3498.38	-	29.07	0.00	3469.31
MW - 4	03/25/14	3498.38	-	29.09	0.00	3469.29
MW - 4	04/03/14	3498.38	-	28.99	0.00	3469.39
MW - 4	04/07/14	3498.38	-	29.12	0.00	3469.26
MW - 4	04/14/14	3498.38	-	29.25	0.00	3469.13
MW - 4	04/23/14	3498.38	-	28.92	0.00	3469.46
MW - 4	05/05/14	3498.38	-	29.01	0.00	3469.37
MW - 4	05/14/14	3498.38	-	29.02	0.00	3469.36
MW - 4	05/22/14	3498.38	-	29.02	0.00	3469.36
MW - 4	05/28/14	3498.38	-	29.07	0.00	3469.31
MW - 4	06/02/14	3498.38	-	29.16	0.00	3469.22
MW - 4	06/12/14	3498.38	-	29.40	0.00	3468.98
MW - 4	06/17/14	3498.38	-	29.39	0.00	3468.99
MW - 4	06/25/14	3498.38	-	29.47	0.00	3468.91
MW - 4	06/30/14	3498.38	-	29.46	0.00	3468.92
MW - 4	07/11/14	3498.38	-	29.56	0.00	3468.82
MW - 4	07/14/14	3498.38	-	29.50	0.00	3468.88
MW - 4	07/22/14	3498.38	-	29.60	0.00	3468.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	07/23/14	3498.38	-	29.60	0.00	3468.78
MW - 4	08/05/14	3498.38	-	29.64	0.00	3468.74
MW - 4	08/12/14	3498.38	-	29.73	0.00	3468.65
MW - 4	08/13/14	3498.38	-	29.74	0.00	3468.64
MW - 4	08/27/14	3498.38	-	29.84	0.00	3468.54
MW - 4	09/17/14	3498.38	-	27.54	0.00	3470.84
MW - 4	10/10/14	3498.38	-	26.55	0.00	3471.83
MW - 4	10/15/14	3498.38	-	26.80	0.00	3471.58
MW - 4	10/20/14	3498.38	-	27.04	0.00	3471.34
MW - 4	10/27/14	3498.38	-	27.28	0.00	3471.10
MW - 4	11/04/14	3498.38	-	28.72	0.00	3469.66
MW - 4	11/06/14	3498.38	-	27.65	0.00	3470.73
MW - 4	11/11/14	3498.38	-	27.12	0.00	3471.26
MW - 4	11/18/14	3498.38	-	27.06	0.00	3471.32
MW - 4	12/02/14	3498.38	-	27.38	0.00	3471.00
MW - 4	12/09/14	3498.38	-	27.50	0.00	3470.88
MW - 4	12/17/14	3498.38	-	27.49	0.00	3470.89
MW - 4	12/23/14	3498.38	-	27.70	0.00	3470.68
MW - 4	12/30/14	3498.38	-	27.80	0.00	3470.58
MW - 4	01/06/15	3498.38	-	27.70	0.00	3470.68
MW - 4	01/09/15	3498.38	-	27.77	0.00	3470.61
MW - 4	01/13/15	3498.38	-	27.64	0.00	3470.74
MW - 4	01/21/15	3498.38	-	27.58	0.00	3470.80
MW - 4	01/26/15	3498.38	-	27.67	0.00	3470.71
MW - 4	02/05/15	3498.38	-	27.77	0.00	3470.61
MW - 4	02/16/15	3498.38	-	27.67	0.00	3470.71
MW - 4	02/17/15	3498.38	-	27.74	0.00	3470.64
MW - 4	03/04/15	3498.38	-	27.62	0.00	3470.76
MW - 4	03/10/15	3498.38	-	27.59	0.00	3470.79
MW - 4	03/16/15	3498.38	-	27.55	0.00	3470.83
MW - 4	03/23/15	3498.38	-	27.56	0.00	3470.82
MW - 4	03/31/15	3498.38	-	27.42	0.00	3470.96
MW - 4	04/03/15	3498.38	-	27.68	0.00	3470.70
MW - 4	04/06/15	3498.38	-	27.49	0.00	3470.89
MW - 4	04/16/15	3498.38	-	27.35	0.00	3471.03
MW - 4	04/22/15	3498.38	-	27.26	0.00	3471.12
MW - 4	05/01/15	3498.38	-	27.33	0.00	3471.05
MW - 4	05/11/15	3498.38	-	27.20	0.00	3471.18
MW - 4	05/14/15	3498.38	-	27.01	0.00	3471.37
MW - 4	05/29/15	3498.38	-	26.82	0.00	3471.56
MW - 4	06/04/15	3498.38	-	26.89	0.00	3471.49
MW - 4	06/09/15	3498.38	-	26.92	0.00	3471.46
MW - 4	06/17/15	3498.38	-	26.95	0.00	3471.43

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/23/15	3498.38	-	26.90	0.00	3471.48
MW - 4	06/29/15	3498.38	-	26.88	0.00	3471.50
MW - 4	07/09/15	3498.38	-	27.22	0.00	3471.16
MW - 4	07/15/15	3498.38	-	27.31	0.00	3471.07
MW - 4	07/20/15	3498.38	-	27.49	0.00	3470.89
MW - 4	07/30/15	3498.38	-	27.69	0.00	3470.69
MW - 4	08/03/15	3498.38	-	27.68	0.00	3470.70
MW - 4	08/04/15	3498.38	-	27.72	0.00	3470.66
MW - 4	08/11/15	3498.38	-	27.82	0.00	3470.56
MW - 4	08/18/15	3498.38	-	27.75	0.00	3470.63
MW - 4	08/26/15	3498.38	-	27.37	0.00	3471.01
MW - 4	09/02/15	3498.38	-	27.15	0.00	3471.23
MW - 4	10/22/15	3498.38	-	27.46	0.00	3470.92
MW - 4	11/17/15	3498.38	-	27.05	0.00	3471.33
MW - 4	12/03/15	3498.38	-	27.38	0.00	3471.00
MW - 4	12/09/15	3498.38	-	27.21	0.00	3471.17
MW - 4	01/06/16	3498.38	-	27.21	0.00	3471.17
MW - 4	01/15/16	3498.38	-	27.28	0.00	3471.10
MW - 4	01/29/16	3498.38	-	27.16	0.00	3471.22
MW - 4	02/04/16	3498.38	-	27.12	0.00	3471.26
MW - 4	02/10/16	3498.38	-	27.25	0.00	3471.13
MW - 4	03/03/16	3498.38	-	27.34	0.00	3471.04
MW - 4	03/16/16	3498.38	-	27.13	0.00	3471.25
MW - 4	04/12/16	3498.38	-	27.04	0.00	3471.34
MW - 4	04/15/16	3498.38	-	26.92	0.00	3471.46
MW - 4	04/19/16	3498.38	-	26.97	0.00	3471.41
MW - 4	04/29/16	3498.38	-	26.94	0.00	3471.44
MW - 4	05/04/16	3498.38	-	26.98	0.00	3471.40
MW - 4	05/13/16	3498.38	-	27.06	0.00	3471.32
MW - 4	05/18/16	3498.38	-	27.10	0.00	3471.28
MW - 4	05/25/16	3498.38	-	27.05	0.00	3471.33
MW - 4	06/02/16	3498.38	-	27.17	0.00	3471.21
MW - 4	06/06/16	3498.38	-	27.21	0.00	3471.17
MW - 4	06/28/16	3498.38	-	27.52	0.00	3470.86
MW - 4	07/05/16	3498.38	-	27.61	0.00	3470.77
MW - 4	07/14/16	3498.38	-	27.75	0.00	3470.63
MW - 4	07/21/16	3498.38	-	27.94	0.00	3470.44
MW - 4	07/25/16	3498.38	-	27.94	0.00	3470.44
MW - 4	08/01/16	3498.38	-	28.04	0.00	3470.34
MW - 4	08/09/16	3498.38	-	28.16	0.00	3470.22
MW - 4	08/15/16	3498.38	-	28.15	0.00	3470.23
MW - 4	08/18/16	3498.38	-	28.10	0.00	3470.28
MW - 4	08/22/16	3498.38	-	28.22	0.00	3470.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	09/06/16	3498.38	-	26.99	0.00	3471.39
MW - 4	09/12/16	3498.38	-	26.60	0.00	3471.78
MW - 4	09/19/16	3498.38	-	23.56	0.00	3474.82
MW - 4	09/26/16	3498.38	-	23.37	0.00	3475.01
MW - 4	10/17/16	3498.38	-	24.66	0.00	3473.72
MW - 4	10/25/16	3498.38	-	25.09	0.00	3473.29
MW - 4	11/03/16	3498.38	-	25.61	0.00	3472.77
MW - 4	11/08/16	3498.38	-	25.58	0.00	3472.80
MW - 4	11/15/16	3498.38	-	25.63	0.00	3472.75
MW - 4	11/22/16	3498.38	-	25.55	0.00	3472.83
MW - 4	12/05/16	3498.38	-	25.73	0.00	3472.65
MW - 4	12/13/16	3498.38	-	25.95	0.00	3472.43
MW - 4	12/22/16	3498.38	-	25.93	0.00	3472.45
MW - 4	12/27/16	3498.38	-	26.02	0.00	3472.36
MW - 4	01/04/17	3498.38	-	25.91	0.00	3472.47
MW - 4	01/13/17	3498.38	-	26.22	0.00	3472.16
MW - 4	01/17/17	3498.38	-	26.10	0.00	3472.28
MW - 4	01/24/17	3498.38	-	25.87	0.00	3472.51
MW - 4	01/31/17	3498.38	-	25.98	0.00	3472.40
MW - 4	02/07/17	3498.38	-	25.96	0.00	3472.42
MW - 4	02/16/17	3498.38	-	25.86	0.00	3472.52
MW - 4	02/20/17	3498.38	-	26.10	0.00	3472.28
MW - 4	03/01/17	3498.38	-	26.07	0.00	3472.31
MW - 4	03/06/17	3498.38	-	25.87	0.00	3472.51
MW - 4	03/14/17	3498.38	-	25.91	0.00	3472.47
MW - 4	03/24/17	3498.38	-	25.93	0.00	3472.45
MW - 4	04/04/17	3498.38	-	25.82	0.00	3472.56
MW - 4	04/19/17	3498.38	-	25.81	0.00	3472.57
MW - 4	05/01/17	3498.38	-	25.88	0.00	3472.50
MW - 4	05/18/17	3498.38	-	25.93	0.00	3472.45
MW - 4	05/23/17	3498.38	-	26.10	0.00	3472.28
MW - 4	06/06/17	3498.38	-	26.27	0.00	3472.11
MW - 4	06/12/17	3498.38	-	26.25	0.00	3472.13
MW - 4	07/03/17	3498.38	-	26.50	0.00	3471.88
MW - 4	07/25/17	3498.38	-	26.74	0.00	3471.64
MW - 4	08/14/17	3498.38	-	25.98	0.00	3472.40
MW - 4	08/21/17	3498.38	-	26.03	0.00	3472.35
MW - 4	09/06/17	3498.38	-	25.62	0.00	3472.76
MW - 4	09/12/17	3498.38	-	25.76	0.00	3472.62
MW - 4	10/04/17	3498.38	-	25.72	0.00	3472.66
MW - 4	10/17/17	3498.38	-	25.67	0.00	3472.71
MW - 4	10/23/17	3498.38	-	25.80	0.00	3472.58
MW - 4	10/30/17	3498.38	-	25.92	0.00	3472.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	11/15/17	3498.38	-	26.03	0.00	3472.35
MW - 4	12/04/17	3498.38	-	25.89	0.00	3472.49
MW - 4	12/22/17	3498.38	-	26.12	0.00	3472.26
MW - 4	12/29/17	3498.38	-	26.13	0.00	3472.25
MW - 4	01/02/18	3498.38	-	26.12	0.00	3472.26
MW - 4	01/17/18	3498.38	-	26.11	0.00	3472.27
MW - 4	01/23/18	3498.38	-	26.17	0.00	3472.21
MW - 4	01/29/18	3498.38	-	26.28	0.00	3472.10
MW - 4	02/05/18	3498.38	-	25.96	0.00	3472.42
MW - 4	02/14/18	3498.38	-	26.07	0.00	3472.31
MW - 4	02/19/18	3498.38	-	25.94	0.00	3472.44
MW - 4	03/28/18	3498.38	-	26.10	0.00	3472.28
MW - 4	04/05/18	3498.38	-	26.07	0.00	3472.31
MW - 4	04/27/18	3498.38	-	26.19	0.00	3472.19
MW - 4	05/16/18	3498.38	-	26.26	0.00	3472.12
MW - 4	06/15/18	3498.38	-	26.56	0.00	3471.82
MW - 4	06/19/18	3498.38	-	26.64	0.00	3471.74
MW - 4	06/29/18	3498.38	-	26.81	0.00	3471.57
MW - 4	07/16/18	3498.38	-	27.08	0.00	3471.30
MW - 4	08/15/18	3498.38	-	27.38	0.00	3471.00
MW - 4	09/05/18	3498.38	-	27.45	0.00	3470.93
MW - 4	09/10/18	3498.38	-	26.63	0.00	3471.75
MW - 4	10/08/18	3498.38	-	26.94	0.00	3471.44
MW - 4	11/06/18	3498.38	-	26.19	0.00	3472.19
MW - 4	11/21/18	3498.38	-	26.43	0.00	3471.95
MW - 4	11/29/18	3498.38	-	26.42	0.00	3471.96
MW - 4	12/07/18	3498.38	-	26.65	0.00	3471.73
MW - 4	12/14/18	3498.38	-	26.70	0.00	3471.68
MW - 4	01/29/19	3498.38	-	26.57	0.00	3471.81
MW - 4	03/05/19	3498.38	-	26.72	0.00	3471.66
MW - 4	03/27/19	3498.38	-	26.20	0.00	3472.18
MW - 4	03/29/19	3498.38	-	26.12	0.00	3472.26
MW - 4	04/02/19	3498.38	-	26.18	0.00	3472.20
MW - 4	04/18/19	3498.38	-	26.46	0.00	3471.92
MW - 4	04/25/19	3498.38	-	26.29	0.00	3472.09
MW - 4	05/02/19	3498.38	-	26.41	0.00	3471.97
MW - 4	05/14/19	3498.38	-	26.41	0.00	3471.97
MW - 4	05/20/19	3498.38	-	26.34	0.00	3472.04
MW - 4	06/06/19	3498.38	-	26.65	0.00	3471.73
MW - 4	07/17/19	3498.38	-	26.81	0.00	3471.57
MW - 4	08/14/19	3498.38	-	27.34	0.00	3471.04
MW - 4	09/11/19	3498.38	-	27.24	0.00	3471.14
MW - 4	10/16/19	3498.38	-	26.48	0.00	3471.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	11/04/19	3498.38	-	26.77	0.00	3471.61
MW - 4	12/04/19	3498.38	-	26.30	0.00	3472.08
MW - 4	12/30/19	3498.38	-	26.66	0.00	3471.72
MW - 4	01/14/20	3498.38	-	26.65	0.00	3471.73
MW - 4	02/13/20	3498.38	-	26.54	0.00	3471.84
MW - 4	05/15/20	3498.38	-	26.15	0.00	3472.23
MW - 4	06/25/20	3498.38	-	26.93	0.00	3471.45
MW - 4	07/28/20	3498.38	-	27.35	0.00	3471.03
MW - 4	08/19/20	3498.38	-	27.45	0.00	3470.93
MW - 4	09/11/20	3498.38	-	27.61	0.00	3470.77
MW - 4	10/30/20	3498.38	-	27.81	0.00	3470.57
MW - 4	11/11/20	3498.38	-	27.77	0.00	3470.61
MW - 4	12/30/20	3498.38	-	27.97	0.00	3470.41
MW - 4	01/21/21	3498.38	-	27.63	0.00	3470.75
MW - 4	03/18/21	3498.38	-	27.87	0.00	3470.51
MW - 4	05/27/21	3498.38	-	27.79	0.00	3470.59
MW - 4	07/26/21	3498.38	-	27.77	0.00	3470.61
MW - 4	07/27/21	3498.38	-	27.77	0.00	3470.61
MW - 4	09/29/21	3498.38	-	28.03	0.00	3470.35
MW - 4	10/13/21	3498.38	-	27.92	0.00	3470.46
MW - 4	10/29/21	3498.38	-	28.16	0.00	3470.22
MW - 4	12/02/21	3498.38	-	28.02	0.00	3470.36
MW - 5	11/30/99	3500.12	28.44	32.05	3.61	3471.14
MW - 5	03/03/00	3500.12	28.90	30.26	1.36	3471.02
MW - 5	05/16/00	3500.12	28.94	30.31	1.37	3470.97
MW - 5	09/01/00	3500.12	29.47	30.36	0.89	3470.52
MW - 5	11/21/00	3500.12	29.46	32.06	2.60	3470.27
MW - 5	03/05/01	3500.12	29.17	31.64	2.47	3470.58
MW - 5	05/17/01	3500.12	28.73	32.68	3.95	3470.80
MW - 5	08/27/01	3500.12	30.15	31.48	1.33	3469.77
MW - 5	10/24/01	3500.12	28.50	35.60	7.10	3470.56
MW - 5	03/27/02	3500.12	28.18	34.61	6.43	3470.98
MW - 5	05/14/02	3500.12	28.10	33.85	5.75	3471.16
MW - 5	06/07/02	3500.12	28.25	33.77	5.52	3471.04
MW - 5	09/27/02	3500.12	28.24	34.33	6.09	3470.97
MW - 5	10/29/02	3500.12	28.62	29.58	0.96	3471.36
MW - 5	11/07/02	3500.12	28.50	30.06	1.56	3471.39
MW - 5	12/04/02	3500.12	28.36	29.37	1.01	3471.61
MW - 5	01/07/03	3500.12	28.53	28.64	0.11	3471.57
MW - 5	01/27/03	3500.12	28.24	29.86	1.62	3471.64
MW - 5	02/25/03	3500.12	28.20	30.09	1.89	3471.64
MW - 5	03/06/03	3500.12	28.27	30.36	2.09	3471.54

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	03/11/03	3500.12	28.21	30.28	2.07	3471.60
MW - 5	03/20/03	3500.12	28.30	30.33	2.03	3471.52
MW - 5	03/25/03	3500.12	28.27	30.55	2.28	3471.51
MW - 5	04/02/03	3500.12	28.36	28.42	0.06	3471.75
MW - 5	04/16/03	3500.12	28.47	28.50	0.03	3471.65
MW - 5	04/23/03	3500.12	28.35	28.57	0.22	3471.74
MW - 5	04/29/03	3500.12	28.32	28.62	0.30	3471.76
MW - 5	05/15/03	3500.12	28.53	28.57	0.04	3471.58
MW - 5	05/22/03	3500.12	28.57	28.75	0.18	3471.52
MW - 5	05/28/03	3500.12	28.82	28.91	0.09	3471.29
MW - 5	06/04/03	3500.12	28.68	28.87	0.19	3471.41
MW - 5	06/10/03	3500.12	28.58	29.10	0.52	3471.46
MW - 5	06/26/03	3500.12	28.49	28.99	0.50	3471.56
MW - 5	07/07/03	3500.12	29.28	29.73	0.45	3470.77
MW - 5	07/30/03	3500.12	29.25	29.70	0.45	3470.80
MW - 5	08/05/03	3500.12	29.66	30.27	0.61	3470.37
MW - 5	08/21/03	3500.12	29.83	30.73	0.90	3470.16
MW - 5	08/26/03	3500.12	29.88	30.94	1.06	3470.08
MW - 5	09/08/03	3500.12	29.95	30.69	0.74	3470.06
MW - 5	09/15/03	3500.12	29.97	30.66	0.69	3470.05
MW - 5	09/24/03	3500.12	29.94	30.41	0.47	3470.11
MW - 5	10/02/03	3500.12	29.78	31.65	1.87	3470.06
MW - 5	10/08/03	3500.12	29.70	31.70	2.00	3470.12
MW - 5	10/16/03	3500.12	30.02	32.10	2.08	3469.79
MW - 5	10/28/03	3500.12	30.17	30.60	0.43	3469.89
MW - 5	11/11/03	3500.12	30.27	30.90	0.63	3469.76
MW - 5	11/18/03	3500.12	30.04	30.95	0.91	3469.94
MW - 5	11/25/03	3500.12	29.80	30.48	0.68	3470.22
MW - 5	12/08/03	3500.12	29.82	30.66	0.84	3470.17
MW - 5	01/27/04	3500.12	30.25	31.97	1.72	3469.61
MW - 5	02/02/04	3500.12	30.20	31.95	1.75	3469.66
MW - 5	02/10/04	3500.12	29.70	31.57	1.87	3470.14
MW - 5	02/20/04	3500.12	29.85	31.92	2.07	3469.96
MW - 5	03/04/04	3500.12	29.71	31.55	1.84	3470.13
MW - 5	03/16/04	3500.12	30.04	31.40	1.36	3469.88
MW - 5	03/25/04	3500.12	30.10	31.39	1.29	3469.83
MW - 5	03/31/04	3500.12	30.13	31.40	1.27	3469.80
MW - 5	04/01/04	3500.12	30.04	31.47	1.43	3469.87
MW - 5	04/08/04	3500.12	23.14	24.37	1.23	3476.80
MW - 5	04/14/04	3500.12	26.06	36.66	10.60	3472.47
MW - 5	04/16/04	3500.12	26.33	36.71	10.38	3472.23
MW - 5	04/22/04	3500.12	26.32	32.35	6.03	3472.90
MW - 5	04/29/04	3500.12	26.38	32.98	6.60	3472.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	05/05/04	3500.12	26.93	31.04	4.11	3472.57
MW - 5	05/10/04	3500.12	26.72	29.72	3.00	3472.95
MW - 5	06/08/04	3500.12	26.89	30.48	3.59	3472.69
MW - 5	06/17/04	3500.12	27.10	30.81	3.71	3472.46
MW - 5	06/22/04	3500.12	27.13	30.76	3.63	3472.45
MW - 5	06/25/04	3500.12	27.09	30.72	3.63	3472.49
MW - 5	06/29/04	3500.12	27.07	30.78	3.71	3472.49
MW - 5	07/01/04	3500.12	27.09	30.64	3.55	3472.50
MW - 5	07/08/04	3500.12	27.08	30.76	3.68	3472.49
MW - 5	07/13/04	3500.12	27.14	30.55	3.41	3472.47
MW - 5	07/20/04	3500.12	27.15	32.22	5.07	3472.21
MW - 5	08/04/04	3500.12	27.17	32.21	5.04	3472.19
MW - 5	08/10/04	3500.12	27.20	32.22	5.02	3472.17
MW - 5	08/17/04	3500.12	29.56	30.58	1.02	3470.41
MW - 5	08/23/04	3500.12	27.36	30.98	3.62	3472.22
MW - 5	08/25/04	3500.12	27.38	31.00	3.62	3472.20
MW - 5	08/31/04	3500.12	27.49	31.21	3.72	3472.07
MW - 5	09/13/04	3500.12	27.60	30.55	2.95	3472.08
MW - 5	09/20/04	3500.12	27.74	29.96	2.22	3472.05
MW - 5	09/30/04	3500.12	27.94	30.05	2.11	3471.86
MW - 5	10/04/04	3500.12	25.77	30.15	4.38	3473.69
MW - 5	10/11/04	3500.12	25.42	28.10	2.68	3474.30
MW - 5	10/18/04	3500.12	25.36	28.39	3.03	3474.31
MW - 5	10/27/04	3500.12	25.61	28.29	2.68	3474.11
MW - 5	11/02/04	3500.12	26.26	26.95	0.69	3473.76
MW - 5	11/08/04	3500.12	26.35	27.15	0.80	3473.65
MW - 5	11/15/04	3500.12	26.26	26.86	0.60	3473.77
MW - 5	11/23/04	3500.12	26.03	27.00	0.97	3473.94
MW - 5	12/01/04	3500.12	25.78	26.70	0.92	3474.20
MW - 5	12/02/04	3500.12	25.78	26.70	0.92	3474.20
MW - 5	12/08/04	3500.12	25.40	27.20	1.80	3474.45
MW - 5	12/14/04	3500.12	25.97	26.57	0.60	3474.06
MW - 5	12/21/04	3500.12	25.80	26.72	0.92	3474.18
MW - 5	12/29/04	3500.12	25.81	26.70	0.89	3474.18
MW - 5	01/11/05	3500.12	25.85	26.33	0.48	3474.20
MW - 5	01/14/05	3500.12	26.00	26.85	0.85	3473.99
MW - 5	01/18/05	3500.12	25.71	26.50	0.79	3474.29
MW - 5	01/21/05	3500.12	25.70	26.59	0.89	3474.29
MW - 5	01/25/05	3500.12	25.70	26.58	0.88	3474.29
MW - 5	01/28/05	3500.12	25.71	26.51	0.80	3474.29
MW - 5	02/02/05	3500.12	25.75	26.55	0.80	3474.25
MW - 5	02/05/05	3500.12	25.67	26.48	0.81	3474.33
MW - 5	02/08/05	3500.12	25.66	26.61	0.95	3474.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	02/11/05	3500.12	25.69	26.50	0.81	3474.31
MW - 5	02/15/05	3500.12	25.69	26.69	1.00	3474.28
MW - 5	02/18/05	3500.12	25.72	26.66	0.94	3474.26
MW - 5	02/22/05	3500.12	25.70	26.60	0.90	3474.29
MW - 5	02/25/05	3500.12	sheen	26.30	0.00	3473.82
MW - 5	03/01/05	3500.12	sheen	25.81	0.00	3474.31
MW - 5	03/04/05	3500.12	sheen	24.71	0.00	3475.41
MW - 5	03/08/05	3500.12	25.62	25.80	0.18	3474.47
MW - 5	03/10/05	3500.12	25.62	25.80	0.18	3474.47
MW - 5	03/11/05	3500.12	25.60	25.85	0.25	3474.48
MW - 5	03/15/05	3500.12	25.63	25.89	0.26	3474.45
MW - 5	03/19/05	3500.12	25.62	25.88	0.26	3474.46
MW - 5	03/22/05	3500.12	25.71	26.11	0.40	3474.35
MW - 5	03/28/05	3500.12	25.60	25.98	0.38	3474.46
MW - 5	04/01/05	3500.12	25.68	26.09	0.41	3474.38
MW - 5	04/05/05	3500.12	25.59	25.96	0.37	3474.47
MW - 5	04/08/05	3500.12	25.61	25.99	0.38	3474.45
MW - 5	04/12/05	3500.12	25.65	26.05	0.40	3474.41
MW - 5	04/15/05	3500.12	25.64	25.95	0.31	3474.43
MW - 5	05/25/05	3500.12	25.30	25.90	0.60	3474.73
MW - 5	06/03/05	3500.12	25.20	25.72	0.52	3474.84
MW - 5	06/06/05	3500.12	25.23	25.73	0.50	3474.82
MW - 5	06/10/05	3500.12	25.24	25.70	0.46	3474.81
MW - 5	06/13/05	3500.12	25.44	25.99	0.55	3474.60
MW - 5	06/20/05	3500.12	25.30	25.59	0.29	3474.78
MW - 5	06/24/05	3500.12	25.26	25.55	0.29	3474.82
MW - 5	06/27/05	3500.12	25.30	26.00	0.70	3474.72
MW - 5	07/18/05	3500.12	25.58	26.25	0.67	3474.44
MW - 5	07/25/05	3500.12	25.66	25.98	0.32	3474.41
MW - 5	08/01/05	3500.12	25.72	26.12	0.40	3474.34
MW - 5	08/04/05	3500.12	25.75	26.10	0.35	3474.32
MW - 5	08/10/05	3500.12	25.85	26.00	0.15	3474.25
MW - 5	08/16/05	3500.12	25.94	26.00	0.06	3474.17
MW - 5	08/23/05	3500.12	25.46	25.75	0.29	3474.62
MW - 5	08/29/05	3500.12	25.40	25.80	0.40	3474.66
MW - 5	09/06/05	3500.12	25.49	25.88	0.39	3474.57
MW - 5	09/09/05	3500.12	25.40	25.88	0.48	3474.65
MW - 5	09/12/05	3500.12	25.46	25.90	0.44	3474.59
MW - 5	09/19/05	3500.12	25.62	26.09	0.47	3474.43
MW - 5	09/27/05	3500.12	25.55	26.10	0.55	3474.49
MW - 5	10/03/05	3500.12	25.59	26.00	0.41	3474.47
MW - 5	10/10/05	3500.12	25.59	26.11	0.52	3474.45
MW - 5	10/17/05	3500.12	25.56	26.05	0.49	3474.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	10/24/05	3500.12	25.50	26.03	0.53	3474.54
MW - 5	11/01/05	3500.12	25.36	26.06	0.70	3474.66
MW - 5	11/08/05	3500.12	24.41	24.95	0.54	3475.63
MW - 5	11/15/05	3500.12	25.65	26.36	0.71	3474.36
MW - 5	11/22/05	3500.12	25.34	26.00	0.66	3474.68
MW - 5	11/27/05	3500.12	25.40	25.88	0.48	3474.65
MW - 5	12/05/05	3500.12	25.33	25.93	0.60	3474.70
MW - 5	12/07/05	3500.12	25.38	26.24	0.86	3474.61
MW - 5	12/16/05	3500.12	25.30	25.90	0.60	3474.73
MW - 5	12/29/05	3500.12	25.25	25.90	0.65	3474.77
MW - 5	01/03/06	3500.12	25.28	25.94	0.66	3474.74
MW - 5	01/09/06	3500.12	25.18	26.00	0.82	3474.82
MW - 5	01/16/06	3500.12	25.25	26.03	0.78	3474.75
MW - 5	01/23/06	3500.12	25.45	26.10	0.65	3474.57
MW - 5	01/30/06	3500.12	24.54	25.00	0.46	3475.51
MW - 5	02/07/06	3500.12	25.58	26.07	0.49	3474.47
MW - 5	02/09/06	3500.12	25.54	25.83	0.29	3474.54
MW - 5	02/14/06	3500.12	25.29	25.60	0.31	3474.78
MW - 5	02/21/06	3500.12	25.30	25.60	0.30	3474.78
MW - 5	02/27/06	3500.12	25.28	25.62	0.34	3474.79
MW - 5	03/06/06	3500.12	25.35	25.69	0.34	3474.72
MW - 5	03/09/06	3500.12	25.21	25.50	0.29	3474.87
MW - 5	03/17/06	3500.12	25.56	25.58	0.02	3474.56
MW - 5	03/21/06	3500.12	25.50	25.79	0.29	3474.58
MW - 5	03/28/06	3500.12	25.52	25.75	0.23	3474.57
MW - 5	04/03/06	3500.12	25.44	25.77	0.33	3474.63
MW - 5	04/10/06	3500.12	25.25	25.42	0.17	3474.84
MW - 5	04/17/06	3500.12	25.21	25.45	0.24	3474.87
MW - 5	05/01/06	3500.12	25.30	25.40	0.10	3474.81
MW - 5	05/08/06	3500.12	25.28	25.40	0.12	3474.82
MW - 5	05/15/06	3500.12	25.49	25.72	0.23	3474.60
MW - 5	06/01/06	3500.12	25.62	25.85	0.23	3474.47
MW - 5	06/05/06	3500.12	25.58	25.76	0.18	3474.51
MW - 5	06/08/06	3500.12	25.73	25.91	0.18	3474.36
MW - 5	06/12/06	3500.12	25.80	25.98	0.18	3474.29
MW - 5	06/19/06	3500.12	25.88	26.02	0.14	3474.22
MW - 5	07/03/06	3500.12	26.04	26.18	0.14	3474.06
MW - 5	07/10/06	3500.12	25.96	26.07	0.11	3474.14
MW - 5	07/17/06	3500.12	25.73	25.85	0.12	3474.37
MW - 5	07/26/06	3500.12	25.95	26.15	0.20	3474.14
MW - 5	07/31/06	3500.12	26.02	26.19	0.17	3474.07
MW - 5	08/07/06	3500.12	25.03	25.09	0.06	3475.08
MW - 5	08/17/06	3500.12	25.88	26.01	0.13	3474.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	08/21/06	3500.12	25.76	25.85	0.09	3474.35
MW - 5	09/06/06	3500.12	25.28	25.42	0.14	3474.82
MW - 5	09/11/06	3500.12	25.33	25.54	0.21	3474.76
MW - 5	09/15/06	3500.12	25.29	25.43	0.14	3474.81
MW - 5	10/02/06	3500.12	25.34	25.48	0.14	3474.76
MW - 5	10/09/06	3500.12	25.55	25.81	0.26	3474.53
MW - 5	10/17/06	3500.12	25.33	25.71	0.38	3474.73
MW - 5	10/23/06	3500.12	25.38	25.49	0.11	3474.72
MW - 5	10/30/06	3500.12	25.36	25.47	0.11	3474.74
MW - 5	11/06/06	3500.12	25.38	25.54	0.16	3474.72
MW - 5	11/13/06	3500.12	25.28	25.36	0.08	3474.83
MW - 5	11/20/06	3500.12	25.39	25.56	0.17	3474.70
MW - 5	11/27/06	3500.12	25.33	25.39	0.06	3474.78
MW - 5	11/29/06	3500.12	25.33	25.39	0.06	3474.78
MW - 5	12/04/06	3500.12	25.35	25.47	0.12	3474.75
MW - 5	12/12/06	3500.12	25.33	25.58	0.25	3474.75
MW - 5	12/18/06	3500.12	25.35	25.58	0.23	3474.74
MW - 5	01/04/07	3500.12	25.10	25.40	0.30	3474.98
MW - 5	01/11/07	3500.12	25.21	25.41	0.20	3474.88
MW - 5	01/18/07	3500.12	25.33	25.54	0.21	3474.76
MW - 5	01/22/07	3500.12	25.33	25.53	0.20	3474.76
MW - 5	01/31/07	3500.12	25.19	25.30	0.11	3474.91
MW - 5	02/07/07	3500.12	25.27	25.41	0.14	3474.83
MW - 5	02/14/07	3500.12	25.29	25.39	0.10	3474.82
MW - 5	02/26/07	3500.12	25.24	25.38	0.14	3474.86
MW - 5	03/07/07	3500.12	25.34	25.50	0.16	3474.76
MW - 5	04/03/07	3500.12	25.21	25.34	0.13	3474.89
MW - 5	04/09/07	3500.12	24.96	25.01	0.05	3475.15
MW - 5	04/17/07	3500.12	25.05	25.19	0.14	3475.05
MW - 5	05/01/07	3500.12	25.05	25.14	0.09	3475.06
MW - 5	05/07/07	3500.12	25.06	25.17	0.11	3475.04
MW - 5	05/17/07	3500.12	24.80	24.84	0.04	3475.31
MW - 5	05/21/07	3500.12	24.64	24.69	0.05	3475.47
MW - 5	05/22/07	3500.12	24.64	24.69	0.05	3475.47
MW - 5	06/01/07	3500.12	24.71	24.79	0.08	3475.40
MW - 5	06/06/07	3500.12	24.69	24.76	0.07	3475.42
MW - 5	06/11/07	3500.12	24.79	25.08	0.29	3475.29
MW - 5	06/19/07	3500.12	24.86	24.99	0.13	3475.24
MW - 5	06/25/07	3500.12	24.86	24.96	0.10	3475.25
MW - 5	07/03/07	3500.12	24.96	25.11	0.15	3475.14
MW - 5	07/23/07	3500.12	25.18	25.30	0.12	3474.92
MW - 5	07/30/07	3500.12	25.29	25.57	0.28	3474.79
MW - 5	08/06/07	3500.12	25.31	25.54	0.23	3474.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	08/13/07	3500.12	25.46	25.59	0.13	3474.64
MW - 5	08/16/07	3500.12	25.46	25.58	0.12	3474.64
MW - 5	08/27/07	3500.12	25.59	25.71	0.12	3474.51
MW - 5	09/07/07	3500.12	25.69	25.83	0.14	3474.41
MW - 5	09/13/07	3500.12	sheen	24.90	0.00	3475.22
MW - 5	09/18/07	3500.12	sheen	25.10	0.00	3475.02
MW - 5	09/24/07	3500.12	sheen	25.21	0.00	3474.91
MW - 5	10/01/07	3500.12	sheen	25.34	0.00	3474.78
MW - 5	10/08/07	3500.12	sheen	25.44	0.00	3474.68
MW - 5	10/15/07	3500.12	sheen	24.25	0.00	3475.87
MW - 5	11/05/07	3500.12	sheen	25.20	0.00	3474.92
MW - 5	11/07/07	3500.12	sheen	25.27	0.00	3474.85
MW - 5	11/12/07	3500.12	sheen	25.30	0.00	3474.82
MW - 5	11/19/07	3500.12	sheen	25.25	0.00	3474.87
MW - 5	11/28/07	3500.12	sheen	25.31	0.00	3474.81
MW - 5	12/03/07	3500.12	sheen	25.32	0.00	3474.80
MW - 5	12/14/07	3500.12	sheen	25.18	0.00	3474.94
MW - 5	01/09/08	3500.12	-	25.10	0.00	3475.02
MW - 5	01/16/08	3500.12	-	25.20	0.00	3474.92
MW - 5	01/23/08	3500.12	-	25.35	0.00	3474.77
MW - 5	02/08/08	3500.12	-	25.34	0.00	3474.78
MW - 5	02/12/08	3500.12	-	25.31	0.00	3474.81
MW - 5	02/22/08	3500.12	-	25.42	0.00	3474.70
MW - 5	03/05/08	3500.12	-	25.30	0.00	3474.82
MW - 5	03/19/08	3500.12	-	25.48	0.00	3474.64
MW - 5	04/03/08	3500.12	-	25.32	0.00	3474.80
MW - 5	05/14/08	3500.12	-	25.38	0.00	3474.74
MW - 5	06/09/08	3500.12	-	25.65	0.00	3474.47
MW - 5	06/23/08	3500.12	-	25.86	0.00	3474.26
MW - 5	07/22/08	3500.12	-	26.20	0.00	3473.92
MW - 5	08/04/08	3500.12	-	26.28	0.00	3473.84
MW - 5	08/18/08	3500.12	-	26.42	0.00	3473.70
MW - 5	09/02/08	3500.12	-	25.92	0.00	3474.20
MW - 5	09/17/08	3500.12	-	25.99	0.00	3474.13
MW - 5	09/29/08	3500.12	-	26.03	0.00	3474.09
MW - 5	10/06/08	3500.12	-	26.06	0.00	3474.06
MW - 5	10/13/08	3500.12	-	26.04	0.00	3474.08
MW - 5	10/20/08	3500.12	-	25.94	0.00	3474.18
MW - 5	10/29/08	3500.12	-	25.92	0.00	3474.20
MW - 5	11/05/08	3500.12	-	25.89	0.00	3474.23
MW - 5	11/13/08	3500.12	-	25.82	0.00	3474.30
MW - 5	12/03/08	3500.12	-	26.35	0.00	3473.77
MW - 5	12/16/08	3500.12	-	25.93	0.00	3474.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	12/30/08	3500.12	sheen	25.91	0.00	3474.21
MW - 5	02/11/09	3500.12	-	25.97	0.00	3474.15
MW - 5	02/24/09	3500.12	-	25.95	0.00	3474.17
MW - 5	03/04/09	3500.12	-	25.91	0.00	3474.21
MW - 5	03/17/09	3500.12	-	25.98	0.00	3474.14
MW - 5	03/25/09	3500.12	-	25.89	0.00	3474.23
MW - 5	04/08/09	3500.12	-	25.89	0.00	3474.23
MW - 5	04/15/09	3500.12	-	25.96	0.00	3474.16
MW - 5	04/29/09	3500.12	-	25.97	0.00	3474.15
MW - 5	05/13/09	3500.12	-	25.93	0.00	3474.19
MW - 5	06/01/09	3500.12	-	26.69	0.00	3473.43
MW - 5	06/10/09	3500.12	-	25.94	0.00	3474.18
MW - 5	06/12/09	3500.12	-	26.32	0.00	3473.80
MW - 5	06/18/09	3500.12	-	25.93	0.00	3474.19
MW - 5	06/24/09	3500.12	-	26.64	0.00	3473.48
MW - 5	07/02/09	3500.12	-	26.52	0.00	3473.60
MW - 5	07/08/09	3500.12	-	25.90	0.00	3474.22
MW - 5	07/14/09	3500.12	-	26.73	0.00	3473.39
MW - 5	07/20/09	3500.12	-	26.73	0.00	3473.39
MW - 5	07/27/09	3500.12	-	26.74	0.00	3473.38
MW - 5	08/03/09	3500.12	-	25.55	0.00	3474.57
MW - 5	08/10/09	3500.12	-	26.28	0.00	3473.84
MW - 5	08/11/09	3500.12	-	26.28	0.00	3473.84
MW - 5	08/18/09	3500.12	-	26.76	0.00	3473.36
MW - 5	08/24/09	3500.12	-	26.81	0.00	3473.31
MW - 5	08/31/09	3500.12	-	27.01	0.00	3473.11
MW - 5	09/03/09	3500.12	-	26.32	0.00	3473.80
MW - 5	09/08/09	3500.12	-	27.04	0.00	3473.08
MW - 5	09/11/09	3500.12	-	27.09	0.00	3473.03
MW - 5	09/16/09	3500.12	-	26.97	0.00	3473.15
MW - 5	09/22/09	3500.12	-	27.14	0.00	3472.98
MW - 5	09/29/09	3500.12	-	26.76	0.00	3473.36
MW - 5	10/02/09	3500.12	-	27.08	0.00	3473.04
MW - 5	10/07/09	3500.12	-	27.03	0.00	3473.09
MW - 5	10/12/09	3500.12	-	29.89	0.00	3470.23
MW - 5	10/16/09	3500.12	-	27.06	0.00	3473.06
MW - 5	10/20/09	3500.12	-	29.90	0.00	3470.22
MW - 5	10/26/09	3500.12	-	29.89	0.00	3470.23
MW - 5	10/28/09	3500.12	-	26.95	0.00	3473.17
MW - 5	11/04/09	3500.12	-	27.18	0.00	3472.94
MW - 5	11/12/09	3500.12	sheen	26.99	0.00	3473.13
MW - 5	11/23/09	3500.12	-	27.09	0.00	3473.03
MW - 5	12/03/09	3500.12	sheen	27.21	0.00	3472.91

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	12/16/09	3500.12	sheen	27.11	0.00	3473.01
MW - 5	12/21/09	3500.12	sheen	27.05	0.00	3473.07
MW - 5	12/28/09	3500.12	sheen	29.87	0.00	3470.25
MW - 5	01/05/10	3500.12	sheen	27.13	0.00	3472.99
MW - 5	01/20/10	3500.12	sheen	29.86	0.00	3470.26
MW - 5	01/25/10	3500.12	sheen	29.84	0.00	3470.28
MW - 5	01/27/10	3500.12	sheen	27.10	0.00	3473.02
MW - 5	02/10/10	3500.12	sheen	27.10	0.00	3473.02
MW - 5	03/01/10	3500.12	sheen	29.81	0.00	3470.31
MW - 5	03/09/10	3500.12	sheen	27.13	0.00	3472.99
MW - 5	03/11/10	3500.12	sheen	27.09	0.00	3473.03
MW - 5	05/25/10	3500.12	WELL DRY, NO H2O			
MW - 5	06/07/10	3500.12	6/7/10 - 6/12/10 DRY @ 26.15			
MW - 5	06/25/10	3500.12	WELL DRY, NO H2O			
MW - 5	07/07/10	3500.12	WELL DRY NO H2O			
MW - 5	07/12/10	3500.12	WELL DRY NO H2O			
MW - 5	07/26/10	3500.12	WELL DRY NO H2O			
MW - 5	08/03/10	3500.12	WELL DRY NO H2O			
MW - 5	08/13/10	3500.12	WELL DRY NO H2O			
MW - 5	08/19/10	3500.12	WELL DRY NO H2O			
MW - 5	08/25/10	3500.12	WELL DRY NO H2O			
MW - 5	09/01/10	3500.12	WELL DRY NO H2O			
MW - 5	09/09/10	3500.12	WELL DRY NO H2O			
MW - 5	09/13/10	3500.12	WELL DRY NO H2O			
MW - 5	09/29/10	3500.12	WELL DRY NO H2O			
MW - 5	10/05/10	3500.12	WELL DRY NO H2O			
MW - 5	10/25/10	3500.12	WELL DRY NO H2O			
MW - 5	11/03/10	3500.12	WELL DRY NO H2O			
MW - 5	11/10/10	3500.12	sheen	25.77	0.00	3474.35
MW - 5	11/18/10	3500.12	sheen	25.77	0.00	3474.35
MW - 5	12/09/10	3500.12	sheen	26.70	0.00	3473.42
MW - 5	01/18/11	3500.12	sheen	25.77	0.00	3474.35
MW - 5	02/22/11	3500.12	sheen	25.77	0.00	3474.35
MW - 5	03/01/11	3500.12	sheen	26.90	0.00	3473.22
MW - 5	03/07/11	3500.12	sheen	26.76	0.00	3473.36
MW - 5	03/22/11	3500.12	-	25.77	0.00	3474.35
MW - 5	04/27/11	3500.12	27.13	27.15	0.02	3472.99
MW - 5	05/17/11	3500.12	sheen	25.78	0.00	3474.34
MW - 5	07/06/11	3500.12	27.85	28.18	0.33	3472.22
MW - 5	07/14/11	3500.12	27.85	28.22	0.37	3472.21
MW - 5	07/27/11	3500.12	sheen	28.02	0.00	3472.10
MW - 5	08/03/11	3500.12	-	28.20	0.00	3471.92
MW - 5	08/11/11	3500.12	sheen	28.36	0.00	3471.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	08/18/11	3500.12	sheen	28.28	0.00	3471.84
MW - 5	08/25/11	3500.12	-	28.34	0.00	3471.78
MW - 5	09/02/11	3500.12	-	28.40	0.00	3471.72
MW - 5	09/09/11	3500.12	-	28.39	0.00	3471.73
MW - 5	11/08/11	3500.12	-	28.40	0.00	3471.72
MW - 5	12/28/11	3500.12	-	28.45	0.00	3471.67
MW - 5	01/05/12	3500.12	-	28.42	0.00	3471.70
MW - 5	01/18/12	3500.12	-	28.17	0.00	3471.95
MW - 5	03/01/12	3500.12	-	28.13	0.00	3471.99
MW - 5	05/23/12	3500.12	-	28.19	0.00	3471.93
MW - 5	08/09/12	3500.12	-	28.72	0.00	3471.40
MW - 5	11/19/12	3500.12	-	28.68	0.00	3471.44
MW - 5	02/12/13	3500.12	-	28.53	0.00	3471.59
MW - 5	03/19/13	3500.12	-	28.47	0.00	3471.65
MW - 5	05/01/13	3500.12	-	29.10	0.00	3471.02
MW - 5	05/08/13	3500.12	-	28.46	0.00	3471.66
MW - 5	05/15/13	3500.12	-	28.45	0.00	3471.67
MW - 5	05/17/13	3500.12	-	28.49	0.00	3471.63
MW - 5	05/19/13	3500.12	-	28.49	0.00	3471.63
MW - 5	05/23/13	3500.12	-	28.53	0.00	3471.59
MW - 5	05/29/13	3500.12	-	28.49	0.00	3471.63
MW - 5	06/12/13	3500.12	-	28.82	0.00	3471.30
MW - 5	07/02/13	3500.12	-	29.23	0.00	3470.89
MW - 5	07/08/13	3500.12	-	29.24	0.00	3470.88
MW - 5	07/15/13	3500.12	-	29.31	0.00	3470.81
MW - 5	07/23/13	3500.12	-	29.24	0.00	3470.88
MW - 5	07/29/13	3500.12	-	29.40	0.00	3470.72
MW - 5	08/07/13	3500.12	-	29.19	0.00	3470.93
MW - 5	08/15/13	3500.12	-	29.49	0.00	3470.63
MW - 5	08/20/13	3500.12	-	29.58	0.00	3470.54
MW - 5	08/28/13	3500.12	-	29.44	0.00	3470.68
MW - 5	09/05/13	3500.12	-	29.68	0.00	3470.44
MW - 5	09/09/13	3500.12	-	29.47	0.00	3470.65
MW - 5	09/18/13	3500.12	-	29.60	0.00	3470.52
MW - 5	09/28/13	3500.12	-	29.65	0.00	3470.47
MW - 5	10/01/13	3500.12	-	29.43	0.00	3470.69
MW - 5	10/08/13	3500.12	-	29.44	0.00	3470.68
MW - 5	10/14/13	3500.12	-	29.45	0.00	3470.67
MW - 5	10/23/13	3500.12	-	29.34	0.00	3470.78
MW - 5	10/29/13	3500.12	-	29.26	0.00	3470.86
MW - 5	11/16/13	3500.12	-	29.12	0.00	3471.00
MW - 5	11/27/13	3500.12	-	29.25	0.00	3470.87
MW - 5	12/02/13	3500.12	-	28.98	0.00	3471.14

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	12/14/13	3500.12	-	29.33	0.00	3470.79
MW - 5	12/19/13	3500.12	-	28.90	0.00	3471.22
MW - 5	12/24/13	3500.12	-	29.10	0.00	3471.02
MW - 5	01/02/14	3500.12	-	29.04	0.00	3471.08
MW - 5	01/07/14	3500.12	-	28.92	0.00	3471.20
MW - 5	01/14/14	3500.12	-	29.09	0.00	3471.03
MW - 5	01/21/14	3500.12	-	28.99	0.00	3471.13
MW - 5	01/31/14	3500.12	-	28.95	0.00	3471.17
MW - 5	02/10/14	3500.12	-	28.94	0.00	3471.18
MW - 5	02/27/14	3500.12	-	28.81	0.00	3471.31
MW - 5	03/06/14	3500.12	-	28.87	0.00	3471.25
MW - 5	03/13/14	3500.12	-	28.91	0.00	3471.21
MW - 5	03/25/14	3500.12	-	28.93	0.00	3471.19
MW - 5	04/03/14	3500.12	-	28.84	0.00	3471.28
MW - 5	04/07/14	3500.12	-	28.97	0.00	3471.15
MW - 5	04/14/14	3500.12	-	29.11	0.00	3471.01
MW - 5	04/23/14	3500.12	-	28.86	0.00	3471.26
MW - 5	04/28/14	3500.12	-	29.34	0.00	3470.78
MW - 5	05/05/14	3500.12	-	28.99	0.00	3471.13
MW - 5	05/14/14	3500.12	28.95	29.00	0.05	3471.16
MW - 5	05/22/14	3500.12	27.35	27.38	0.03	3472.77
MW - 5	05/28/14	3500.12	29.30	29.55	0.25	3470.78
MW - 5	06/02/14	3500.12	29.17	29.34	0.17	3470.92
MW - 5	06/12/14	3500.12	29.44	29.72	0.28	3470.64
MW - 5	06/17/14	3500.12	29.46	29.68	0.22	3470.63
MW - 5	06/25/14	3500.12	29.55	29.75	0.20	3470.54
MW - 5	06/30/14	3500.12	-	29.78	0.00	3470.34
MW - 5	07/11/14	3500.12	-	29.78	0.00	3470.34
MW - 5	07/14/14	3500.12	-	29.73	0.00	3470.39
MW - 5	07/22/14	3500.12	-	29.95	0.00	3470.17
MW - 5	07/23/14	3500.12	-	29.95	0.00	3470.17
MW - 5	08/05/14	3500.12	-	29.99	0.00	3470.13
MW - 5	08/12/14	3500.12	-	30.03	0.00	3470.09
MW - 5	08/13/14	3500.12	29.91	29.92	0.01	3470.21
MW - 5	08/27/14	3500.12	30.03	30.06	0.03	3470.09
MW - 5	09/17/14	3500.12	-	29.57	0.00	3470.55
MW - 5	09/23/14	3500.12	-	29.24	0.00	3470.88
MW - 5	10/10/14	3500.12	-	28.64	0.00	3471.48
MW - 5	10/10/14	3500.12	-	28.64	0.00	3471.48
MW - 5	10/15/14	3500.12	-	28.50	0.00	3471.62
MW - 5	10/20/14	3500.12	-	28.46	0.00	3471.66
MW - 5	10/27/14	3500.12	-	28.32	0.00	3471.80
MW - 5	11/04/14	3500.12	-	28.42	0.00	3471.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	11/06/14	3500.12	-	28.31	0.00	3471.81
MW - 5	11/11/14	3500.12	-	28.32	0.00	3471.80
MW - 5	11/18/14	3500.12	-	28.27	0.00	3471.85
MW - 5	12/02/14	3500.12	-	28.01	0.00	3472.11
MW - 5	12/09/14	3500.12	-	27.96	0.00	3472.16
MW - 5	12/17/14	3500.12	-	28.31	0.00	3471.81
MW - 5	12/23/14	3500.12	-	27.92	0.00	3472.20
MW - 5	12/30/14	3500.12	-	28.17	0.00	3471.95
MW - 5	01/09/15	3500.12	-	28.39	0.00	3471.73
MW - 5	01/13/15	3500.12	-	28.02	0.00	3472.10
MW - 5	01/21/15	3500.12	27.77	27.79	0.02	3472.35
MW - 5	01/26/15	3500.12	27.94	27.98	0.04	3472.17
MW - 5	02/03/15	3500.12	27.73	27.75	0.02	3472.39
MW - 5	02/05/15	3500.12	-	27.87	0.00	3472.25
MW - 5	02/16/15	3500.12	27.82	27.83	0.01	3472.30
MW - 5	02/17/15	3500.12	-	27.90	0.00	3472.22
MW - 5	03/04/15	3500.12	-	27.73	0.00	3472.39
MW - 5	03/10/15	3500.12	-	27.75	0.00	3472.37
MW - 5	03/16/15	3500.12	-	27.72	0.00	3472.40
MW - 5	03/23/15	3500.12	-	27.73	0.00	3472.39
MW - 5	03/31/15	3500.12	-	27.63	0.00	3472.49
MW - 5	04/03/15	3500.12	-	27.72	0.00	3472.40
MW - 5	04/06/15	3500.12	27.58	27.59	0.01	3472.54
MW - 5	04/09/15	3500.12	-	27.59	0.00	3472.53
MW - 5	04/13/15	3500.12	-	27.55	0.00	3472.57
MW - 5	04/16/15	3500.12	-	27.43	0.00	3472.69
MW - 5	04/22/15	3500.12	-	27.41	0.00	3472.71
MW - 5	04/24/15	3500.12	-	27.41	0.00	3472.71
MW - 5	05/01/15	3501.12	-	27.43	0.00	3473.69
MW - 5	05/11/15	3500.12	27.46	27.48	0.02	3472.66
MW - 5	05/14/15	3500.12	27.30	27.32	0.02	3472.82
MW - 5	05/21/15	3500.12	27.24	27.30	0.06	3472.87
MW - 5	05/29/15	3500.12	-	27.48	0.00	3472.64
MW - 5	06/03/15	3500.12	-	27.43	0.00	3472.69
MW - 5	06/04/15	3500.12	-	27.49	0.00	3472.63
MW - 5	06/09/15	3500.12	-	27.51	0.00	3472.61
MW - 5	06/17/15	3500.12	-	27.41	0.00	3472.71
MW - 5	06/18/15	3500.12	-	27.44	0.00	3472.68
MW - 5	06/23/15	3500.12	-	27.48	0.00	3472.64
MW - 5	06/29/15	3500.12	-	27.50	0.00	3472.62
MW - 5	07/01/15	3500.12	-	27.48	0.00	3472.64
MW - 5	07/07/15	3500.12	-	27.61	0.00	3472.51
MW - 5	07/09/15	3500.12	-	27.64	0.00	3472.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	07/13/15	3500.12	-	27.45	0.00	3472.67
MW - 5	07/15/15	3500.12	-	27.63	0.00	3472.49
MW - 5	07/20/15	3500.12	-	27.67	0.00	3472.45
MW - 5	07/21/15	3500.12	-	27.74	0.00	3472.38
MW - 5	07/28/15	3500.12	-	27.82	0.00	3472.30
MW - 5	07/30/15	3500.12	-	27.98	0.00	3472.14
MW - 5	08/03/15	3500.12	-	27.84	0.00	3472.28
MW - 5	08/04/15	3500.12	-	27.82	0.00	3472.30
MW - 5	08/07/15	3500.12	-	27.84	0.00	3472.28
MW - 5	08/11/15	3500.12	27.89	27.93	0.04	3472.22
MW - 5	08/12/15	3500.12	27.92	27.94	0.02	3472.20
MW - 5	08/18/15	3500.12	-	27.84	0.00	3472.28
MW - 5	08/20/15	3500.12	-	28.19	0.00	3471.93
MW - 5	08/25/15	3500.12	-	28.20	0.00	3471.92
MW - 5	08/26/15	3500.12	-	28.16	0.00	3471.96
MW - 5	08/31/15	3500.12	-	28.11	0.00	3472.01
MW - 5	09/02/15	3500.12	-	27.95	0.00	3472.17
MW - 5	10/22/15	3500.12	-	27.81	0.00	3472.31
MW - 5	10/27/15	3500.12	-	27.77	0.00	3472.35
MW - 5	11/05/15	3500.12	-	27.72	0.00	3472.40
MW - 5	11/11/15	3500.12	-	27.65	0.00	3472.47
MW - 5	11/17/15	3500.12	-	27.61	0.00	3472.51
MW - 5	12/01/15	3500.12	-	27.56	0.00	3472.56
MW - 5	12/03/15	3500.12	-	27.68	0.00	3472.44
MW - 5	12/09/15	3500.12	-	27.48	0.00	3472.64
MW - 5	01/06/16	3500.12	-	27.49	0.00	3472.63
MW - 5	01/11/16	3500.12	-	27.59	0.00	3472.53
MW - 5	01/13/16	3500.12	-	27.59	0.00	3472.53
MW - 5	01/15/16	3500.12	-	27.43	0.00	3472.69
MW - 5	01/27/16	3500.12	-	27.57	0.00	3472.55
MW - 5	01/29/16	3500.12	-	27.32	0.00	3472.80
MW - 5	02/02/16	3500.12	-	27.37	0.00	3472.75
MW - 5	02/04/16	3500.12	-	27.37	0.00	3472.75
MW - 5	02/10/16	3500.12	-	27.43	0.00	3472.69
MW - 5	02/17/16	3500.12	-	27.35	0.00	3472.77
MW - 5	02/19/16	3500.12	-	27.40	0.00	3472.72
MW - 5	03/03/16	3500.12	-	27.33	0.00	3472.79
MW - 5	03/10/16	3500.12	27.22	27.27	0.05	3472.89
MW - 5	03/11/16	3500.12	27.22	27.26	0.04	3472.89
MW - 5	03/16/16	3500.12	-	27.33	0.00	3472.79
MW - 5	03/29/16	3500.12	-	27.17	0.00	3472.95
MW - 5	04/12/16	3500.12	-	27.14	0.00	3472.98
MW - 5	04/15/16	3500.12	-	27.05	0.00	3473.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	04/19/16	3500.12	-	27.06	0.00	3473.06
MW - 5	04/29/16	3500.12	26.97	26.99	0.02	3473.15
MW - 5	05/04/16	3500.12	27.01	27.04	0.03	3473.11
MW - 5	05/13/16	3500.12	-	27.16	0.00	3472.96
MW - 5	05/18/16	3500.12	-	27.11	0.00	3473.01
MW - 5	05/25/16	3500.12	27.08	27.12	0.04	3473.03
MW - 5	06/02/16	3500.12	27.21	27.29	0.08	3472.90
MW - 5	06/06/16	3500.12	27.20	27.28	0.08	3472.91
MW - 5	06/28/16	3500.12	-	27.72	0.00	3472.40
MW - 5	07/05/16	3500.12	-	27.22	0.00	3472.90
MW - 5	07/14/16	3500.12	-	27.36	0.00	3472.76
MW - 5	07/21/16	3500.12	-	28.05	0.00	3472.07
MW - 5	07/25/16	3500.12	-	28.07	0.00	3472.05
MW - 5	08/01/16	3500.12	-	28.19	0.00	3471.93
MW - 5	08/09/16	3500.12	-	28.27	0.00	3471.85
MW - 5	08/15/16	3500.12	-	28.32	0.00	3471.80
MW - 5	08/18/16	3500.12	-	28.29	0.00	3471.83
MW - 5	08/22/16	3500.12	-	28.34	0.00	3471.78
MW - 5	08/31/16	3500.12	-	28.03	0.00	3472.09
MW - 5	09/06/16	3500.12	-	28.03	0.00	3472.09
MW - 5	09/12/16	3500.12	-	27.57	0.00	3472.55
MW - 5	09/19/16	3500.12	-	27.23	0.00	3472.89
MW - 5	09/26/16	3500.12	-	26.93	0.00	3473.19
MW - 5	10/17/16	3500.12	-	26.51	0.00	3473.61
MW - 5	10/25/16	3500.12	-	26.51	0.00	3473.61
MW - 5	11/03/16	3500.12	-	26.61	0.00	3473.51
MW - 5	11/08/16	3500.12	-	26.56	0.00	3473.56
MW - 5	11/15/16	3500.12	-	26.47	0.00	3473.65
MW - 5	11/22/16	3500.12	-	26.41	0.00	3473.71
MW - 5	12/05/16	3500.12	-	26.41	0.00	3473.71
MW - 5	12/13/16	3500.12	-	26.61	0.00	3473.51
MW - 5	12/22/16	3500.12	-	26.43	0.00	3473.69
MW - 5	12/27/16	3500.12	-	26.45	0.00	3473.67
MW - 5	01/04/17	3500.12	-	26.35	0.00	3473.77
MW - 5	01/13/17	3500.12	-	26.56	0.00	3473.56
MW - 5	01/17/17	3500.12	-	26.41	0.00	3473.71
MW - 5	01/24/17	3500.12	-	26.22	0.00	3473.90
MW - 5	01/31/17	3500.12	-	26.22	0.00	3473.90
MW - 5	02/07/17	3500.12	-	26.43	0.00	3473.69
MW - 5	02/16/17	3500.12	-	26.24	0.00	3473.88
MW - 5	02/20/17	3500.12	-	26.41	0.00	3473.71
MW - 5	03/01/17	3500.12	-	26.65	0.00	3473.47
MW - 5	03/06/17	3500.12	-	26.56	0.00	3473.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	03/14/17	3500.12	-	26.45	0.00	3473.67
MW - 5	03/24/17	3500.12	-	26.34	0.00	3473.78
MW - 5	04/04/17	3500.12	-	26.28	0.00	3473.84
MW - 5	04/19/17	3500.12	-	25.57	0.00	3474.55
MW - 5	04/28/17	3500.12	-	26.02	0.00	3474.10
MW - 5	05/01/17	3500.12	-	26.13	0.00	3473.99
MW - 5	05/11/17	3500.12	-	26.07	0.00	3474.05
MW - 5	05/18/17	3500.12	-	26.14	0.00	3473.98
MW - 5	05/23/17	3500.12	-	26.12	0.00	3474.00
MW - 5	06/06/17	3500.12	-	26.27	0.00	3473.85
MW - 5	06/12/17	3500.12	-	26.27	0.00	3473.85
MW - 5	06/23/17	3500.12	26.43	26.50	0.07	3473.68
MW - 5	07/03/17	3500.12	-	26.27	0.00	3473.85
MW - 5	07/25/17	3500.12	-	26.76	0.00	3473.36
MW - 5	08/14/17	3500.12	-	26.55	0.00	3473.57
MW - 5	08/21/17	3500.12	-	26.61	0.00	3473.51
MW - 5	08/30/17	3500.12	-	26.59	0.00	3473.53
MW - 5	09/06/17	3500.12	-	26.31	0.00	3473.81
MW - 5	09/12/17	3500.12	-	26.90	0.00	3473.22
MW - 5	10/04/17	3500.12	-	26.39	0.00	3473.73
MW - 5	10/17/17	3500.12	-	25.33	0.00	3474.79
MW - 5	10/23/17	3500.12	-	26.26	0.00	3473.86
MW - 5	10/30/17	3500.12	-	26.31	0.00	3473.81
MW - 5	11/15/17	3500.12	-	26.32	0.00	3473.80
MW - 5	12/04/17	3500.12	-	26.13	0.00	3473.99
MW - 5	12/22/17	3500.12	-	26.24	0.00	3473.88
MW - 5	12/29/17	3500.12	-	26.23	0.00	3473.89
MW - 5	01/02/18	3500.12	-	26.23	0.00	3473.89
MW - 5	01/12/18	3500.12	-	26.19	0.00	3473.93
MW - 5	01/17/18	3500.12	-	26.26	0.00	3473.86
MW - 5	01/23/18	3500.12	-	26.23	0.00	3473.89
MW - 5	01/29/18	3500.12	-	26.28	0.00	3473.84
MW - 5	02/05/18	3500.12	-	26.17	0.00	3473.95
MW - 5	02/14/18	3500.12	-	26.12	0.00	3474.00
MW - 5	02/20/18	3500.12	-	26.01	0.00	3474.11
MW - 5	03/13/18	3500.12	-	26.43	0.00	3473.69
MW - 5	03/28/18	3500.12	-	26.19	0.00	3473.93
MW - 5	04/05/18	3500.12	-	26.13	0.00	3473.99
MW - 5	04/27/18	3500.12	-	26.23	0.00	3473.89
MW - 5	05/04/18	3500.12	-	26.27	0.00	3473.85
MW - 5	05/16/18	3500.12	-	26.32	0.00	3473.80
MW - 5	06/15/18	3500.12	26.68	26.69	0.01	3473.44
MW - 5	06/19/18	3500.12	-	26.76	0.00	3473.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	06/29/18	3500.12	-	26.92	0.00	3473.20
MW - 5	07/16/18	3500.12	-	27.09	0.00	3473.03
MW - 5	08/14/18	3500.12	-	27.37	0.00	3472.75
MW - 5	08/31/18	3500.12	-	27.63	0.00	3472.49
MW - 5	09/05/18	3500.12	-	27.59	0.00	3472.53
MW - 5	09/10/18	3500.12	-	27.48	0.00	3472.64
MW - 5	09/27/18	3500.12	-	27.36	0.00	3472.76
MW - 5	10/08/18	3500.12	-	27.19	0.00	3472.93
MW - 5	10/11/18	3500.12	-	27.31	0.00	3472.81
MW - 5	11/13/18	3500.12	-	27.22	0.00	3472.90
MW - 5	11/29/18	3500.12	-	26.86	0.00	3473.26
MW - 5	12/07/18	3500.12	-	26.87	0.00	3473.25
MW - 5	12/14/18	3500.12	-	26.85	0.00	3473.27
MW - 5	12/20/18	3500.12	-	26.84	0.00	3473.28
MW - 5	12/28/18	3500.12	-	26.94	0.00	3473.18
MW - 5	01/03/19	3500.12	-	26.67	0.00	3473.45
MW - 5	01/29/19	3500.12	-	26.83	0.00	3473.29
MW - 5	03/05/19	3500.12	-	26.83	0.00	3473.29
MW - 5	03/11/19	3500.12	-	26.91	0.00	3473.21
MW - 5	03/29/19	3500.12	-	26.62	0.00	3473.50
MW - 5	04/18/19	3500.12	-	26.70	0.00	3473.42
MW - 5	05/14/19	3500.12	-	26.65	0.00	3473.47
MW - 5	06/06/19	3500.12	-	26.66	0.00	3473.46
MW - 5	07/17/19	3500.12	-	27.16	0.00	3472.96
MW - 5	09/11/19	3500.12	-	27.60	0.00	3472.52
MW - 5	10/16/19	3500.12	-	27.41	0.00	3472.71
MW - 5	12/04/19	3500.12	-	26.93	0.00	3473.19
MW - 5	12/30/19	3500.12	-	26.92	0.00	3473.20
MW - 5	01/14/20	3500.12	-	26.90	0.00	3473.22
MW - 5	02/13/20	3500.12	-	26.72	0.00	3473.40
MW - 5	05/15/20	3500.12	-	26.40	0.00	3473.72
MW - 5	06/25/20	3500.12	-	27.08	0.00	3473.04
MW - 5	07/28/20	3500.12	-	27.56	0.00	3472.56
MW - 5	08/19/20	3500.12	-	27.69	0.00	3472.43
MW - 5	09/11/20	3500.12	-	27.91	0.00	3472.21
MW - 5	10/30/20	3500.12	27.98	28.01	0.03	3472.14
MW - 5	11/11/20	3500.12	27.87	27.92	0.05	3472.24
MW - 5	12/30/20	3500.12	27.84	27.89	0.05	3472.27
MW - 5	01/21/21	3500.12	27.82	27.84	0.02	3472.30
MW - 5	03/18/21	3500.12	28.04	28.14	0.10	3472.07
MW - 5	05/28/21	3500.12	27.95	28.08	0.13	3472.15
MW - 5	07/26/21	3500.12	27.95	28.25	0.30	3472.13
MW - 5	07/27/21	3500.12	27.95	28.25	0.30	3472.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	09/29/21	3500.12	28.15	28.47	0.32	3471.92
MW - 5	10/13/21	3500.12	28.14	28.43	0.29	3471.94
MW - 5	12/01/21	3500.12	28.10	28.43	0.33	3471.97
MW - 6	06/07/02	3499.82	28.16	30.98	2.82	3471.24
MW - 6	09/27/02	3499.82	sheen	28.18	0.00	3471.64
MW - 6	12/04/02	3499.82	-	28.00	0.00	3471.82
MW - 6	01/27/03	3499.82	sheen	27.91	0.00	3471.91
MW - 6	03/20/03	3499.82	sheen	27.97	0.00	3471.85
MW - 6	04/02/03	3499.82	27.87	27.88	0.01	3471.95
MW - 6	04/29/03	3499.82	27.86	27.87	0.01	3471.96
MW - 6	05/22/03	3499.82	-	28.09	0.00	3471.73
MW - 6	06/04/03	3499.82	sheen	28.17	0.00	3471.65
MW - 6	06/26/03	3499.82	sheen	28.21	0.00	3471.61
MW - 6	07/30/03	3499.82	-	28.18	0.00	3471.64
MW - 6	08/26/03	3499.82	sheen	29.42	0.00	3470.40
MW - 6	10/02/03	3499.82	29.46	29.47	0.01	3470.36
MW - 6	10/08/03	3499.82	29.39	29.40	0.01	3470.43
MW - 6	10/16/03	3499.82	29.71	29.72	0.01	3470.11
MW - 6	10/28/03	3499.82	sheen	29.70	0.00	3470.12
MW - 6	11/18/03	3499.82	sheen	29.61	0.00	3470.21
MW - 6	11/25/03	3499.82	sheen	29.35	0.00	3470.47
MW - 6	12/08/03	3499.82	sheen	29.42	0.00	3470.40
MW - 6	01/27/04	3499.82	-	29.94	0.00	3469.88
MW - 6	02/02/04	3499.82	-	29.89	0.00	3469.93
MW - 6	02/10/04	3499.82	-	29.41	0.00	3470.41
MW - 6	02/20/04	3499.82	-	29.55	0.00	3470.27
MW - 6	03/04/04	3499.82	-	29.39	0.00	3470.43
MW - 6	03/16/04	3499.82	-	29.70	0.00	3470.12
MW - 6	03/25/04	3499.82	-	29.73	0.00	3470.09
MW - 6	03/31/04	3499.82	-	29.72	0.00	3470.10
MW - 6	04/01/04	3499.82	-	29.68	0.00	3470.14
MW - 6	04/08/04	3499.82	25.10	26.72	1.62	3474.48
MW - 6	04/14/04	3499.82	-	26.90	0.00	3472.92
MW - 6	04/16/04	3499.82	-	27.10	0.00	3472.72
MW - 6	04/22/04	3499.82	-	26.44	0.00	3473.38
MW - 6	04/29/04	3499.82	-	26.46	0.00	3473.36
MW - 6	05/05/04	3499.82	-	26.91	0.00	3472.91
MW - 6	05/10/04	3499.82	-	26.59	0.00	3473.23
MW - 6	06/08/04	3499.82	-	26.72	0.00	3473.10
MW - 6	06/17/04	3499.82	sheen	26.89	0.00	3472.93
MW - 6	06/22/04	3499.82	-	26.94	0.00	3472.88
MW - 6	06/25/04	3499.82	-	26.91	0.00	3472.91

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	06/29/04	3499.82	sheen	26.87	0.00	3472.95
MW - 6	07/01/04	3499.82	sheen	26.90	0.00	3472.92
MW - 6	07/08/04	3499.82	-	26.89	0.00	3472.93
MW - 6	07/13/04	3499.82	-	26.94	0.00	3472.88
MW - 6	07/20/04	3499.82	27.03	27.49	0.46	3472.72
MW - 6	08/04/04	3499.82	27.05	27.50	0.45	3472.70
MW - 6	08/10/04	3499.82	27.03	27.49	0.46	3472.72
MW - 6	08/17/04	3499.82	26.38	26.69	0.31	3473.39
MW - 6	08/23/04	3499.82	27.14	27.43	0.29	3472.64
MW - 6	08/25/04	3499.82	22.18	27.51	5.33	3476.84
MW - 6	08/31/04	3499.82	27.27	27.63	0.36	3472.50
MW - 6	09/13/04	3499.82	26.48	26.55	0.07	3473.33
MW - 6	09/20/04	3499.82	27.57	27.65	0.08	3472.24
MW - 6	09/30/04	3499.82	27.67	27.81	0.14	3472.13
MW - 6	10/04/04	3499.82	sheen	26.31	0.00	3473.51
MW - 6	10/11/04	3499.82	26.05	26.16	0.11	3473.75
MW - 6	10/18/04	3499.82	25.80	25.88	0.08	3474.01
MW - 6	10/27/04	3499.82	sheen	25.97	0.00	3473.85
MW - 6	11/02/04	3499.82	25.88	26.10	0.22	3473.91
MW - 6	11/08/04	3499.82	sheen	26.95	0.00	3472.87
MW - 6	11/23/04	3499.82	sheen	25.75	0.00	3474.07
MW - 6	12/01/04	3499.82	sheen	25.50	0.00	3474.32
MW - 6	12/02/04	3499.82	sheen	25.50	0.00	3474.32
MW - 6	12/08/04	3499.82	sheen	25.40	0.00	3474.42
MW - 6	12/14/04	3499.82	sheen	25.38	0.00	3474.44
MW - 6	12/21/04	3499.82	sheen	25.40	0.00	3474.42
MW - 6	12/29/04	3499.82	sheen	25.34	0.00	3474.48
MW - 6	01/11/05	3499.82	sheen	25.23	0.00	3474.59
MW - 6	01/14/05	3499.82	sheen	25.41	0.00	3474.41
MW - 6	01/18/05	3499.82	sheen	25.27	0.00	3474.55
MW - 6	01/21/05	3499.82	sheen	25.20	0.00	3474.62
MW - 6	01/25/05	3499.82	sheen	25.26	0.00	3474.56
MW - 6	01/28/05	3499.82	sheen	25.23	0.00	3474.59
MW - 6	02/02/05	3499.82	sheen	24.29	0.00	3475.53
MW - 6	02/05/05	3499.82	sheen	25.21	0.00	3474.61
MW - 6	02/08/05	3499.82	sheen	25.23	0.00	3474.59
MW - 6	02/11/05	3499.82	sheen	25.17	0.00	3474.65
MW - 6	02/15/05	3499.82	sheen	25.33	0.00	3474.49
MW - 6	02/18/05	3499.82	sheen	25.33	0.00	3474.49
MW - 6	02/22/05	3499.82	sheen	25.21	0.00	3474.61
MW - 6	02/25/05	3499.82	sheen	25.34	0.00	3474.48
MW - 6	03/01/05	3499.82	sheen	25.25	0.00	3474.57
MW - 6	03/04/05	3499.82	sheen	25.30	0.00	3474.52

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	03/08/05	3499.82	sheen	25.15	0.00	3474.67
MW - 6	03/10/05	3499.82	sheen	25.15	0.00	3474.67
MW - 6	03/11/05	3499.82	sheen	25.81	0.00	3474.01
MW - 6	03/15/05	3499.82	sheen	25.78	0.00	3474.04
MW - 6	03/19/05	3499.82	sheen	25.76	0.00	3474.06
MW - 6	03/22/05	3499.82	sheen	25.25	0.00	3474.57
MW - 6	03/28/05	3499.82	sheen	25.07	0.00	3474.75
MW - 6	04/01/05	3499.82	sheen	25.82	0.00	3474.00
MW - 6	04/05/05	3499.82	sheen	25.13	0.00	3474.69
MW - 6	04/08/05	3499.82	sheen	25.14	0.00	3474.68
MW - 6	04/12/05	3499.82	sheen	25.15	0.00	3474.67
MW - 6	04/15/05	3499.82	sheen	25.13	0.00	3474.69
MW - 6	05/25/05	3499.82	sheen	24.88	0.00	3474.94
MW - 6	06/03/05	3499.82	sheen	24.76	0.00	3475.06
MW - 6	06/06/05	3499.82	sheen	24.80	0.00	3475.02
MW - 6	06/10/05	3499.82	sheen	24.69	0.00	3475.13
MW - 6	06/13/05	3499.82	sheen	24.89	0.00	3474.93
MW - 6	06/20/05	3499.82	sheen	24.88	0.00	3474.94
MW - 6	06/24/05	3499.82	sheen	24.84	0.00	3474.98
MW - 6	06/27/05	3499.82	sheen	24.86	0.00	3474.96
MW - 6	07/18/05	3499.82	sheen	25.13	0.00	3474.69
MW - 6	07/25/05	3499.82	sheen	25.20	0.00	3474.62
MW - 6	08/01/05	3499.82	25.25	25.26	0.01	3474.57
MW - 6	08/04/05	3499.82	sheen	25.28	0.00	3474.54
MW - 6	08/10/05	3499.82	sheen	25.29	0.00	3474.53
MW - 6	08/16/05	3499.82	sheen	25.37	0.00	3474.45
MW - 6	08/23/05	3499.82	sheen	25.11	0.00	3474.71
MW - 6	08/29/05	3499.82	sheen	25.03	0.00	3474.79
MW - 6	09/06/05	3499.82	sheen	25.04	0.00	3474.78
MW - 6	09/09/05	3499.82	-	25.02	0.00	3474.80
MW - 6	09/12/05	3499.82	25.02	25.03	0.01	3474.80
MW - 6	09/19/05	3499.82	sheen	25.20	0.00	3474.62
MW - 6	09/27/05	3499.82	sheen	25.23	0.00	3474.59
MW - 6	10/03/05	3499.82	sheen	25.29	0.00	3474.53
MW - 6	10/10/05	3499.82	sheen	25.13	0.00	3474.69
MW - 6	10/17/05	3499.82	sheen	25.09	0.00	3474.73
MW - 6	10/24/05	3499.82	sheen	25.09	0.00	3474.73
MW - 6	11/01/05	3499.82	sheen	24.99	0.00	3474.83
MW - 6	11/08/05	3499.82	sheen	24.94	0.00	3474.88
MW - 6	11/15/05	3499.82	25.09	25.10	0.01	3474.73
MW - 6	11/22/05	3499.82	sheen	24.96	0.00	3474.86
MW - 6	11/27/05	3499.82	sheen	24.92	0.00	3474.90
MW - 6	12/05/05	3499.82	-	24.92	0.00	3474.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	12/07/05	3499.82	sheen	24.98	0.00	3474.84
MW - 6	12/16/05	3499.82	sheen	24.88	0.00	3474.94
MW - 6	12/29/05	3499.82	sheen	24.90	0.00	3474.92
MW - 6	01/03/06	3499.82	sheen	24.90	0.00	3474.92
MW - 6	01/09/06	3499.82	sheen	24.99	0.00	3474.83
MW - 6	01/16/06	3499.82	sheen	24.84	0.00	3474.98
MW - 6	01/23/06	3499.82	sheen	25.01	0.00	3474.81
MW - 6	01/30/06	3499.82	sheen	25.04	0.00	3474.78
MW - 6	02/07/06	3499.82	sheen	24.97	0.00	3474.85
MW - 6	02/14/06	3499.82	24.88	24.89	0.01	3474.94
MW - 6	02/21/06	3499.82	24.85	24.86	0.01	3474.97
MW - 6	02/27/06	3499.82	24.89	24.90	0.01	3474.93
MW - 6	03/06/06	3499.82	sheen	24.91	0.00	3474.91
MW - 6	03/09/06	3499.82	sheen	24.84	0.00	3474.98
MW - 6	03/17/06	3499.82	sheen	25.10	0.00	3474.72
MW - 6	03/21/06	3499.82	sheen	25.03	0.00	3474.79
MW - 6	03/28/06	3499.82	sheen	25.02	0.00	3474.80
MW - 6	04/03/06	3499.82	sheen	25.42	0.00	3474.40
MW - 6	04/10/06	3499.82	sheen	24.83	0.00	3474.99
MW - 6	04/17/06	3499.82	sheen	24.83	0.00	3474.99
MW - 6	05/01/06	3499.82	24.86	24.87	0.01	3474.96
MW - 6	05/08/06	3499.82	sheen	24.84	0.00	3474.98
MW - 6	06/01/06	3499.82	sheen	25.15	0.00	3474.67
MW - 6	06/05/06	3499.82	sheen	25.11	0.00	3474.71
MW - 6	06/08/06	3499.82	25.25	25.32	0.07	3474.56
MW - 6	06/12/06	3499.82	25.30	25.34	0.04	3474.51
MW - 6	06/19/06	3499.82	25.38	25.39	0.01	3474.44
MW - 6	07/03/06	3499.82	sheen	25.52	0.00	3474.30
MW - 6	07/10/06	3499.82	sheen	25.57	0.00	3474.25
MW - 6	07/17/06	3499.82	-	25.37	0.00	3474.45
MW - 6	07/26/06	3499.82	sheen	25.50	0.00	3474.32
MW - 6	07/31/06	3499.82	sheen	25.55	0.00	3474.27
MW - 6	08/07/06	3499.82	sheen	25.64	0.00	3474.18
MW - 6	08/17/06	3499.82	-	25.51	0.00	3474.31
MW - 6	08/21/06	3499.82	sheen	24.26	0.00	3475.56
MW - 6	09/06/06	3499.82	sheen	24.94	0.00	3474.88
MW - 6	09/11/06	3499.82	sheen	24.97	0.00	3474.85
MW - 6	09/15/06	3499.82	-	24.89	0.00	3474.93
MW - 6	10/02/06	3499.82	sheen	24.95	0.00	3474.87
MW - 6	10/09/06	3499.82	sheen	24.95	0.00	3474.87
MW - 6	10/17/06	3499.82	sheen	24.90	0.00	3474.92
MW - 6	10/23/06	3499.82	sheen	24.89	0.00	3474.93
MW - 6	10/30/06	3499.82	sheen	24.87	0.00	3474.95

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	11/06/06	3499.82	sheen	24.85	0.00	3474.97
MW - 6	11/13/06	3499.82	sheen	24.92	0.00	3474.90
MW - 6	11/20/06	3499.82	sheen	24.92	0.00	3474.90
MW - 6	11/27/06	3499.82	sheen	24.79	0.00	3475.03
MW - 6	11/29/06	3499.82	sheen	24.80	0.00	3475.02
MW - 6	12/04/06	3499.82	sheen	24.92	0.00	3474.90
MW - 6	12/12/06	3499.82	sheen	24.92	0.00	3474.90
MW - 6	12/18/06	3499.82	sheen	24.93	0.00	3474.89
MW - 6	01/04/07	3499.82	sheen	24.77	0.00	3475.05
MW - 6	01/11/07	3499.82	sheen	24.82	0.00	3475.00
MW - 6	01/18/07	3499.82	sheen	24.94	0.00	3474.88
MW - 6	01/22/07	3499.82	sheen	24.92	0.00	3474.90
MW - 6	01/31/07	3499.82	sheen	24.79	0.00	3475.03
MW - 6	02/07/07	3499.82	sheen	24.84	0.00	3474.98
MW - 6	02/14/07	3499.82	sheen	24.91	0.00	3474.91
MW - 6	02/26/07	3499.82	sheen	24.87	0.00	3474.95
MW - 6	03/07/07	3499.82	sheen	24.97	0.00	3474.85
MW - 6	04/17/07	3499.82	sheen	24.66	0.00	3475.16
MW - 6	05/21/07	3499.82	-	24.38	0.00	3475.44
MW - 6	08/16/07	3499.82	-	24.95	0.00	3474.87
MW - 6	09/13/07	3499.82	sheen	24.33	0.00	3475.49
MW - 6	09/18/07	3499.82	sheen	23.21	0.00	3476.61
MW - 6	09/24/07	3499.82	sheen	24.68	0.00	3475.14
MW - 6	11/07/07	3499.82	sheen	24.72	0.00	3475.10
MW - 6	01/09/08	3499.82	-	24.63	0.00	3475.19
MW - 6	01/16/08	3499.82	-	24.78	0.00	3475.04
MW - 6	01/23/08	3499.82	-	24.82	0.00	3475.00
MW - 6	02/08/08	3499.82	-	24.80	0.00	3475.02
MW - 6	02/12/08	3499.82	-	24.78	0.00	3475.04
MW - 6	02/22/08	3499.82	-	24.82	0.00	3475.00
MW - 6	03/05/08	3499.82	-	24.81	0.00	3475.01
MW - 6	05/15/08	3499.82	-	24.91	0.00	3474.91
MW - 6	06/23/08	3499.82	-	25.28	0.00	3474.54
MW - 6	08/18/08	3499.82	-	25.85	0.00	3473.97
MW - 6	09/17/08	3499.82	-	25.54	0.00	3474.28
MW - 6	09/29/08	3499.82	-	25.51	0.00	3474.31
MW - 6	10/06/08	3499.82	-	25.54	0.00	3474.28
MW - 6	10/13/08	3499.82	-	25.69	0.00	3474.13
MW - 6	10/20/08	3499.82	-	25.45	0.00	3474.37
MW - 6	10/29/08	3499.82	-	25.41	0.00	3474.41
MW - 6	11/05/08	3499.82	-	25.34	0.00	3474.48
MW - 6	11/10/08	3499.82	-	25.41	0.00	3474.41
MW - 6	11/13/08	3499.82	-	25.31	0.00	3474.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	12/03/08	3499.82	-	26.14	0.00	3473.68
MW - 6	12/16/08	3499.82	-	25.37	0.00	3474.45
MW - 6	12/30/08	3499.82	sheen	25.39	0.00	3474.43
MW - 6	02/11/09	3499.82	-	25.42	0.00	3474.40
MW - 6	02/24/09	3499.82	-	23.39	0.00	3476.43
MW - 6	03/04/09	3499.82	-	25.36	0.00	3474.46
MW - 6	03/17/09	3499.82	-	25.41	0.00	3474.41
MW - 6	03/25/09	3499.82	-	25.42	0.00	3474.40
MW - 6	04/08/09	3499.82	-	25.40	0.00	3474.42
MW - 6	04/15/09	3499.82	-	25.43	0.00	3474.39
MW - 6	04/29/09	3499.82	-	25.43	0.00	3474.39
MW - 6	05/13/09	3499.82	-	25.41	0.00	3474.41
MW - 6	06/10/09	3499.82	-	25.43	0.00	3474.39
MW - 6	06/12/09	3499.82	-	25.83	0.00	3473.99
MW - 6	06/18/09	3499.82	-	25.43	0.00	3474.39
MW - 6	07/02/09	3499.82	-	25.99	0.00	3473.83
MW - 6	07/08/09	3499.82	-	25.38	0.00	3474.44
MW - 6	07/14/09	3499.82	-	25.71	0.00	3474.11
MW - 6	07/20/09	3499.82	-	25.72	0.00	3474.10
MW - 6	07/27/09	3499.82	-	25.73	0.00	3474.09
MW - 6	08/03/09	3499.82	-	26.11	0.00	3473.71
MW - 6	08/10/09	3499.82	-	26.18	0.00	3473.64
MW - 6	08/11/09	3499.82	-	26.18	0.00	3473.64
MW - 6	08/24/09	3499.82	-	26.36	0.00	3473.46
MW - 6	08/31/09	3499.82	-	26.42	0.00	3473.40
MW - 6	09/03/09	3499.82	-	26.38	0.00	3473.44
MW - 6	09/08/09	3499.82	-	26.51	0.00	3473.31
MW - 6	09/10/09	3499.82	-	26.55	0.00	3473.27
MW - 6	09/16/09	3499.82	-	26.48	0.00	3473.34
MW - 6	09/22/09	3499.82	-	26.59	0.00	3473.23
MW - 6	09/29/09	3499.82	-	25.73	0.00	3474.09
MW - 6	10/02/09	3499.82	-	26.49	0.00	3473.33
MW - 6	10/07/09	3499.82	-	26.53	0.00	3473.29
MW - 6	10/12/09	3499.82	-	25.38	0.00	3474.44
MW - 6	10/16/09	3499.82	-	26.36	0.00	3473.46
MW - 6	10/20/09	3499.82	-	25.37	0.00	3474.45
MW - 6	10/26/09	3499.82	-	25.37	0.00	3474.45
MW - 6	10/28/09	3499.82	-	26.50	0.00	3473.32
MW - 6	11/04/09	3499.82	-	26.65	0.00	3473.17
MW - 6	11/12/09	3499.82	-	26.50	0.00	3473.32
MW - 6	11/23/09	3499.82	-	26.54	0.00	3473.28
MW - 6	12/03/09	3499.82	-	26.64	0.00	3473.18
MW - 6	12/16/09	3499.82	-	26.62	0.00	3473.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	12/21/09	3499.82	-	26.54	0.00	3473.28
MW - 6	12/28/09	3499.82	-	25.37	0.00	3474.45
MW - 6	01/05/10	3499.82	-	26.59	0.00	3473.23
MW - 6	01/20/10	3499.82	-	25.39	0.00	3474.43
MW - 6	01/25/10	3499.82	-	25.40	0.00	3474.42
MW - 6	01/27/10	3499.82	-	26.61	0.00	3473.21
MW - 6	02/10/10	3499.82	-	26.62	0.00	3473.20
MW - 6	03/01/10	3499.82	-	25.41	0.00	3474.41
MW - 6	03/09/10	3499.82	-	26.63	0.00	3473.19
MW - 6	03/11/10	3499.82	-	26.63	0.00	3473.19
MW - 6	05/25/10	3499.82	-	26.22	0.00	3473.60
MW - 6	06/07/10	3499.82	-	26.43	0.00	3473.39
MW - 6	06/12/10	3499.82	-	26.54	0.00	3473.28
MW - 6	06/25/10	3499.82	-	26.63	0.00	3473.19
MW - 6	07/07/10	3499.82	-	26.32	0.00	3473.50
MW - 6	07/12/10	3499.82	-	25.95	0.00	3473.87
MW - 6	08/03/10	3499.82	-	25.66	0.00	3474.16
MW - 6	08/13/10	3499.82	-	26.41	0.00	3473.41
MW - 6	08/19/10	3499.82	-	25.61	0.00	3474.21
MW - 6	08/25/10	3499.82	-	25.65	0.00	3474.17
MW - 6	09/01/10	3499.82	-	25.57	0.00	3474.25
MW - 6	09/09/10	3499.82	-	25.64	0.00	3474.18
MW - 6	09/13/10	3499.82	-	26.42	0.00	3473.40
MW - 6	09/26/10	3499.82	-	25.63	0.00	3474.19
MW - 6	10/05/10	3499.82	-	26.42	0.00	3473.40
MW - 6	10/25/10	3499.82	sheen	26.40	0.00	3473.42
MW - 6	11/03/10	3499.82	sheen	26.45	0.00	3473.37
MW - 6	11/10/10	3499.82	sheen	25.78	0.00	3474.04
MW - 6	11/17/10	3499.82	-	26.56	0.00	3473.26
MW - 6	12/09/10	3499.82	sheen	26.31	0.00	3473.51
MW - 6	01/18/11	3499.82	-	26.56	0.00	3473.26
MW - 6	02/22/11	3499.82	-	26.57	0.00	3473.25
MW - 6	03/01/11	3499.82	sheen	25.95	0.00	3473.87
MW - 6	03/07/11	3499.82	sheen	25.85	0.00	3473.97
MW - 6	03/22/11	3499.82	-	26.57	0.00	3473.25
MW - 6	04/27/11	3499.82	sheen	26.13	0.00	3473.69
MW - 6	05/05/11	3499.82	sheen	26.16	0.00	3473.66
MW - 6	05/10/11	3499.82	sheen	26.10	0.00	3473.72
MW - 6	05/17/11	3499.82	sheen	26.15	0.00	3473.67
MW - 6	05/17/11	3499.82	-	26.15	0.00	3473.67
MW - 6	05/24/11	3499.82	sheen	26.21	0.00	3473.61
MW - 6	06/07/11	3499.82	-	26.29	0.00	3473.53
MW - 6	06/14/11	3499.82	-	26.32	0.00	3473.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	06/23/11	3499.82	-	26.24	0.00	3473.58
MW - 6	06/28/11	3499.82	-	26.39	0.00	3473.43
MW - 6	07/06/11	3499.82	sheen	26.86	0.00	3472.96
MW - 6	07/14/11	3499.82	-	26.88	0.00	3472.94
MW - 6	07/27/11	3499.82	-	26.88	0.00	3472.94
MW - 6	08/03/11	3499.82	-	27.14	0.00	3472.68
MW - 6	08/11/11	3499.82	-	27.25	0.00	3472.57
MW - 6	08/18/11	3499.82	-	27.15	0.00	3472.67
MW - 6	08/25/11	3499.82	-	27.20	0.00	3472.62
MW - 6	09/02/11	3499.82	-	27.27	0.00	3472.55
MW - 6	09/09/11	3499.82	-	27.41	0.00	3472.41
MW - 6	11/08/11	3499.82	-	27.38	0.00	3472.44
MW - 6	12/28/11	3499.82	-	27.24	0.00	3472.58
MW - 6	01/05/12	3499.82	-	27.24	0.00	3472.58
MW - 6	01/18/12	3499.82	-	27.15	0.00	3472.67
MW - 6	01/27/12	3499.82	-	27.18	0.00	3472.64
MW - 6	02/02/12	3499.82	-	27.12	0.00	3472.70
MW - 6	02/10/12	3499.82	-	27.24	0.00	3472.58
MW - 6	02/15/12	3499.82	-	27.18	0.00	3472.64
MW - 6	03/01/12	3499.82	-	27.02	0.00	3472.80
MW - 6	03/07/12	3499.82	-	27.09	0.00	3472.73
MW - 6	03/14/12	3499.82	-	27.09	0.00	3472.73
MW - 6	03/19/12	3499.82	-	27.02	0.00	3472.80
MW - 6	03/26/12	3499.82	-	27.03	0.00	3472.79
MW - 6	04/04/12	3499.82	-	27.09	0.00	3472.73
MW - 6	04/11/12	3499.82	-	27.02	0.00	3472.80
MW - 6	04/17/12	3499.82	-	27.05	0.00	3472.77
MW - 6	04/25/12	3499.82	-	26.99	0.00	3472.83
MW - 6	05/23/12	3499.82	-	27.08	0.00	3472.74
MW - 6	05/31/12	3499.82	-	27.19	0.00	3472.63
MW - 6	06/06/12	3499.82	-	27.19	0.00	3472.63
MW - 6	06/13/12	3499.82	-	27.28	0.00	3472.54
MW - 6	06/20/12	3499.82	-	27.22	0.00	3472.60
MW - 6	07/11/12	3499.82	-	27.25	0.00	3472.57
MW - 6	07/18/12	3499.82	-	27.32	0.00	3472.50
MW - 6	08/02/12	3499.82	-	27.58	0.00	3472.24
MW - 6	08/09/12	3499.82	-	27.68	0.00	3472.14
MW - 6	08/16/12	3499.82	-	27.79	0.00	3472.03
MW - 6	10/02/12	3499.82	-	27.91	0.00	3471.91
MW - 6	10/10/12	3499.82	-	27.88	0.00	3471.94
MW - 6	10/17/12	3499.82	-	27.73	0.00	3472.09
MW - 6	10/26/12	3499.82	-	27.83	0.00	3471.99
MW - 6	11/01/12	3499.82	-	27.70	0.00	3472.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	11/19/12	3499.82	-	27.64	0.00	3472.18
MW - 6	12/13/12	3499.82	-	27.59	0.00	3472.23
MW - 6	12/18/12	3499.82	-	27.55	0.00	3472.27
MW - 6	01/08/13	3499.82	-	27.55	0.00	3472.27
MW - 6	01/16/13	3499.82	-	27.59	0.00	3472.23
MW - 6	01/24/13	3499.82	-	27.57	0.00	3472.25
MW - 6	01/30/13	3499.82	-	27.57	0.00	3472.25
MW - 6	02/12/13	3499.82	-	27.50	0.00	3472.32
MW - 6	03/19/13	3499.82	-	27.43	0.00	3472.39
MW - 6	04/02/13	3499.82	-	27.47	0.00	3472.35
MW - 6	04/08/13	3499.82	-	27.39	0.00	3472.43
MW - 6	04/16/13	3499.82	-	27.47	0.00	3472.35
MW - 6	04/23/13	3499.82	-	27.52	0.00	3472.30
MW - 6	05/01/13	3499.82	-	27.46	0.00	3472.36
MW - 6	05/08/13	3499.82	-	27.44	0.00	3472.38
MW - 6	05/15/13	3499.82	-	27.38	0.00	3472.44
MW - 6	05/17/13	3499.82	-	27.44	0.00	3472.38
MW - 6	05/23/13	3499.82	-	27.49	0.00	3472.33
MW - 6	05/29/13	3499.82	-	27.45	0.00	3472.37
MW - 6	06/12/13	3499.82	-	26.76	0.00	3473.06
MW - 6	06/19/13	3499.82	-	27.87	0.00	3471.95
MW - 6	06/27/13	3499.82	-	28.02	0.00	3471.80
MW - 6	07/02/13	3499.82	-	28.09	0.00	3471.73
MW - 6	07/08/13	3499.82	-	28.15	0.00	3471.67
MW - 6	07/15/13	3499.82	-	28.23	0.00	3471.59
MW - 6	07/23/13	3499.82	-	28.13	0.00	3471.69
MW - 6	07/29/13	3499.82	-	28.07	0.00	3471.75
MW - 6	08/07/13	3499.82	-	28.13	0.00	3471.69
MW - 6	08/15/13	3499.82	-	28.14	0.00	3471.68
MW - 6	08/20/13	3499.82	-	28.34	0.00	3471.48
MW - 6	08/28/13	3499.82	-	28.34	0.00	3471.48
MW - 6	09/05/13	3499.82	-	28.47	0.00	3471.35
MW - 6	09/09/13	3499.82	-	28.39	0.00	3471.43
MW - 6	09/18/13	3499.82	-	28.46	0.00	3471.36
MW - 6	09/28/13	3499.82	-	28.54	0.00	3471.28
MW - 6	10/01/13	3499.82	-	28.47	0.00	3471.35
MW - 6	10/08/13	3499.82	-	28.43	0.00	3471.39
MW - 6	10/14/13	3499.82	-	28.49	0.00	3471.33
MW - 6	10/23/13	3499.82	-	28.38	0.00	3471.44
MW - 6	10/29/13	3499.82	-	28.25	0.00	3471.57
MW - 6	11/16/13	3499.82	-	28.11	0.00	3471.71
MW - 6	11/27/13	3499.82	-	28.27	0.00	3471.55
MW - 6	12/02/13	3499.82	-	27.99	0.00	3471.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	12/14/13	3499.82	-	28.22	0.00	3471.60
MW - 6	12/19/13	3499.82	-	27.90	0.00	3471.92
MW - 6	12/24/13	3499.82	-	28.02	0.00	3471.80
MW - 6	01/02/14	3499.82	-	28.00	0.00	3471.82
MW - 6	01/07/14	3499.82	-	27.94	0.00	3471.88
MW - 6	01/14/14	3499.82	-	28.04	0.00	3471.78
MW - 6	01/21/14	3499.82	-	27.92	0.00	3471.90
MW - 6	01/31/14	3499.82	-	27.91	0.00	3471.91
MW - 6	02/10/14	3499.82	-	27.96	0.00	3471.86
MW - 6	02/27/14	3499.82	-	27.85	0.00	3471.97
MW - 6	03/06/14	3499.82	-	27.85	0.00	3471.97
MW - 6	03/13/14	3499.82	-	27.90	0.00	3471.92
MW - 6	03/25/14	3499.82	-	27.90	0.00	3471.92
MW - 6	04/03/14	3499.82	-	27.81	0.00	3472.01
MW - 6	04/07/14	3499.82	-	27.87	0.00	3471.95
MW - 6	04/14/14	3499.82	-	27.95	0.00	3471.87
MW - 6	04/23/14	3499.82	-	27.77	0.00	3472.05
MW - 6	04/28/14	3499.82	27.86	27.88	0.02	3471.96
MW - 6	05/05/14	3499.82	27.83	27.92	0.09	3471.98
MW - 6	05/14/14	3499.82	27.90	28.15	0.25	3471.88
MW - 6	05/22/14	3499.82	27.98	28.05	0.07	3471.83
MW - 6	05/28/14	3499.82	28.03	28.29	0.26	3471.75
MW - 6	06/02/14	3499.82	28.14	28.39	0.25	3471.64
MW - 6	06/12/14	3499.82	28.41	28.72	0.31	3471.36
MW - 6	06/17/14	3499.82	28.44	28.55	0.11	3471.36
MW - 6	06/25/14	3499.82	28.51	28.63	0.12	3471.29
MW - 6	06/30/14	3499.82	-	28.61	0.00	3471.21
MW - 6	07/11/14	3499.82	-	28.68	0.00	3471.14
MW - 6	07/14/14	3499.82	-	28.67	0.00	3471.15
MW - 6	07/22/14	3499.82	-	28.78	0.00	3471.04
MW - 6	07/23/14	3499.82	-	28.78	0.00	3471.04
MW - 6	08/05/14	3499.82	-	28.86	0.00	3470.96
MW - 6	08/12/14	3499.82	28.91	28.99	0.08	3470.90
MW - 6	08/13/14	3499.82	28.81	28.96	0.15	3470.99
MW - 6	08/27/14	3499.82	29.05	29.07	0.02	3470.77
MW - 6	09/17/14	3499.82	28.53	28.75	0.22	3471.26
MW - 6	09/23/14	3499.82	28.17	29.03	0.86	3471.52
MW - 6	10/10/14	3499.82	27.51	27.63	0.12	3472.29
MW - 6	10/15/14	3499.82	27.41	27.64	0.23	3472.38
MW - 6	10/16/14	3499.82	28.09	28.37	0.28	3471.69
MW - 6	10/20/14	3499.82	-	27.63	0.00	3472.19
MW - 6	10/24/14	3499.82	27.35	27.64	0.29	3472.43
MW - 6	10/27/14	3499.82	27.29	27.45	0.16	3472.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	11/04/14	3499.82	27.28	27.55	0.27	3472.50
MW - 6	11/06/14	3499.82	27.23	27.44	0.21	3472.56
MW - 6	11/11/14	3499.82	27.02	27.31	0.29	3472.76
MW - 6	11/18/14	3499.82	26.91	27.14	0.23	3472.88
MW - 6	12/02/14	3499.82	26.99	27.04	0.05	3472.82
MW - 6	12/09/14	3499.82	26.90	27.05	0.15	3472.90
MW - 6	12/11/14	3499.82	26.91	26.96	0.05	3472.90
MW - 6	12/17/14	3499.82	26.82	26.87	0.05	3472.99
MW - 6	12/23/14	3499.82	26.91	27.13	0.22	3472.88
MW - 6	12/30/14	3499.82	26.98	27.18	0.20	3472.81
MW - 6	01/06/15	3499.82	26.90	27.06	0.16	3472.90
MW - 6	01/07/15	3499.82	27.00	27.14	0.14	3472.80
MW - 6	01/09/15	3499.82	26.87	26.96	0.09	3472.94
MW - 6	01/13/15	3499.82	26.86	27.00	0.14	3472.94
MW - 6	01/16/15	3499.82	26.76	26.80	0.04	3473.05
MW - 6	01/21/15	3499.82	-	26.81	0.00	3473.01
MW - 6	01/26/15	3499.82	26.80	27.00	0.20	3472.99
MW - 6	02/03/15	3499.82	-	26.77	0.00	3473.05
MW - 6	02/05/15	3499.82	26.82	26.84	0.02	3473.00
MW - 6	02/16/15	3499.82	-	26.76	0.00	3473.06
MW - 6	02/17/15	3499.82	-	26.84	0.00	3472.98
MW - 6	03/04/15	3499.82	26.73	26.80	0.07	3473.08
MW - 6	03/06/15	3499.82	26.71	26.73	0.02	3473.11
MW - 6	03/10/15	3499.82	-	26.71	0.00	3473.11
MW - 6	03/12/15	3499.82	26.72	26.76	0.04	3473.09
MW - 6	03/16/15	3499.82	26.66	26.70	0.04	3473.15
MW - 6	03/18/15	3499.82	26.60	26.61	0.01	3473.22
MW - 6	03/23/15	3499.82	26.63	26.65	0.02	3473.19
MW - 6	03/25/15	3499.82	26.59	26.62	0.03	3473.23
MW - 6	03/31/15	3499.82	26.56	26.62	0.06	3473.25
MW - 6	04/03/15	3499.82	-	26.80	0.00	3473.02
MW - 6	04/06/15	3499.82	-	26.61	0.00	3473.21
MW - 6	04/09/15	3499.82	-	26.69	0.00	3473.13
MW - 6	04/13/15	3499.82	-	26.70	0.00	3473.12
MW - 6	04/16/15	3499.82	-	26.61	0.00	3473.21
MW - 6	04/22/15	3499.82	-	26.48	0.00	3473.34
MW - 6	04/24/15	3499.82	-	26.51	0.00	3473.31
MW - 6	05/01/15	3499.82	-	26.56	0.00	3473.26
MW - 6	05/11/15	3499.82	-	26.55	0.00	3473.27
MW - 6	05/14/15	3499.82	-	26.41	0.00	3473.41
MW - 6	05/21/15	3499.82	-	26.36	0.00	3473.46
MW - 6	05/29/15	3499.82	-	26.35	0.00	3473.47
MW - 6	06/03/15	3499.82	-	26.27	0.00	3473.55

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	06/04/15	3499.82	-	26.33	0.00	3473.49
MW - 6	06/09/15	3499.82	-	26.29	0.00	3473.53
MW - 6	06/17/15	3499.82	-	26.32	0.00	3473.50
MW - 6	06/18/15	3499.82	-	26.38	0.00	3473.44
MW - 6	06/23/15	3499.82	-	26.40	0.00	3473.42
MW - 6	06/29/15	3499.82	-	26.39	0.00	3473.43
MW - 6	07/01/15	3499.82	-	26.38	0.00	3473.44
MW - 6	07/07/15	3499.82	-	26.52	0.00	3473.30
MW - 6	07/09/15	3499.82	-	26.49	0.00	3473.33
MW - 6	07/13/15	3499.82	-	26.45	0.00	3473.37
MW - 6	07/15/15	3499.82	-	26.51	0.00	3473.31
MW - 6	07/20/15	3499.82	-	26.57	0.00	3473.25
MW - 6	07/21/15	3499.82	-	26.63	0.00	3473.19
MW - 6	07/28/15	3499.82	-	26.70	0.00	3473.12
MW - 6	07/30/15	3499.82	-	26.82	0.00	3473.00
MW - 6	08/03/15	3499.82	-	26.80	0.00	3473.02
MW - 6	08/04/15	3499.82	-	26.81	0.00	3473.01
MW - 6	08/07/15	3499.82	-	26.85	0.00	3472.97
MW - 6	08/11/15	3499.82	-	26.87	0.00	3472.95
MW - 6	08/12/15	3499.82	-	26.89	0.00	3472.93
MW - 6	08/18/15	3499.82	-	26.86	0.00	3472.96
MW - 6	08/20/15	3499.82	-	26.90	0.00	3472.92
MW - 6	08/25/15	3499.82	-	26.94	0.00	3472.88
MW - 6	08/26/15	3499.82	-	26.91	0.00	3472.91
MW - 6	08/31/15	3499.82	-	26.84	0.00	3472.98
MW - 6	09/02/15	3499.82	-	26.90	0.00	3472.92
MW - 6	10/22/15	3499.82	-	26.69	0.00	3473.13
MW - 6	10/27/15	3499.82	-	26.67	0.00	3473.15
MW - 6	11/05/15	3499.82	-	26.64	0.00	3473.18
MW - 6	11/11/15	3499.82	-	26.58	0.00	3473.24
MW - 6	11/17/15	3499.82	-	26.53	0.00	3473.29
MW - 6	12/01/15	3499.82	-	26.43	0.00	3473.39
MW - 6	12/03/15	3499.82	-	26.49	0.00	3473.33
MW - 6	12/09/15	3499.82	-	26.40	0.00	3473.42
MW - 6	01/06/16	3499.82	-	26.38	0.00	3473.44
MW - 6	01/11/16	3499.82	-	26.46	0.00	3473.36
MW - 6	01/13/16	3499.82	-	26.34	0.00	3473.48
MW - 6	01/15/16	3499.82	-	26.36	0.00	3473.46
MW - 6	01/27/16	3499.82	-	26.38	0.00	3473.44
MW - 6	01/29/16	3499.82	-	26.30	0.00	3473.52
MW - 6	02/02/16	3499.82	-	26.34	0.00	3473.48
MW - 6	02/04/16	3499.82	-	26.34	0.00	3473.48
MW - 6	02/10/16	3499.82	-	26.41	0.00	3473.41

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	02/17/16	3499.82	-	26.28	0.00	3473.54
MW - 6	02/19/16	3499.82	-	26.34	0.00	3473.48
MW - 6	03/03/16	3499.82	-	26.34	0.00	3473.48
MW - 6	03/10/16	3499.82	-	26.30	0.00	3473.52
MW - 6	03/11/16	3499.82	-	26.26	0.00	3473.56
MW - 6	03/16/16	3499.82	-	26.25	0.00	3473.57
MW - 6	03/29/16	3499.82	-	26.13	0.00	3473.69
MW - 6	04/12/16	3499.82	-	26.16	0.00	3473.66
MW - 6	04/15/16	3499.82	-	26.04	0.00	3473.78
MW - 6	04/19/16	3499.82	-	26.05	0.00	3473.77
MW - 6	04/29/16	3499.82	-	26.02	0.00	3473.80
MW - 6	05/04/16	3499.82	-	26.03	0.00	3473.79
MW - 6	05/13/16	3499.82	-	26.11	0.00	3473.71
MW - 6	05/18/16	3499.82	-	26.10	0.00	3473.72
MW - 6	05/25/16	3499.82	-	26.10	0.00	3473.72
MW - 6	06/02/16	3499.82	-	26.20	0.00	3473.62
MW - 6	06/06/16	3499.82	-	26.21	0.00	3473.61
MW - 6	06/28/16	3499.82	-	26.61	0.00	3473.21
MW - 6	07/05/16	3499.82	-	26.65	0.00	3473.17
MW - 6	07/14/16	3499.82	-	26.65	0.00	3473.17
MW - 6	07/21/16	3499.82	-	26.98	0.00	3472.84
MW - 6	07/25/16	3499.82	-	27.02	0.00	3472.80
MW - 6	08/01/16	3499.82	-	27.12	0.00	3472.70
MW - 6	08/09/16	3499.82	-	27.23	0.00	3472.59
MW - 6	08/15/16	3499.82	-	27.30	0.00	3472.52
MW - 6	08/18/16	3499.82	-	27.32	0.00	3472.50
MW - 6	08/22/16	3499.82	-	27.31	0.00	3472.51
MW - 6	08/31/16	3499.82	-	27.00	0.00	3472.82
MW - 6	09/06/16	3499.82	-	26.80	0.00	3473.02
MW - 6	09/12/16	3499.82	-	26.37	0.00	3473.45
MW - 6	09/19/16	3499.82	-	26.13	0.00	3473.69
MW - 6	09/26/16	3499.82	-	25.91	0.00	3473.91
MW - 6	10/06/16	3499.82	-	25.71	0.00	3474.11
MW - 6	10/17/16	3499.82	-	25.46	0.00	3474.36
MW - 6	10/25/16	3499.82	-	25.46	0.00	3474.36
MW - 6	11/03/16	3499.82	-	25.50	0.00	3474.32
MW - 6	11/08/16	3499.82	-	25.45	0.00	3474.37
MW - 6	11/15/16	3499.82	-	25.35	0.00	3474.47
MW - 6	11/22/16	3499.82	-	26.05	0.00	3473.77
MW - 6	12/05/16	3499.82	-	25.30	0.00	3474.52
MW - 6	12/13/16	3499.82	-	25.34	0.00	3474.48
MW - 6	12/22/16	3499.82	-	25.30	0.00	3474.52
MW - 6	12/27/16	3499.82	-	25.32	0.00	3474.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	01/04/17	3499.82	-	25.23	0.00	3474.59
MW - 6	01/13/17	3499.82	-	25.44	0.00	3474.38
MW - 6	01/17/17	3499.82	-	25.30	0.00	3474.52
MW - 6	01/24/17	3499.82	-	25.20	0.00	3474.62
MW - 6	01/31/17	3499.82	-	25.22	0.00	3474.60
MW - 6	02/07/17	3499.82	-	25.25	0.00	3474.57
MW - 6	02/16/17	3499.82	-	25.17	0.00	3474.65
MW - 6	02/20/17	3499.82	-	25.28	0.00	3474.54
MW - 6	03/01/17	3499.82	-	25.37	0.00	3474.45
MW - 6	03/06/17	3499.82	-	25.15	0.00	3474.67
MW - 6	03/14/17	3499.82	-	25.18	0.00	3474.64
MW - 6	03/24/17	3499.82	-	25.20	0.00	3474.62
MW - 6	03/31/17	3499.82	-	25.12	0.00	3474.70
MW - 6	04/04/17	3499.82	-	25.11	0.00	3474.71
MW - 6	04/13/17	3499.82	-	25.10	0.00	3474.72
MW - 6	04/19/17	3499.82	-	25.16	0.00	3474.66
MW - 6	04/28/17	3499.82	-	25.02	0.00	3474.80
MW - 6	05/01/17	3499.82	-	25.12	0.00	3474.70
MW - 6	05/11/17	3499.82	-	25.16	0.00	3474.66
MW - 6	05/18/17	3499.82	-	25.19	0.00	3474.63
MW - 6	05/23/17	3499.82	-	25.19	0.00	3474.63
MW - 6	06/06/17	3499.82	-	25.26	0.00	3474.56
MW - 6	06/12/17	3499.82	-	25.31	0.00	3474.51
MW - 6	06/23/17	3499.82	-	25.47	0.00	3474.35
MW - 6	07/03/17	3499.82	-	25.53	0.00	3474.29
MW - 6	07/14/17	3499.82	-	25.79	0.00	3474.03
MW - 6	07/19/17	3499.82	-	25.80	0.00	3474.02
MW - 6	07/25/17	3499.82	-	25.79	0.00	3474.03
MW - 6	08/14/17	3499.82	-	25.60	0.00	3474.22
MW - 6	08/21/17	3499.82	-	25.62	0.00	3474.20
MW - 6	08/30/17	3499.82	-	25.54	0.00	3474.28
MW - 6	09/06/17	3499.82	-	25.33	0.00	3474.49
MW - 6	09/12/17	3499.82	-	25.42	0.00	3474.40
MW - 6	09/27/17	3499.82	-	25.59	0.00	3474.23
MW - 6	10/04/17	3499.82	-	25.46	0.00	3474.36
MW - 6	10/11/17	3499.82	-	25.41	0.00	3474.41
MW - 6	10/17/17	3499.82	-	25.30	0.00	3474.52
MW - 6	10/23/17	3499.82	-	26.01	0.00	3473.81
MW - 6	10/30/17	3499.82	-	25.29	0.00	3474.53
MW - 6	11/10/17	3499.82	-	25.25	0.00	3474.57
MW - 6	11/15/17	3499.82	-	25.26	0.00	3474.56
MW - 6	12/04/17	3499.82	-	25.12	0.00	3474.70
MW - 6	12/22/17	3499.82	-	25.20	0.00	3474.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	12/29/17	3499.82	-	25.21	0.00	3474.61
MW - 6	01/02/18	3499.82	-	25.23	0.00	3474.59
MW - 6	01/12/18	3499.82	-	25.25	0.00	3474.57
MW - 6	01/17/18	3499.82	-	25.25	0.00	3474.57
MW - 6	01/23/18	3499.82	-	25.22	0.00	3474.60
MW - 6	01/29/18	3499.82	-	25.26	0.00	3474.56
MW - 6	02/05/18	3499.82	-	25.11	0.00	3474.71
MW - 6	02/14/18	3499.82	-	25.13	0.00	3474.69
MW - 6	02/20/18	3499.82	-	25.05	0.00	3474.77
MW - 6	03/02/18	3499.82	-	25.22	0.00	3474.60
MW - 6	03/13/18	3499.82	-	25.23	0.00	3474.59
MW - 6	03/23/18	3499.82	-	25.14	0.00	3474.68
MW - 6	03/28/18	3499.82	-	25.19	0.00	3474.63
MW - 6	04/05/18	3499.82	-	25.13	0.00	3474.69
MW - 6	04/13/18	3499.82	-	25.19	0.00	3474.63
MW - 6	04/27/18	3499.82	-	25.22	0.00	3474.60
MW - 6	05/04/18	3499.82	-	25.30	0.00	3474.52
MW - 6	05/11/18	3499.82	-	25.24	0.00	3474.58
MW - 6	05/16/18	3499.82	-	25.32	0.00	3474.50
MW - 6	05/25/18	3499.82	-	25.47	0.00	3474.35
MW - 6	06/05/18	3499.82	-	26.56	0.00	3473.26
MW - 6	06/15/18	3499.82	-	25.68	0.00	3474.14
MW - 6	06/19/18	3499.82	-	25.74	0.00	3474.08
MW - 6	06/26/18	3499.82	-	25.86	0.00	3473.96
MW - 6	06/29/18	3499.82	-	25.88	0.00	3473.94
MW - 6	07/10/18	3499.82	-	26.05	0.00	3473.77
MW - 6	07/16/18	3499.82	-	26.12	0.00	3473.70
MW - 6	08/10/18	3499.82	-	26.42	0.00	3473.40
MW - 6	08/14/18	3499.82	-	26.33	0.00	3473.49
MW - 6	08/23/18	3499.82	-	26.36	0.00	3473.46
MW - 6	08/31/18	3499.82	-	26.49	0.00	3473.33
MW - 6	09/05/18	3499.82	-	26.58	0.00	3473.24
MW - 6	09/10/18	3499.82	-	26.40	0.00	3473.42
MW - 6	09/21/18	3499.82	-	26.34	0.00	3473.48
MW - 6	09/27/18	3499.82	-	26.39	0.00	3473.43
MW - 6	10/05/18	3499.82	-	26.22	0.00	3473.60
MW - 6	10/08/18	3499.82	-	26.17	0.00	3473.65
MW - 6	10/11/18	3499.82	-	26.24	0.00	3473.58
MW - 6	10/15/18	3499.82	-	26.22	0.00	3473.60
MW - 6	10/19/18	3499.82	-	26.33	0.00	3473.49
MW - 6	10/26/18	3499.82	-	26.15	0.00	3473.67
MW - 6	11/02/18	3499.82	-	26.00	0.00	3473.82
MW - 6	11/06/18	3499.82	-	25.95	0.00	3473.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	11/13/18	3499.82	-	26.08	0.00	3473.74
MW - 6	11/21/18	3499.82	-	25.90	0.00	3473.92
MW - 6	11/29/18	3499.82	-	25.82	0.00	3474.00
MW - 6	12/07/18	3499.82	-	25.84	0.00	3473.98
MW - 6	12/14/18	3499.82	-	25.83	0.00	3473.99
MW - 6	12/20/18	3499.82	-	25.80	0.00	3474.02
MW - 6	12/28/18	3499.82	-	25.79	0.00	3474.03
MW - 6	01/03/19	3499.82	-	25.71	0.00	3474.11
MW - 6	01/11/19	3499.82	-	25.68	0.00	3474.14
MW - 6	01/15/19	3499.82	-	25.77	0.00	3474.05
MW - 6	01/23/19	3499.82	-	25.65	0.00	3474.17
MW - 6	01/29/19	3499.82	-	25.67	0.00	3474.15
MW - 6	02/07/19	3499.82	-	25.80	0.00	3474.02
MW - 6	02/14/19	3499.82	-	25.67	0.00	3474.15
MW - 6	03/04/19	3499.82	-	25.71	0.00	3474.11
MW - 6	03/11/19	3499.82	-	25.77	0.00	3474.05
MW - 6	03/27/19	3499.82	-	25.54	0.00	3474.28
MW - 6	03/29/19	3499.82	-	25.52	0.00	3474.30
MW - 6	04/02/19	3499.82	-	25.51	0.00	3474.31
MW - 6	04/12/19	3499.82	-	25.49	0.00	3474.33
MW - 6	04/18/19	3499.82	-	25.57	0.00	3474.25
MW - 6	04/25/19	3499.82	-	25.52	0.00	3474.30
MW - 6	05/02/19	3499.82	-	25.54	0.00	3474.28
MW - 6	05/10/19	3499.82	-	25.58	0.00	3474.24
MW - 6	05/14/19	3499.82	-	25.48	0.00	3474.34
MW - 6	05/20/19	3499.82	-	25.43	0.00	3474.39
MW - 6	05/27/19	3499.82	-	25.50	0.00	3474.32
MW - 6	06/06/19	3499.82	-	25.66	0.00	3474.16
MW - 6	06/07/19	3499.82	-	25.66	0.00	3474.16
MW - 6	06/13/19	3499.82	-	25.70	0.00	3474.12
MW - 6	06/19/19	3499.82	-	25.78	0.00	3474.04
MW - 6	07/01/19	3499.82	-	25.95	0.00	3473.87
MW - 6	07/09/19	3499.82	-	26.04	0.00	3473.78
MW - 6	07/17/19	3499.82	-	26.09	0.00	3473.73
MW - 6	07/19/19	3499.82	-	26.12	0.00	3473.70
MW - 6	07/23/19	3499.82	-	26.35	0.00	3473.47
MW - 6	08/06/19	3499.82	-	26.31	0.00	3473.51
MW - 6	08/22/19	3499.82	-	26.48	0.00	3473.34
MW - 6	08/30/19	3499.82	-	26.58	0.00	3473.24
MW - 6	09/10/19	3499.82	-	26.54	0.00	3473.28
MW - 6	09/20/19	3499.82	-	26.56	0.00	3473.26
MW - 6	10/04/19	3499.82	-	26.40	0.00	3473.42
MW - 6	10/09/19	3499.82	-	26.23	0.00	3473.59

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	10/16/19	3499.82	-	26.23	0.00	3473.59
MW - 6	10/23/19	3499.82	-	26.17	0.00	3473.65
MW - 6	11/04/19	3499.82	-	26.10	0.00	3473.72
MW - 6	12/04/19	3499.82	-	25.88	0.00	3473.94
MW - 6	12/16/19	3499.82	-	25.89	0.00	3473.93
MW - 6	12/30/19	3499.82	-	25.82	0.00	3474.00
MW - 6	01/09/20	3499.82	-	25.72	0.00	3474.10
MW - 6	01/14/20	3499.82	-	25.75	0.00	3474.07
MW - 6	01/30/20	3499.82	-	25.72	0.00	3474.10
MW - 6	02/03/20	3499.82	-	25.62	0.00	3474.20
MW - 6	02/12/20	3499.82	-	25.64	0.00	3474.18
MW - 6	05/15/20	3499.82	25.29	25.30	0.01	3474.53
MW - 6	06/19/20	3499.82	-	25.82	0.00	3474.00
MW - 6	06/25/20	3499.82	-	25.92	0.00	3473.90
MW - 6	07/23/20	3499.82	-	27.22	0.00	3472.60
MW - 6	07/28/20	3499.82	-	26.41	0.00	3473.41
MW - 6	08/07/20	3499.82	-	26.44	0.00	3473.38
MW - 6	08/19/20	3499.82	-	26.62	0.00	3473.20
MW - 6	09/11/20	3499.82	-	26.65	0.00	3473.17
MW - 6	09/29/20	3499.82	-	26.73	0.00	3473.09
MW - 6	10/13/20	3499.82	-	26.79	0.00	3473.03
MW - 6	10/30/20	3499.82	-	26.78	0.00	3473.04
MW - 6	11/11/20	3499.82	-	26.78	0.00	3473.04
MW - 6	12/14/20	3499.82	-	26.68	0.00	3473.14
MW - 6	12/30/20	3499.82	-	26.76	0.00	3473.06
MW - 6	01/15/21	3499.82	-	26.76	0.00	3473.06
MW - 6	01/21/21	3499.82	-	26.65	0.00	3473.17
MW - 6	02/23/21	3499.82	-	26.72	0.00	3473.10
MW - 6	03/05/21	3499.82	-	26.83	0.00	3472.99
MW - 6	03/17/21	3499.82	-	26.80	0.00	3473.02
MW - 6	04/16/21	3499.82	-	26.77	0.00	3473.05
MW - 6	05/27/21	3499.82	-	26.81	0.00	3473.01
MW - 6	07/26/21	3499.82	-	26.99	0.00	3472.83
MW - 6	07/27/21	3499.82	-	26.99	0.00	3472.83
MW - 6	09/29/21	3499.82	-	27.21	0.00	3472.61
MW - 6	10/13/21	3499.82	-	27.18	0.00	3472.64
MW - 6	10/29/21	3499.82	-	27.26	0.00	3472.56
MW - 6	11/24/21	3499.82	-	27.14	0.00	3472.68
MW - 6	12/02/21	3499.82	-	27.13	0.00	3472.69
MW - 7	06/07/02	3498.33	26.86	27.47	0.61	3471.38
MW - 7	09/27/02	3498.33	26.76	28.70	1.94	3471.28
MW - 7	10/29/02	3498.33	-	27.23	0.00	3471.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	11/07/02	3498.33	26.68	27.01	0.33	3471.60
MW - 7	12/04/02	3498.33	26.68	27.01	0.33	3471.60
MW - 7	01/07/03	3498.33	27.05	27.50	0.45	3471.21
MW - 7	01/27/03	3498.33	26.83	26.91	0.08	3471.49
MW - 7	02/25/03	3498.33	26.77	27.39	0.62	3471.47
MW - 7	03/06/03	3498.33	26.97	27.38	0.41	3471.30
MW - 7	03/11/03	3498.33	26.81	27.41	0.60	3471.43
MW - 7	03/20/03	3498.33	27.04	27.45	0.41	3471.23
MW - 7	03/25/03	3498.33	26.94	27.03	0.09	3471.38
MW - 7	04/02/03	3498.33	26.77	26.79	0.02	3471.56
MW - 7	04/16/03	3498.33	26.92	27.25	0.33	3471.36
MW - 7	04/23/03	3498.33	26.74	27.30	0.56	3471.51
MW - 7	04/29/03	3498.33	26.76	27.32	0.56	3471.49
MW - 7	05/15/03	3498.33	26.87	27.51	0.64	3471.36
MW - 7	05/22/03	3498.33	27.00	27.16	0.16	3471.31
MW - 7	05/28/03	3498.33	27.29	27.47	0.18	3471.01
MW - 7	06/04/03	3498.33	27.06	27.39	0.33	3471.22
MW - 7	06/10/03	3498.33	27.31	27.51	0.20	3470.99
MW - 7	06/26/03	3498.33	27.11	27.56	0.45	3471.15
MW - 7	07/07/03	3498.33	27.63	27.75	0.12	3470.68
MW - 7	07/30/03	3498.33	27.61	27.74	0.13	3470.70
MW - 7	08/05/03	3498.33	27.99	29.40	1.41	3470.13
MW - 7	08/21/03	3498.33	28.04	30.31	2.27	3469.95
MW - 7	08/26/03	3498.33	28.16	30.57	2.41	3469.81
MW - 7	09/08/03	3498.33	28.17	31.02	2.85	3469.73
MW - 7	09/15/03	3498.33	28.20	31.00	2.80	3469.71
MW - 7	09/24/03	3498.33	28.18	28.67	0.49	3470.08
MW - 7	10/02/03	3498.33	28.04	31.28	3.24	3469.80
MW - 7	10/08/03	3498.33	27.95	31.32	3.37	3469.87
MW - 7	10/16/03	3498.33	28.29	31.68	3.39	3469.53
MW - 7	10/28/03	3498.33	28.24	31.71	3.47	3469.57
MW - 7	11/11/03	3498.33	28.51	30.80	2.29	3469.48
MW - 7	11/18/03	3498.33	28.31	30.70	2.39	3469.66
MW - 7	11/25/03	3498.33	28.06	30.28	2.22	3469.94
MW - 7	12/08/03	3498.33	28.08	30.36	2.28	3469.91
MW - 7	01/27/04	3498.33	28.64	31.11	2.47	3469.32
MW - 7	02/02/04	3498.33	28.70	31.14	2.44	3469.26
MW - 7	02/10/04	3498.33	28.05	30.66	2.61	3469.89
MW - 7	02/20/04	3498.33	28.17	31.11	2.94	3469.72
MW - 7	03/04/04	3498.33	28.07	30.67	2.60	3469.87
MW - 7	03/16/04	3498.33	28.42	30.08	1.66	3469.66
MW - 7	03/25/04	3498.33	28.48	30.06	1.58	3469.61
MW - 7	03/31/04	3498.33	28.46	30.04	1.58	3469.63

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	04/01/04	3498.33	28.47	29.91	1.44	3469.64
MW - 7	04/08/04	3498.33	25.10	26.72	1.62	3472.99
MW - 7	04/14/04	3498.33	24.21	27.00	2.79	3473.70
MW - 7	04/16/04	3498.33	24.66	27.65	2.99	3473.22
MW - 7	04/22/04	3498.33	24.20	27.43	3.23	3473.65
MW - 7	04/29/04	3498.33	24.54	27.49	2.95	3473.35
MW - 7	05/05/04	3498.33	25.10	27.83	2.73	3472.82
MW - 7	05/10/04	3498.33	24.88	27.44	2.56	3473.07
MW - 7	06/08/04	3498.33	25.30	27.68	2.38	3472.67
MW - 7	06/17/04	3498.33	25.57	27.81	2.24	3472.42
MW - 7	06/22/04	3498.33	25.62	27.84	2.22	3472.38
MW - 7	06/25/04	3498.33	25.58	27.88	2.30	3472.41
MW - 7	06/29/04	3498.33	25.51	27.80	2.29	3472.48
MW - 7	07/01/04	3498.33	25.55	27.89	2.34	3472.43
MW - 7	07/08/04	3498.33	25.48	27.83	2.35	3472.50
MW - 7	07/13/04	3498.33	25.61	27.92	2.31	3472.37
MW - 7	07/20/04	3498.33	25.64	28.06	2.42	3472.33
MW - 7	08/04/04	3498.33	25.67	28.05	2.38	3472.30
MW - 7	08/10/04	3498.33	25.69	28.04	2.35	3472.29
MW - 7	08/17/04	3498.33	25.95	28.18	2.23	3472.05
MW - 7	08/23/04	3498.33	25.40	28.10	2.70	3472.53
MW - 7	08/25/04	3498.33	25.50	28.22	2.72	3472.42
MW - 7	08/31/04	3498.33	25.81	28.24	2.43	3472.16
MW - 7	09/13/04	3498.33	25.99	27.76	1.77	3472.07
MW - 7	09/20/04	3498.33	26.11	27.70	1.59	3471.98
MW - 7	09/30/04	3498.33	26.26	27.73	1.47	3471.85
MW - 7	10/04/04	3498.33	23.32	27.15	3.83	3474.44
MW - 7	10/11/04	3498.33	22.99	26.55	3.56	3474.81
MW - 7	10/18/04	3498.33	23.35	26.40	3.05	3474.52
MW - 7	10/27/04	3498.33	23.59	26.10	2.51	3474.36
MW - 7	11/02/04	3498.33	24.25	26.30	2.05	3473.77
MW - 7	11/08/04	3498.33	24.35	26.35	2.00	3473.68
MW - 7	11/15/04	3498.33	24.00	24.22	0.22	3474.30
MW - 7	11/23/04	3498.33	24.10	24.60	0.50	3474.16
MW - 7	12/01/04	3498.33	23.79	24.40	0.61	3474.45
MW - 7	12/02/04	3498.33	23.79	24.40	0.61	3474.45
MW - 7	12/08/04	3498.33	23.97	24.88	0.91	3474.22
MW - 7	12/14/04	3498.33	23.99	25.40	1.41	3474.13
MW - 7	12/21/04	3498.33	24.00	25.55	1.55	3474.10
MW - 7	12/29/04	3498.33	24.00	25.40	1.40	3474.12
MW - 7	01/11/05	3498.33	23.98	25.61	1.63	3474.11
MW - 7	01/18/05	3498.33	24.69	24.71	0.02	3473.64
MW - 7	01/21/05	3498.33	24.10	24.20	0.10	3474.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	01/25/05	3498.33	24.15	24.25	0.10	3474.17
MW - 7	01/28/05	3498.33	24.16	24.33	0.17	3474.14
MW - 7	02/02/05	3498.33	24.23	24.51	0.28	3474.06
MW - 7	02/05/05	3498.33	24.11	24.36	0.25	3474.18
MW - 7	02/08/05	3498.33	24.19	24.50	0.31	3474.09
MW - 7	02/11/05	3498.33	24.26	24.48	0.22	3474.04
MW - 7	02/15/05	3498.33	sheen	24.55	0.00	3473.78
MW - 7	02/18/05	3498.33	24.22	24.53	0.31	3474.06
MW - 7	02/22/05	3498.33	24.14	24.60	0.46	3474.12
MW - 7	02/25/05	3498.33	24.21	24.94	0.73	3474.01
MW - 7	03/01/05	3498.33	24.13	24.74	0.61	3474.11
MW - 7	03/04/05	3498.33	24.22	25.05	0.83	3473.99
MW - 7	03/08/05	3498.33	24.08	24.89	0.81	3474.13
MW - 7	03/10/05	3498.33	24.08	24.89	0.81	3474.13
MW - 7	03/11/05	3498.33	24.12	24.90	0.78	3474.09
MW - 7	03/15/05	3498.33	24.18	24.83	0.65	3474.05
MW - 7	03/19/05	3498.33	24.17	24.83	0.66	3474.06
MW - 7	03/22/05	3498.33	24.05	24.90	0.85	3474.15
MW - 7	03/28/05	3498.33	23.90	24.44	0.54	3474.35
MW - 7	04/01/05	3498.33	24.10	24.59	0.49	3474.16
MW - 7	04/05/05	3498.33	23.92	24.70	0.78	3474.29
MW - 7	04/08/05	3498.33	23.95	24.69	0.74	3474.27
MW - 7	04/12/05	3498.33	23.94	24.80	0.86	3474.26
MW - 7	04/15/05	3498.33	23.97	24.65	0.68	3474.26
MW - 7	05/25/05	3498.33	24.16	24.53	0.37	3474.11
MW - 7	06/03/05	3498.33	23.53	24.31	0.78	3474.68
MW - 7	06/06/05	3498.33	23.59	24.30	0.71	3474.63
MW - 7	06/10/05	3498.33	23.55	24.30	0.75	3474.67
MW - 7	06/13/05	3498.33	23.70	25.08	1.38	3474.42
MW - 7	06/20/05	3498.33	23.80	24.37	0.57	3474.44
MW - 7	06/24/05	3498.33	23.74	24.27	0.53	3474.51
MW - 7	06/27/05	3498.33	23.79	24.08	0.29	3474.50
MW - 7	07/18/05	3498.33	24.01	24.49	0.48	3474.25
MW - 7	07/25/05	3498.33	23.98	24.42	0.44	3474.28
MW - 7	08/01/05	3498.33	24.15	24.76	0.61	3474.09
MW - 7	08/04/05	3498.33	24.19	24.77	0.58	3474.05
MW - 7	08/10/05	3498.33	24.20	24.53	0.33	3474.08
MW - 7	08/16/05	3498.33	24.30	24.72	0.42	3473.97
MW - 7	08/23/05	3498.33	23.70	24.00	0.30	3474.59
MW - 7	08/29/05	3498.33	23.75	24.03	0.28	3474.54
MW - 7	09/06/05	3498.33	23.86	24.08	0.22	3474.44
MW - 7	09/09/05	3498.33	23.70	24.11	0.41	3474.57
MW - 7	09/12/05	3498.33	23.84	24.12	0.28	3474.45

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	09/19/05	3498.33	24.05	24.80	0.75	3474.17
MW - 7	09/27/05	3498.33	24.12	24.70	0.58	3474.12
MW - 7	10/03/05	3498.33	24.19	24.79	0.60	3474.05
MW - 7	10/10/05	3498.33	23.98	25.05	1.07	3474.19
MW - 7	10/17/05	3498.33	24.42	24.82	0.40	3473.85
MW - 7	10/24/05	3498.33	23.88	25.27	1.39	3474.24
MW - 7	11/01/05	3498.33	23.88	24.30	0.42	3474.39
MW - 7	11/08/05	3498.33	23.94	24.28	0.34	3474.34
MW - 7	11/15/05	3498.33	24.01	24.63	0.62	3474.23
MW - 7	11/22/05	3498.33	23.84	24.40	0.56	3474.41
MW - 7	11/27/05	3498.33	23.98	24.14	0.16	3474.33
MW - 7	12/05/05	3498.33	23.87	24.11	0.24	3474.42
MW - 7	12/07/05	3498.33	23.96	24.21	0.25	3474.33
MW - 7	12/16/05	3498.33	23.90	24.10	0.20	3474.40
MW - 7	12/29/05	3498.33	23.77	24.11	0.34	3474.51
MW - 7	01/03/06	3498.33	23.91	24.10	0.19	3474.39
MW - 7	01/09/06	3498.33	23.98	24.50	0.52	3474.27
MW - 7	01/16/06	3498.33	23.71	24.00	0.29	3474.58
MW - 7	01/23/06	3498.33	23.98	24.30	0.32	3474.30
MW - 7	01/30/06	3498.33	24.01	24.28	0.27	3474.28
MW - 7	02/07/06	3498.33	23.90	24.13	0.23	3474.40
MW - 7	02/09/06	3498.33	24.11	24.60	0.49	3474.15
MW - 7	02/14/06	3498.33	23.77	24.22	0.45	3474.49
MW - 7	02/21/06	3498.33	23.88	24.29	0.41	3474.39
MW - 7	02/27/06	3498.33	23.80	24.02	0.22	3474.50
MW - 7	03/06/06	3498.33	23.84	24.05	0.21	3474.46
MW - 7	03/09/06	3498.33	23.69	23.85	0.16	3474.62
MW - 7	03/17/06	3498.33	24.10	24.24	0.14	3474.21
MW - 7	03/21/06	3498.33	24.03	24.26	0.23	3474.27
MW - 7	03/28/06	3498.33	24.08	24.24	0.16	3474.23
MW - 7	04/03/06	3498.33	23.98	24.09	0.11	3474.33
MW - 7	04/10/06	3498.33	23.73	23.81	0.08	3474.59
MW - 7	04/17/06	3498.33	23.70	23.82	0.12	3474.61
MW - 7	05/01/06	3498.33	23.78	24.04	0.26	3474.51
MW - 7	05/08/06	3498.33	23.73	23.98	0.25	3474.56
MW - 7	05/15/06	3498.33	23.99	24.76	0.77	3474.22
MW - 7	06/01/06	3498.33	24.13	24.27	0.14	3474.18
MW - 7	06/05/06	3498.33	24.03	24.15	0.12	3474.28
MW - 7	06/08/06	3498.33	24.21	24.30	0.09	3474.11
MW - 7	06/12/06	3498.33	24.31	24.40	0.09	3474.01
MW - 7	07/03/06	3498.33	24.46	26.69	2.23	3473.54
MW - 7	07/10/06	3498.33	24.43	24.53	0.10	3473.89
MW - 7	07/17/06	3498.33	24.04	24.22	0.18	3474.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	07/26/06	3498.33	24.29	24.39	0.10	3474.03
MW - 7	07/31/06	3498.33	24.37	24.49	0.12	3473.94
MW - 7	08/07/06	3498.33	25.37	25.52	0.15	3472.94
MW - 7	08/17/06	3498.33	24.29	24.49	0.20	3474.01
MW - 7	08/21/06	3498.33	24.02	24.30	0.28	3474.27
MW - 7	09/06/06	3498.33	23.16	23.38	0.22	3475.14
MW - 7	09/11/06	3498.33	23.32	23.56	0.24	3474.97
MW - 7	09/15/06	3498.33	23.36	23.64	0.28	3474.93
MW - 7	10/02/06	3498.33	23.39	23.66	0.27	3474.90
MW - 7	10/09/06	3498.33	23.73	24.75	1.02	3474.45
MW - 7	10/17/06	3498.33	23.71	24.00	0.29	3474.58
MW - 7	10/23/06	3498.33	23.83	24.20	0.37	3474.44
MW - 7	10/30/06	3498.33	23.80	24.16	0.36	3474.48
MW - 7	11/06/06	3498.33	23.82	23.83	0.01	3474.51
MW - 7	11/13/06	3498.33	23.80	23.91	0.11	3474.51
MW - 7	11/20/06	3498.33	23.92	24.12	0.20	3474.38
MW - 7	11/27/06	3498.33	23.73	23.84	0.11	3474.58
MW - 7	11/29/06	3498.33	23.74	23.85	0.11	3474.57
MW - 7	12/04/06	3498.33	23.91	24.23	0.32	3474.37
MW - 7	12/12/06	3498.33	23.83	23.92	0.09	3474.49
MW - 7	12/18/06	3498.33	23.83	23.94	0.11	3474.48
MW - 7	01/04/07	3498.33	23.58	23.75	0.17	3474.72
MW - 7	01/11/07	3498.33	23.65	23.77	0.12	3474.66
MW - 7	01/18/07	3498.33	23.82	23.94	0.12	3474.49
MW - 7	01/22/07	3498.33	23.82	23.92	0.10	3474.50
MW - 7	01/31/07	3498.33	23.63	23.74	0.11	3474.68
MW - 7	02/07/07	3498.33	23.74	23.88	0.14	3474.57
MW - 7	02/14/07	3498.33	23.79	23.99	0.20	3474.51
MW - 7	02/26/07	3498.33	23.74	23.99	0.25	3474.55
MW - 7	03/07/07	3498.33	23.88	24.33	0.45	3474.38
MW - 7	04/03/07	3498.33	23.56	23.76	0.20	3474.74
MW - 7	04/09/07	3498.33	23.33	23.63	0.30	3474.96
MW - 7	04/17/07	3498.33	23.43	23.75	0.32	3474.85
MW - 7	05/01/07	3498.33	23.47	23.53	0.06	3474.85
MW - 7	05/07/07	3498.33	23.46	23.51	0.05	3474.86
MW - 7	05/17/07	3498.33	22.98	23.12	0.14	3475.33
MW - 7	05/21/07	3498.33	22.91	23.41	0.50	3475.35
MW - 7	05/22/07	3498.33	22.91	23.41	0.50	3475.35
MW - 7	06/01/07	3498.33	23.03	23.09	0.06	3475.29
MW - 7	06/06/07	3498.33	23.01	23.09	0.08	3475.31
MW - 7	06/11/07	3498.33	23.16	23.41	0.25	3475.13
MW - 7	06/19/07	3498.33	23.28	23.39	0.11	3475.03
MW - 7	06/25/07	3498.33	23.30	23.38	0.08	3475.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	07/03/07	3498.33	23.39	23.49	0.10	3474.93
MW - 7	07/23/07	3498.33	23.63	23.68	0.05	3474.69
MW - 7	07/30/07	3498.33	23.73	24.04	0.31	3474.55
MW - 7	08/06/07	3498.33	23.81	24.06	0.25	3474.48
MW - 7	08/13/07	3498.33	23.92	24.01	0.09	3474.40
MW - 7	08/16/07	3498.33	23.92	24.11	0.19	3474.38
MW - 7	08/27/07	3498.33	24.04	24.12	0.08	3474.28
MW - 7	09/07/07	3498.33	24.15	24.28	0.13	3474.16
MW - 7	09/13/07	3498.33	23.33	23.37	0.04	3474.99
MW - 7	09/18/07	3498.33	sheen	23.21	0.00	3475.12
MW - 7	09/24/07	3498.33	sheen	23.26	0.00	3475.07
MW - 7	10/01/07	3498.33	sheen	23.39	0.00	3474.94
MW - 7	10/08/07	3498.33	sheen	23.56	0.00	3474.77
MW - 7	10/15/07	3498.33	sheen	23.59	0.00	3474.74
MW - 7	11/05/07	3498.33	sheen	23.54	0.00	3474.79
MW - 7	11/07/07	3498.33	sheen	23.52	0.00	3474.81
MW - 7	11/12/07	3498.33	sheen	25.62	0.00	3472.71
MW - 7	11/19/07	3498.33	sheen	23.52	0.00	3474.81
MW - 7	11/28/07	3498.33	23.54	23.56	0.00	3474.77
MW - 7	12/03/07	3498.33	sheen	23.73	0.00	3474.60
MW - 7	12/14/07	3498.33	sheen	23.59	0.00	3474.74
MW - 7	01/09/08	3498.33	-	23.51	0.00	3474.82
MW - 7	01/16/08	3498.33	-	23.63	0.00	3474.70
MW - 7	01/23/08	3498.33	-	23.76	0.00	3474.57
MW - 7	02/08/08	3498.33	-	23.76	0.00	3474.57
MW - 7	02/12/08	3498.33	-	23.77	0.00	3474.56
MW - 7	02/22/08	3498.33	-	23.78	0.00	3474.55
MW - 7	02/22/08	3498.33	-	23.81	0.00	3474.52
MW - 7	03/19/08	3498.33	-	23.93	0.00	3474.40
MW - 7	04/03/08	3498.33	-	23.76	0.00	3474.57
MW - 7	04/14/08	3498.33	-	23.81	0.00	3474.52
MW - 7	05/14/08	3498.33	-	23.85	0.00	3474.48
MW - 7	06/09/08	3498.33	-	24.12	0.00	3474.21
MW - 7	06/23/08	3498.33	-	24.21	0.00	3474.12
MW - 7	07/22/08	3498.33	-	24.55	0.00	3473.78
MW - 7	08/04/08	3498.33	-	24.68	0.00	3473.65
MW - 7	08/18/08	3498.33	-	24.74	0.00	3473.59
MW - 7	09/02/08	3498.33	-	24.39	0.00	3473.94
MW - 7	09/17/08	3498.33	-	24.15	0.00	3474.18
MW - 7	09/29/08	3498.33	-	24.34	0.00	3473.99
MW - 7	10/06/08	3498.33	-	24.40	0.00	3473.93
MW - 7	10/13/08	3498.33	-	24.42	0.00	3473.91
MW - 7	10/20/08	3498.33	-	23.92	0.00	3474.41

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	10/29/08	3498.33	-	24.12	0.00	3474.21
MW - 7	11/05/08	3498.33	-	26.12	0.00	3472.21
MW - 7	11/10/08	3498.33	-	24.23	0.00	3474.10
MW - 7	11/13/08	3498.33	-	24.13	0.00	3474.20
MW - 7	12/03/08	3498.33	-	27.16	0.00	3471.17
MW - 7	12/16/08	3498.33	-	26.24	0.00	3472.09
MW - 7	12/30/08	3498.33	24.21	24.22	0.01	3474.12
MW - 7	02/11/09	3498.33	-	24.42	0.00	3473.91
MW - 7	02/24/09	3498.33	-	24.33	0.00	3474.00
MW - 7	03/04/09	3498.33	-	24.35	0.00	3473.98
MW - 7	03/17/09	3498.33	-	24.35	0.00	3473.98
MW - 7	03/25/09	3498.33	-	24.36	0.00	3473.97
MW - 7	04/08/09	3498.33	-	24.29	0.00	3474.04
MW - 7	04/15/09	3498.33	-	24.35	0.00	3473.98
MW - 7	04/29/09	3498.33	-	24.34	0.00	3473.99
MW - 7	05/13/09	3498.33	-	24.31	0.00	3474.02
MW - 7	06/01/09	3498.33	-	24.65	0.00	3473.68
MW - 7	06/10/09	3498.33	-	24.33	0.00	3474.00
MW - 7	06/12/09	3498.33	-	24.75	0.00	3473.58
MW - 7	06/18/09	3498.33	-	24.34	0.00	3473.99
MW - 7	06/24/09	3498.33	-	24.89	0.00	3473.44
MW - 7	07/02/09	3498.33	-	24.98	0.00	3473.35
MW - 7	07/08/09	3498.33	-	24.30	0.00	3474.03
MW - 7	07/14/09	3498.33	-	25.01	0.00	3473.32
MW - 7	07/20/09	3498.33	-	25.01	0.00	3473.32
MW - 7	07/27/09	3498.33	-	25.01	0.00	3473.32
MW - 7	08/03/09	3498.33	-	25.00	0.00	3473.33
MW - 7	08/10/09	3498.33	-	25.18	0.00	3473.15
MW - 7	08/11/09	3498.33	-	25.22	0.00	3473.11
MW - 7	08/18/09	3498.33	-	25.28	0.00	3473.05
MW - 7	08/24/09	3498.33	-	25.28	0.00	3473.05
MW - 7	08/31/09	3498.33	-	25.41	0.00	3472.92
MW - 7	09/03/09	3498.33	-	25.31	0.00	3473.02
MW - 7	09/08/09	3498.33	-	25.49	0.00	3472.84
MW - 7	09/10/09	3498.33	-	25.50	0.00	3472.83
MW - 7	09/16/09	3498.33	-	25.46	0.00	3472.87
MW - 7	09/22/09	3498.33	-	25.69	0.00	3472.64
MW - 7	09/29/09	3498.33	-	25.03	0.00	3473.30
MW - 7	10/02/09	3498.33	-	25.53	0.00	3472.80
MW - 7	10/07/09	3498.33	-	25.50	0.00	3472.83
MW - 7	10/12/09	3498.33	-	24.31	0.00	3474.02
MW - 7	10/16/09	3498.33	-	25.32	0.00	3473.01
MW - 7	10/20/09	3498.33	-	24.33	0.00	3474.00

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	10/26/09	3498.33	-	24.33	0.00	3474.00
MW - 7	10/28/09	3498.33	-	25.39	0.00	3472.94
MW - 7	11/04/09	3498.33	-	25.66	0.00	3472.67
MW - 7	11/12/09	3498.33	sheen	25.46	0.00	3472.87
MW - 7	11/23/09	3498.33	-	25.65	0.00	3472.68
MW - 7	12/03/09	3498.33	sheen	25.72	0.00	3472.61
MW - 7	12/16/09	3498.33	sheen	25.76	0.00	3472.57
MW - 7	12/21/09	3498.33	sheen	25.55	0.00	3472.78
MW - 7	12/28/09	3498.33	sheen	24.35	0.00	3473.98
MW - 7	01/05/10	3498.33	sheen	25.70	0.00	3472.63
MW - 7	01/20/10	3498.33	sheen	24.37	0.00	3473.96
MW - 7	01/25/10	3498.33	sheen	24.68	0.00	3473.65
MW - 7	01/27/10	3498.33	sheen	25.67	0.00	3472.66
MW - 7	02/10/10	3498.33	sheen	25.78	0.00	3472.55
MW - 7	03/01/10	3498.33	sheen	24.39	0.00	3473.94
MW - 7	03/09/10	3498.33	sheen	25.70	0.00	3472.63
MW - 7	03/11/10	3498.33	sheen	25.66	0.00	3472.67
MW - 7	05/25/10	3498.33	27.02	27.10	0.00	3471.23
MW - 7	06/07/10	3498.33	sheen	27.50	0.00	3470.83
MW - 7	06/12/10	3498.33	sheen	27.42	0.00	3470.91
MW - 7	06/25/10	3498.33	sheen	27.53	0.00	3470.80
MW - 7	07/07/10	3498.33	sheen	27.26	0.00	3471.07
MW - 7	07/12/10	3498.33	sheen	26.64	0.00	3471.69
MW - 7	08/03/10	3498.33	26.44	26.45	0.01	3471.89
MW - 7	08/13/10	3498.33	26.39	26.45	0.06	3471.93
MW - 7	08/19/10	3498.33	26.34	26.39	0.05	3471.98
MW - 7	08/25/10	3498.33	26.51	26.55	0.04	3471.81
MW - 7	09/01/10	3498.33	26.35	26.41	0.06	3471.97
MW - 7	09/09/10	3498.33	26.41	26.46	0.05	3471.91
MW - 7	09/13/10	3498.33	26.41	26.44	0.03	3471.92
MW - 7	09/29/10	3498.33	26.37	26.42	0.05	3471.95
MW - 7	10/05/10	3498.33	26.43	26.45	0.02	3471.90
MW - 7	10/25/10	3498.33	26.44	26.46	0.02	3471.89
MW - 7	11/03/10	3498.33	26.34	26.42	0.08	3471.98
MW - 7	11/10/10	3498.33	26.54	26.65	0.11	3471.77
MW - 7	11/17/10	3498.33	26.54	26.65	0.11	3471.77
MW - 7	12/09/10	3498.33	26.35	26.41	0.06	3471.97
MW - 7	01/18/11	3498.33	26.55	26.64	0.09	3471.77
MW - 7	02/22/11	3498.33	26.53	26.67	0.14	3471.78
MW - 7	03/01/11	3498.33	26.76	26.88	0.12	3471.55
MW - 7	03/07/11	3498.33	26.54	26.66	0.12	3471.77
MW - 7	03/22/11	3498.33	26.54	26.64	0.10	3471.78
MW - 7	04/27/11	3498.33	26.93	27.43	0.50	3471.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	05/05/11	3498.33	26.98	27.15	0.17	3471.32
MW - 7	05/10/11	3498.33	27.66	28.37	0.71	3470.56
MW - 7	05/17/11	3498.33	26.92	27.02	0.10	3471.40
MW - 7	05/17/11	3498.33	26.92	27.02	0.10	3471.40
MW - 7	05/24/11	3498.33	27.01	27.15	0.14	3471.30
MW - 7	06/07/11	3498.33	27.23	27.40	0.17	3471.07
MW - 7	06/14/11	3498.33	27.15	27.60	0.45	3471.11
MW - 7	06/23/11	3498.33	27.43	28.36	0.93	3470.76
MW - 7	06/28/11	3498.33	27.48	27.81	0.33	3470.80
MW - 7	07/06/11	3498.33	27.58	28.06	0.48	3470.68
MW - 7	07/14/11	3498.33	27.63	28.18	0.55	3470.62
MW - 7	07/27/11	3498.33	27.72	28.26	0.54	3470.53
MW - 7	08/03/11	3498.33	27.80	28.31	0.51	3470.45
MW - 7	08/11/11	3498.33	27.91	28.35	0.44	3470.35
MW - 7	08/18/11	3498.33	27.94	28.40	0.46	3470.32
MW - 7	08/25/11	3498.33	28.02	28.38	0.36	3470.26
MW - 7	09/02/11	3498.33	28.04	28.29	0.25	3470.25
MW - 7	09/09/11	3498.33	28.09	28.62	0.53	3470.16
MW - 7	11/08/11	3498.33	27.86	28.74	0.88	3470.34
MW - 7	12/28/11	3498.33	27.87	29.08	1.21	3470.28
MW - 7	01/05/12	3498.33	27.89	28.74	0.85	3470.31
MW - 7	01/18/12	3498.33	27.79	28.80	1.01	3470.39
MW - 7	01/27/12	3498.33	27.78	29.00	1.22	3470.37
MW - 7	02/02/12	3498.33	27.72	28.65	0.93	3470.47
MW - 7	02/10/12	3498.33	27.93	28.86	0.93	3470.26
MW - 7	02/15/12	3498.33	27.82	28.54	0.72	3470.40
MW - 7	03/01/12	3498.33	27.70	28.36	0.66	3470.53
MW - 7	03/07/12	3498.33	27.74	28.35	0.61	3470.50
MW - 7	03/14/12	3498.33	27.81	28.49	0.68	3470.42
MW - 7	03/26/12	3498.33	27.74	28.32	0.58	3470.50
MW - 7	04/11/12	3498.33	27.73	28.39	0.66	3470.50
MW - 7	04/17/12	3498.33	27.81	28.44	0.63	3470.43
MW - 7	04/25/12	3498.33	28.31	28.71	0.40	3469.96
MW - 7	05/23/12	3498.33	26.63	28.83	2.20	3471.37
MW - 7	06/06/12	3498.33	27.82	28.87	1.05	3470.35
MW - 7	06/13/12	3498.33	27.97	28.68	0.71	3470.25
MW - 7	06/20/12	3498.33	27.91	28.60	0.69	3470.32
MW - 7	07/11/12	3498.33	27.93	28.59	0.66	3470.30
MW - 7	07/18/12	3498.33	28.00	28.67	0.67	3470.23
MW - 7	08/02/12	3498.33	28.14	29.47	1.33	3469.99
MW - 7	08/09/12	3498.33	28.27	29.47	1.20	3469.88
MW - 7	08/16/12	3498.33	28.34	29.60	1.26	3469.80
MW - 7	10/02/12	3498.33	28.48	29.93	1.45	3469.63

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	10/10/12	3498.33	28.49	29.82	1.33	3469.64
MW - 7	10/17/12	3498.33	28.26	29.76	1.50	3469.85
MW - 7	10/26/12	3498.33	28.49	29.77	1.28	3469.65
MW - 7	11/01/12	3498.33	28.29	29.64	1.35	3469.84
MW - 7	11/19/12	3498.33	28.25	29.51	1.26	3469.89
MW - 7	12/13/12	3498.33	28.18	29.65	1.47	3469.93
MW - 7	12/18/12	3498.33	28.07	29.36	1.29	3470.07
MW - 7	01/08/13	3498.33	28.08	29.47	1.39	3470.04
MW - 7	01/24/13	3498.33	28.21	29.49	1.28	3469.93
MW - 7	01/30/13	3498.33	28.22	29.56	1.34	3469.91
MW - 7	02/12/13	3498.33	28.15	29.61	1.46	3469.96
MW - 7	03/19/13	3498.33	28.03	29.77	1.74	3470.04
MW - 7	04/02/13	3498.33	28.08	29.69	1.61	3470.01
MW - 7	04/08/13	3498.33	27.91	29.54	1.63	3470.18
MW - 7	04/16/13	3498.33	28.10	29.54	1.44	3470.01
MW - 7	04/23/13	3498.33	28.18	29.61	1.43	3469.94
MW - 7	05/01/13	3498.33	28.12	29.78	1.66	3469.96
MW - 7	05/08/13	3498.33	28.08	29.46	1.38	3470.04
MW - 7	05/15/13	3498.33	27.99	29.37	1.38	3470.13
MW - 7	05/17/13	3498.33	28.10	29.50	1.40	3470.02
MW - 7	05/23/13	3498.33	28.18	29.39	1.21	3469.97
MW - 7	05/29/13	3498.33	28.09	29.28	1.19	3470.06
MW - 7	06/12/13	3498.33	28.43	29.36	0.93	3469.76
MW - 7	06/19/13	3498.33	28.48	29.37	0.89	3469.72
MW - 7	06/27/13	3498.33	28.68	29.48	0.80	3469.53
MW - 7	07/02/13	3498.33	28.76	29.53	0.77	3469.45
MW - 7	07/08/13	3498.33	28.82	29.47	0.65	3469.41
MW - 7	07/15/13	3498.33	28.88	29.47	0.59	3469.36
MW - 7	07/23/13	3498.33	28.73	29.47	0.74	3469.49
MW - 7	07/29/13	3498.33	28.72	29.35	0.63	3469.52
MW - 7	08/07/13	3498.33	28.54	28.77	0.23	3469.76
MW - 7	08/15/13	3498.33	28.51	28.73	0.22	3469.79
MW - 7	08/20/13	3498.33	28.65	28.73	0.08	3469.67
MW - 7	08/28/13	3498.33	28.95	29.70	0.75	3469.27
MW - 7	09/05/13	3498.33	29.02	29.76	0.74	3469.20
MW - 7	09/09/13	3498.33	28.93	29.69	0.76	3469.29
MW - 7	09/18/13	3498.33	29.02	29.78	0.76	3469.20
MW - 7	09/28/13	3498.33	29.06	29.90	0.84	3469.14
MW - 7	10/01/13	3498.33	29.05	29.85	0.80	3469.16
MW - 7	10/08/13	3498.33	29.05	29.87	0.82	3469.16
MW - 7	10/14/13	3498.33	29.06	29.85	0.79	3469.15
MW - 7	10/23/13	3498.33	28.97	29.80	0.83	3469.24
MW - 7	10/29/13	3498.33	28.86	29.84	0.98	3469.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	11/16/13	3498.33	28.69	29.90	1.21	3469.46
MW - 7	11/27/13	3498.33	28.90	29.94	1.04	3469.27
MW - 7	12/02/13	3498.33	28.57	29.89	1.32	3469.56
MW - 7	12/14/13	3498.33	28.86	29.93	1.07	3469.31
MW - 7	12/19/13	3498.33	28.47	29.95	1.48	3469.64
MW - 7	12/24/13	3498.33	28.67	29.84	1.17	3469.48
MW - 7	01/02/14	3498.33	28.68	29.76	1.08	3469.49
MW - 7	01/07/14	3498.33	28.56	29.75	1.19	3469.59
MW - 7	01/14/14	3498.33	28.68	29.89	1.21	3469.47
MW - 7	01/21/14	3498.33	28.58	29.87	1.29	3469.56
MW - 7	01/31/14	3498.33	28.50	29.99	1.49	3469.61
MW - 7	02/10/14	3498.33	28.57	29.91	1.34	3469.56
MW - 7	02/27/14	3498.33	28.39	30.01	1.62	3469.70
MW - 7	03/06/14	3498.33	28.47	30.09	1.62	3469.62
MW - 7	03/13/14	3498.33	28.54	30.20	1.66	3469.54
MW - 7	03/25/14	3498.33	28.57	30.36	1.79	3469.49
MW - 7	04/03/14	3498.33	28.45	30.15	1.70	3469.63
MW - 7	04/07/14	3498.33	28.56	28.58	0.02	3469.77
MW - 7	04/14/14	3498.33	28.71	29.71	1.00	3469.47
MW - 7	04/23/14	3498.33	28.45	29.45	1.00	3469.73
MW - 7	04/28/14	3498.33	28.65	30.02	1.37	3469.47
MW - 7	05/05/14	3498.33	28.59	29.23	0.64	3469.64
MW - 7	05/14/14	3498.33	28.72	29.32	0.60	3469.52
MW - 7	05/22/14	3498.33	28.77	29.34	0.57	3469.47
MW - 7	05/28/14	3498.33	28.77	29.47	0.70	3469.46
MW - 7	06/02/14	3498.33	28.87	29.42	0.55	3469.38
MW - 7	06/12/14	3498.33	29.16	29.80	0.64	3469.07
MW - 7	06/17/14	3498.33	29.17	29.57	0.40	3469.10
MW - 7	06/25/14	3498.33	29.25	29.80	0.55	3469.00
MW - 7	06/30/14	3498.33	29.25	29.65	0.40	3469.02
MW - 7	07/11/14	3498.33	29.34	30.20	0.86	3468.86
MW - 7	07/14/14	3498.33	29.33	29.86	0.53	3468.92
MW - 7	07/22/14	3498.33	29.40	29.82	0.42	3468.87
MW - 7	07/23/14	3498.33	29.40	29.82	0.42	3468.87
MW - 7	08/05/14	3498.33	29.47	30.20	0.73	3468.75
MW - 7	08/12/14	3498.33	29.55	30.33	0.78	3468.66
MW - 7	08/13/14	3498.33	29.54	30.19	0.65	3468.69
MW - 7	08/27/14	3498.33	29.68	30.62	0.94	3468.51
MW - 7	09/17/14	3498.33	29.20	30.10	0.90	3469.00
MW - 7	09/23/14	3498.33	28.87	29.43	0.56	3469.38
MW - 7	10/10/14	3498.33	28.23	28.52	0.29	3470.06
MW - 7	10/15/14	3498.33	28.13	28.41	0.28	3470.16
MW - 7	10/16/14	3498.33	27.39	27.67	0.28	3470.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	10/24/14	3498.33	28.04	28.63	0.59	3470.20
MW - 7	10/27/14	3498.33	27.88	28.44	0.56	3470.37
MW - 7	11/04/14	3498.33	27.97	29.02	1.05	3470.20
MW - 7	11/06/14	3498.33	27.93	29.90	1.97	3470.10
MW - 7	11/11/14	3498.33	27.94	28.79	0.85	3470.26
MW - 7	11/18/14	3498.33	27.90	28.67	0.77	3470.31
MW - 7	12/02/14	3498.33	27.60	28.86	1.26	3470.54
MW - 7	12/09/14	3498.33	27.58	28.64	1.06	3470.59
MW - 7	12/11/14	3498.33	27.59	28.43	0.84	3470.61
MW - 7	12/17/14	3498.33	27.49	28.31	0.82	3470.72
MW - 7	12/23/14	3498.33	27.71	28.38	0.67	3470.52
MW - 7	12/30/14	3498.33	27.78	28.45	0.67	3470.45
MW - 7	01/06/15	3498.33	27.65	28.33	0.68	3470.58
MW - 7	01/07/15	3498.33	27.85	28.35	0.50	3470.41
MW - 7	01/09/15	3498.33	27.65	27.74	0.09	3470.67
MW - 7	01/13/15	3498.33	27.61	28.32	0.71	3470.61
MW - 7	01/16/15	3498.33	27.50	28.30	0.80	3470.71
MW - 7	01/21/15	3498.33	27.49	28.25	0.76	3470.73
MW - 7	01/26/15	3498.33	27.58	28.26	0.68	3470.65
MW - 7	02/03/15	3498.33	27.43	28.45	1.02	3470.75
MW - 7	02/05/15	3498.33	27.60	28.22	0.62	3470.64
MW - 7	02/16/15	3498.33	27.51	28.29	0.78	3470.70
MW - 7	02/17/15	3498.33	27.57	28.25	0.68	3470.66
MW - 7	03/04/15	3498.33	27.44	28.59	1.15	3470.72
MW - 7	03/06/15	3498.33	27.44	28.20	0.76	3470.78
MW - 7	03/10/15	3498.33	27.43	28.23	0.80	3470.78
MW - 7	03/12/15	3498.33	27.48	28.20	0.72	3470.74
MW - 7	03/16/15	3498.33	27.38	28.12	0.74	3470.84
MW - 7	03/18/15	3498.33	27.31	27.91	0.60	3470.93
MW - 7	03/23/15	3498.33	27.40	28.18	0.78	3470.81
MW - 7	03/25/15	3498.33	27.30	27.97	0.67	3470.93
MW - 7	03/31/15	3498.33	27.28	28.03	0.75	3470.94
MW - 7	04/03/15	3498.33	27.53	28.16	0.63	3470.71
MW - 7	04/06/15	3498.33	27.30	27.90	0.60	3470.94
MW - 7	04/09/15	3498.33	27.36	27.95	0.59	3470.88
MW - 7	04/13/15	3498.33	27.33	27.96	0.63	3470.91
MW - 7	04/16/15	3498.33	27.23	27.53	0.30	3471.06
MW - 7	04/22/15	3498.33	27.18	27.47	0.29	3471.11
MW - 7	04/24/15	3498.33	27.21	27.48	0.27	3471.08
MW - 7	05/01/15	3498.33	27.24	27.50	0.26	3471.05
MW - 7	05/11/15	3498.33	27.29	27.60	0.31	3470.99
MW - 7	05/14/15	3498.33	27.12	27.32	0.20	3471.18
MW - 7	05/21/15	3498.33	27.10	27.31	0.21	3471.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	05/29/15	3498.33	27.07	27.27	0.20	3471.23
MW - 7	06/03/15	3498.33	26.98	27.18	0.20	3471.32
MW - 7	06/04/15	3498.33	27.09	27.21	0.12	3471.22
MW - 7	06/09/15	3498.33	27.03	27.22	0.19	3471.27
MW - 7	06/17/15	3498.33	27.13	27.32	0.19	3471.17
MW - 7	06/18/15	3498.33	27.12	27.31	0.19	3471.18
MW - 7	06/23/15	3498.33	27.18	27.37	0.19	3471.12
MW - 7	06/29/15	3498.33	27.12	27.36	0.24	3471.17
MW - 7	07/01/15	3498.33	27.11	27.32	0.21	3471.19
MW - 7	07/07/15	3498.33	27.26	27.53	0.27	3471.03
MW - 7	07/09/15	3498.33	27.24	27.36	0.12	3471.07
MW - 7	07/13/15	3498.33	27.22	27.37	0.15	3471.09
MW - 7	07/15/15	3498.33	27.27	27.45	0.18	3471.03
MW - 7	07/20/15	3498.33	27.35	27.52	0.17	3470.95
MW - 7	07/21/15	3498.33	27.43	27.55	0.12	3470.88
MW - 7	07/28/15	3498.33	27.48	27.66	0.18	3470.82
MW - 7	07/30/15	3498.33	27.61	27.79	0.18	3470.69
MW - 7	08/03/15	3498.33	27.56	27.69	0.13	3470.75
MW - 7	08/04/15	3498.33	27.60	27.81	0.21	3470.70
MW - 7	08/07/15	3498.33	27.60	27.85	0.25	3470.69
MW - 7	08/11/15	3498.33	27.67	28.00	0.33	3470.61
MW - 7	08/12/15	3498.33	27.70	27.95	0.25	3470.59
MW - 7	08/18/15	3498.33	27.58	27.82	0.24	3470.71
MW - 7	08/20/15	3498.33	27.67	27.93	0.26	3470.62
MW - 7	08/25/15	3498.33	27.68	27.98	0.30	3470.61
MW - 7	08/26/15	3498.33	27.70	27.94	0.24	3470.59
MW - 7	08/31/15	3498.33	27.56	27.79	0.23	3470.74
MW - 7	09/02/15	3498.33	27.56	27.90	0.34	3470.72
MW - 7	09/09/15	3498.33	27.57	27.77	0.20	3470.73
MW - 7	09/15/15	3498.33	27.62	27.85	0.23	3470.68
MW - 7	09/21/15	3498.33	27.71	28.11	0.40	3470.56
MW - 7	10/01/15	3498.33	27.72	28.16	0.44	3470.54
MW - 7	10/05/15	3498.33	27.76	28.20	0.44	3470.50
MW - 7	10/08/15	3498.33	27.66	28.11	0.45	3470.60
MW - 7	10/12/15	3498.33	27.62	27.97	0.35	3470.66
MW - 7	10/15/15	3498.33	27.59	27.91	0.32	3470.69
MW - 7	10/21/15	3498.33	27.46	27.70	0.24	3470.83
MW - 7	10/22/15	3498.33	27.43	27.60	0.17	3470.87
MW - 7	10/27/15	3498.33	27.38	27.62	0.24	3470.91
MW - 7	11/05/15	3498.33	27.39	27.61	0.22	3470.91
MW - 7	11/11/15	3498.33	27.33	27.54	0.21	3470.97
MW - 7	11/17/15	3498.33	27.21	27.43	0.22	3471.09
MW - 7	11/25/15	3498.33	27.23	27.48	0.25	3471.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	12/01/15	3498.33	27.19	27.43	0.24	3471.10
MW - 7	12/03/15	3498.33	27.30	27.50	0.20	3471.00
MW - 7	12/07/15	3498.33	27.22	27.39	0.17	3471.08
MW - 7	12/09/15	3498.33	27.11	27.30	0.19	3471.19
MW - 7	12/15/15	3498.33	27.17	27.42	0.25	3471.12
MW - 7	12/24/15	3498.33	27.06	27.32	0.26	3471.23
MW - 7	01/04/16	3498.33	27.13	27.41	0.28	3471.16
MW - 7	01/06/16	3498.33	27.04	27.25	0.21	3471.26
MW - 7	01/11/16	3498.33	27.18	27.43	0.25	3471.11
MW - 7	01/13/16	3498.33	27.10	27.30	0.20	3471.20
MW - 7	01/15/16	3498.33	27.08	27.32	0.24	3471.21
MW - 7	01/18/16	3498.33	27.15	27.43	0.28	3471.14
MW - 7	01/27/16	3498.33	27.11	27.35	0.24	3471.18
MW - 7	01/29/16	3498.33	27.05	27.16	0.11	3471.26
MW - 7	02/02/16	3498.33	27.14	27.24	0.10	3471.18
MW - 7	02/04/16	3498.33	27.16	27.23	0.07	3471.16
MW - 7	02/08/16	3498.33	27.20	27.41	0.21	3471.10
MW - 7	02/10/16	3498.33	27.11	27.23	0.12	3471.20
MW - 7	02/17/16	3498.33	27.02	27.19	0.17	3471.28
MW - 7	02/19/16	3498.33	27.11	27.26	0.15	3471.20
MW - 7	03/01/16	3498.33	27.08	27.32	0.24	3471.21
MW - 7	03/03/16	3498.33	27.12	27.30	0.18	3471.18
MW - 7	03/10/16	3498.33	27.07	27.36	0.29	3471.22
MW - 7	03/11/16	3498.33	27.06	27.25	0.19	3471.24
MW - 7	03/14/16	3498.33	27.05	27.25	0.20	3471.25
MW - 7	03/16/16	3498.33	27.01	27.21	0.20	3471.29
MW - 7	03/21/16	3498.33	26.97	27.16	0.19	3471.33
MW - 7	03/29/16	3498.33	26.84	27.05	0.21	3471.46
MW - 7	04/05/16	3498.33	26.89	27.15	0.26	3471.40
MW - 7	04/12/16	3498.33	26.91	27.10	0.19	3471.39
MW - 7	04/15/16	3498.33	26.75	26.92	0.17	3471.55
MW - 7	04/19/16	3498.33	26.80	26.97	0.17	3471.50
MW - 7	04/29/16	3498.33	26.77	26.97	0.20	3471.53
MW - 7	05/04/16	3498.33	26.83	26.98	0.15	3471.48
MW - 7	05/13/16	3498.33	26.89	27.06	0.17	3471.41
MW - 7	05/18/16	3498.33	26.91	27.29	0.38	3471.36
MW - 7	05/25/16	3498.33	26.89	27.02	0.13	3471.42
MW - 7	06/02/16	3498.33	27.01	27.16	0.15	3471.30
MW - 7	06/06/16	3498.33	26.99	27.14	0.15	3471.32
MW - 7	06/23/16	3498.33	27.24	27.47	0.23	3471.06
MW - 7	06/28/16	3498.33	27.32	27.58	0.26	3470.97
MW - 7	07/05/16	3498.33	27.40	27.64	0.24	3470.89
MW - 7	07/14/16	3498.33	27.57	27.89	0.32	3470.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	07/21/16	3498.33	27.70	28.07	0.37	3470.57
MW - 7	07/25/16	3498.33	27.74	28.06	0.32	3470.54
MW - 7	08/01/16	3498.33	27.80	28.28	0.48	3470.46
MW - 7	08/09/16	3498.33	27.94	28.39	0.45	3470.32
MW - 7	08/15/16	3498.33	27.98	28.32	0.34	3470.30
MW - 7	08/18/16	3498.33	27.94	28.30	0.36	3470.34
MW - 7	08/22/16	3498.33	28.00	28.44	0.44	3470.26
MW - 7	08/31/16	3498.33	27.72	28.13	0.41	3470.55
MW - 7	09/06/16	3498.33	27.31	27.67	0.36	3470.97
MW - 7	09/12/16	3498.33	26.92	27.25	0.33	3471.36
MW - 7	09/19/16	3498.33	26.69	27.02	0.33	3471.59
MW - 7	09/26/16	3498.33	26.54	26.77	0.23	3471.76
MW - 7	10/06/16	3498.33	26.29	26.56	0.27	3472.00
MW - 7	10/17/16	3498.33	26.13	26.33	0.20	3472.17
MW - 7	10/25/16	3498.33	26.18	26.37	0.19	3472.12
MW - 7	11/03/16	3498.33	26.30	26.52	0.22	3472.00
MW - 7	11/08/16	3498.33	26.23	26.46	0.23	3472.07
MW - 7	11/15/16	3498.33	26.10	26.33	0.23	3472.20
MW - 7	11/22/16	3498.33	26.08	26.34	0.26	3472.21
MW - 7	12/05/16	3498.33	26.13	26.40	0.27	3472.16
MW - 7	12/13/16	3498.33	-	26.12	0.00	3472.21
MW - 7	12/22/16	3498.33	26.06	26.31	0.25	3472.23
MW - 7	12/27/16	3498.33	26.12	26.39	0.27	3472.17
MW - 7	01/04/17	3498.33	25.97	26.26	0.29	3472.32
MW - 7	01/13/17	3498.33	26.20	26.48	0.28	3472.09
MW - 7	01/17/17	3498.33	26.06	26.35	0.29	3472.23
MW - 7	01/24/17	3498.33	25.96	26.24	0.28	3472.33
MW - 7	01/31/17	3498.33	25.98	26.27	0.29	3472.31
MW - 7	02/07/17	3498.33	26.01	26.28	0.27	3472.28
MW - 7	02/16/17	3498.33	25.88	26.11	0.23	3472.42
MW - 7	02/20/17	3498.33	26.08	26.28	0.20	3472.22
MW - 7	03/01/17	3498.33	25.98	26.19	0.21	3472.32
MW - 7	03/06/17	3498.33	25.86	26.07	0.21	3472.44
MW - 7	03/14/17	3498.33	25.93	26.16	0.23	3472.37
MW - 7	03/24/17	3498.33	25.95	26.14	0.19	3472.35
MW - 7	03/31/17	3498.33	25.84	26.08	0.24	3472.45
MW - 7	04/04/17	3498.33	25.83	26.03	0.20	3472.47
MW - 7	04/19/17	3498.33	25.82	26.03	0.21	3472.48
MW - 7	04/28/17	3498.33	25.74	25.94	0.20	3472.56
MW - 7	05/01/17	3498.33	25.94	26.12	0.18	3472.36
MW - 7	05/23/17	3498.33	26.05	26.15	0.10	3472.27
MW - 7	06/01/17	3498.33	25.98	26.13	0.15	3472.33
MW - 7	06/06/17	3498.33	26.07	26.23	0.16	3472.24

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	06/12/17	3498.33	26.07	26.23	0.16	3472.24
MW - 7	06/23/17	3498.33	26.27	26.38	0.11	3472.04
MW - 7	07/03/17	3498.33	26.33	26.44	0.11	3471.98
MW - 7	07/14/17	3498.33	26.58	26.73	0.15	3471.73
MW - 7	07/19/17	3498.33	26.58	26.65	0.07	3471.74
MW - 7	07/25/17	3498.33	26.59	26.69	0.10	3471.73
MW - 7	08/15/17	3498.33	26.33	26.44	0.11	3471.98
MW - 7	08/21/17	3498.33	26.51	26.63	0.12	3471.80
MW - 7	08/30/17	3498.33	26.23	26.36	0.13	3472.08
MW - 7	09/06/17	3498.33	26.19	26.47	0.28	3472.10
MW - 7	09/12/17	3498.33	26.17	26.43	0.26	3472.12
MW - 7	09/27/17	3498.33	26.35	26.50	0.15	3471.96
MW - 7	10/04/17	3498.33	25.22	25.31	0.09	3473.10
MW - 7	10/11/17	3498.33	26.14	26.29	0.15	3472.17
MW - 7	10/17/17	3498.33	26.08	26.18	0.10	3472.24
MW - 7	10/23/17	3498.33	26.07	26.19	0.12	3472.24
MW - 7	10/30/17	3498.33	27.07	27.17	0.10	3471.25
MW - 7	11/10/17	3498.33	26.01	26.25	0.24	3472.28
MW - 7	11/15/17	3498.33	26.09	26.17	0.08	3472.23
MW - 7	11/20/17	3498.33	25.88	25.98	0.10	3472.44
MW - 7	11/30/17	3498.33	26.06	26.19	0.13	3472.25
MW - 7	12/04/17	3498.33	25.91	26.01	0.10	3472.41
MW - 7	12/11/17	3498.33	25.93	26.05	0.12	3472.38
MW - 7	12/14/17	3498.33	26.02	26.12	0.10	3472.30
MW - 7	12/22/17	3498.33	26.07	26.14	0.07	3472.25
MW - 7	12/27/17	3498.33	26.14	26.28	0.14	3472.17
MW - 7	12/29/17	3498.33	26.06	26.14	0.08	3472.26
MW - 7	01/02/18	3498.33	26.05	26.13	0.08	3472.27
MW - 7	01/12/18	3498.33	26.02	26.13	0.11	3472.29
MW - 7	01/17/18	3498.33	26.01	26.07	0.06	3472.31
MW - 7	01/23/18	3498.33	26.07	26.14	0.07	3472.25
MW - 7	01/29/18	3498.33	26.09	26.19	0.10	3472.23
MW - 7	02/05/18	3498.33	25.93	26.02	0.09	3472.39
MW - 7	02/14/18	3498.33	25.98	26.05	0.07	3472.34
MW - 7	02/19/18	3498.33	26.03	26.09	0.06	3472.29
MW - 7	03/02/18	3498.33	26.05	26.16	0.11	3472.26
MW - 7	03/09/18	3498.33	25.91	26.01	0.10	3472.41
MW - 7	03/13/18	3498.33	26.03	26.12	0.09	3472.29
MW - 7	03/13/18	3498.33	25.93	26.03	0.10	3472.39
MW - 7	03/28/18	3498.33	25.97	26.06	0.09	3472.35
MW - 7	04/05/18	3498.33	25.97	26.02	0.05	3472.35
MW - 7	04/13/18	3498.33	25.94	26.05	0.11	3472.37
MW - 7	04/19/18	3498.33	26.03	26.12	0.09	3472.29

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	04/24/18	3498.33	25.93	26.03	0.10	3472.39
MW - 7	04/27/18	3498.33	26.08	26.14	0.06	3472.24
MW - 7	05/04/18	3498.33	26.13	26.22	0.09	3472.19
MW - 7	05/11/18	3498.33	25.98	26.09	0.11	3472.33
MW - 7	05/16/18	3498.33	26.11	26.19	0.08	3472.21
MW - 7	05/25/18	3498.33	26.24	26.34	0.10	3472.08
MW - 7	06/01/18	3498.33	26.38	26.47	0.09	3471.94
MW - 7	06/05/18	3498.33	26.33	26.39	0.06	3471.99
MW - 7	06/15/18	3498.33	-	26.55	0.00	3471.78
MW - 7	06/19/18	3498.33	-	26.57	0.00	3471.76
MW - 7	06/26/18	3498.33	-	26.70	0.00	3471.63
MW - 7	06/29/18	3498.33	-	26.72	0.00	3471.61
MW - 7	07/02/18	3498.33	-	27.06	0.00	3471.27
MW - 7	07/10/18	3498.33	26.83	26.86	0.03	3471.50
MW - 7	07/16/18	3498.33	-	26.95	0.00	3471.38
MW - 7	07/24/18	3498.33	27.10	27.13	0.03	3471.23
MW - 7	07/31/18	3498.33	-	27.15	0.00	3471.18
MW - 7	08/10/18	3498.33	-	26.00	0.00	3472.33
MW - 7	08/15/18	3498.33	-	27.32	0.00	3471.01
MW - 7	08/23/18	3498.33	-	27.18	0.00	3471.15
MW - 7	08/31/18	3498.33	-	27.32	0.00	3471.01
MW - 7	09/05/18	3498.33	-	27.40	0.00	3470.93
MW - 7	09/10/18	3498.33	-	27.21	0.00	3471.12
MW - 7	09/27/18	3498.33	-	27.10	0.00	3471.23
MW - 7	09/21/18	3498.33	-	26.16	0.00	3472.17
MW - 7	10/05/18	3498.33	-	27.00	0.00	3471.33
MW - 7	10/08/18	3498.33	-	26.99	0.00	3471.34
MW - 7	10/11/18	3498.33	-	27.06	0.00	3471.27
MW - 7	10/15/18	3498.33	-	27.00	0.00	3471.33
MW - 7	10/19/18	3498.33	-	27.01	0.00	3471.32
MW - 7	10/26/18	3498.33	26.91	26.95	0.04	3471.41
MW - 7	11/02/18	3498.33	26.80	26.81	0.01	3471.53
MW - 7	11/06/18	3498.33	-	26.78	0.00	3471.55
MW - 7	11/13/18	3498.33	26.94	26.95	0.01	3471.39
MW - 7	11/21/18	3498.33	-	26.95	0.00	3471.38
MW - 7	11/29/18	3498.33	-	26.63	0.00	3471.70
MW - 7	12/07/18	3498.33	-	26.70	0.00	3471.63
MW - 7	12/14/18	3498.33	26.72	26.74	0.02	3471.61
MW - 7	12/20/18	3498.33	-	26.69	0.00	3471.64
MW - 7	12/28/18	3498.33	-	26.71	0.00	3471.62
MW - 7	01/03/19	3498.33	-	26.54	0.00	3471.79
MW - 7	01/11/19	3498.33	-	26.43	0.00	3471.90
MW - 7	01/15/19	3498.33	-	26.51	0.00	3471.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	01/23/19	3498.33	-	26.51	0.00	3471.82
MW - 7	01/29/19	3498.33	-	26.55	0.00	3471.78
MW - 7	02/07/19	3498.33	-	26.72	0.00	3471.61
MW - 7	02/14/19	3498.33	-	26.50	0.00	3471.83
MW - 7	03/05/19	3498.33	-	26.60	0.00	3471.73
MW - 7	03/11/19	3498.33	-	26.62	0.00	3471.71
MW - 7	03/27/19	3498.33	-	26.37	0.00	3471.96
MW - 7	03/29/19	3498.33	-	26.38	0.00	3471.95
MW - 7	04/02/19	3498.33	-	26.33	0.00	3472.00
MW - 7	04/12/19	3498.33	-	26.32	0.00	3472.01
MW - 7	04/18/19	3498.33	-	26.39	0.00	3471.94
MW - 7	04/25/19	3498.33	-	26.39	0.00	3471.94
MW - 7	05/02/19	3498.33	-	26.44	0.00	3471.89
MW - 7	05/10/19	3498.33	-	26.45	0.00	3471.88
MW - 7	05/14/19	3498.33	-	26.36	0.00	3471.97
MW - 7	05/20/19	3498.33	-	26.28	0.00	3472.05
MW - 7	05/27/19	3498.33	-	26.39	0.00	3471.94
MW - 7	06/06/19	3498.33	-	26.56	0.00	3471.77
MW - 7	06/07/19	3498.33	-	26.56	0.00	3471.77
MW - 7	06/13/19	3498.33	-	26.57	0.00	3471.76
MW - 7	06/19/19	3498.33	-	26.65	0.00	3471.68
MW - 7	07/01/19	3498.33	-	26.82	0.00	3471.51
MW - 7	07/09/19	3498.33	-	26.90	0.00	3471.43
MW - 7	07/17/19	3498.33	-	26.96	0.00	3471.37
MW - 7	07/19/19	3498.33	-	26.98	0.00	3471.35
MW - 7	07/23/19	3498.33	-	27.35	0.00	3470.98
MW - 7	07/31/19	3498.33	27.09	27.11	0.02	3471.24
MW - 7	08/06/19	3498.33	-	27.19	0.00	3471.14
MW - 7	08/14/19	3498.33	-	27.40	0.00	3470.93
MW - 7	08/22/19	3498.33	27.05	27.34	0.29	3471.24
MW - 7	08/30/19	3498.33		27.43	0.00	3470.90
MW - 7	09/10/19	3498.33	-	27.41	0.00	3470.92
MW - 7	09/20/19	3498.33	-	27.45	0.00	3470.88
MW - 7	09/23/19	3498.33	-	27.39	0.00	3470.94
MW - 7	10/02/19	3498.33	-	27.28	0.00	3471.05
MW - 7	10/04/19	3498.33	-	27.28	0.00	3471.05
MW - 7	10/09/19	3498.33	-	27.00	0.00	3471.33
MW - 7	10/16/19	3498.33	-	27.11	0.00	3471.22
MW - 7	10/23/19	3498.33	-	26.99	0.00	3471.34
MW - 7	11/01/19	3498.33	-	26.96	0.00	3471.37
MW - 7	11/04/19	3498.33	-	26.93	0.00	3471.40
MW - 7	11/12/19	3498.33	-	26.91	0.00	3471.42
MW - 7	11/21/19	3498.33	-	26.77	0.00	3471.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	12/04/19	3498.33	-	26.69	0.00	3471.64
MW - 7	12/10/19	3498.33	26.80	26.81	0.01	3471.53
MW - 7	12/16/19	3498.33	-	26.89	0.00	3471.44
MW - 7	12/30/19	3498.33	26.70	26.71	0.01	3471.63
MW - 7	01/09/20	3498.33	26.58	26.59	0.01	3471.75
MW - 7	01/14/20	3498.33	-	26.63	0.00	3471.70
MW - 7	01/23/20	3498.33	-	26.65	0.00	3471.68
MW - 7	01/30/20	3498.33	-	26.58	0.00	3471.75
MW - 7	02/03/20	3498.33	-	26.44	0.00	3471.89
MW - 7	02/13/20	3498.33	-	26.50	0.00	3471.83
MW - 7	02/19/20	3498.33	-	26.58	0.00	3471.75
MW - 7	02/24/20	3498.33	-	26.40	0.00	3471.93
MW - 7	03/05/20	3498.33	-	26.69	0.00	3471.64
MW - 7	03/13/20	3498.33	-	26.47	0.00	3471.86
MW - 7	05/15/20	3498.33	-	26.21	0.00	3472.12
MW - 7	06/19/20	3498.33	26.69	26.71	0.02	3471.64
MW - 7	06/25/20	3498.33	-	26.82	0.00	3471.51
MW - 7	07/23/20	3498.33	27.22	27.29	0.07	3471.10
MW - 7	07/28/20	3498.33	27.28	27.31	0.03	3471.05
MW - 7	08/10/20	3498.33	27.28	27.32	0.04	3471.04
MW - 7	08/19/20	3498.33	27.39	27.40	0.01	3470.94
MW - 7	09/11/20	3498.33	27.56	27.61	0.05	3470.76
MW - 7	09/29/20	3498.33	27.65	27.75	0.10	3470.67
MW - 7	10/13/20	3498.33	-	27.67	0.00	3470.66
MW - 7	10/30/20	3498.33	-	27.65	0.00	3470.68
MW - 7	11/11/20	3498.33	27.64	27.65	0.01	3470.69
MW - 7	12/14/20	3498.33	27.55	27.61	0.06	3470.77
MW - 7	12/30/20	3498.33	27.64	27.65	0.01	3470.69
MW - 7	01/15/21	3498.33	27.64	27.68	0.04	3470.68
MW - 7	01/21/21	3498.33	27.48	27.49	0.01	3470.85
MW - 7	02/23/21	3498.33	27.58	27.72	0.14	3470.73
MW - 7	03/05/21	3498.33	-	27.70	0.00	3470.63
MW - 7	03/18/21	3498.33	27.69	27.79	0.10	3470.63
MW - 7	04/16/21	3498.33	27.59	27.77	0.18	3470.71
MW - 7	05/20/21	3498.33	27.50	27.92	0.42	3470.77
MW - 7	05/28/21	3498.33	27.63	27.75	0.12	3470.68
MW - 7	07/26/21	3498.33	27.74	28.40	0.66	3470.49
MW - 7	07/27/21	3498.33	27.74	28.40	0.66	3470.49
MW - 7	09/29/21	3498.33	27.86	29.02	1.16	3470.30
MW - 7	10/13/21	3498.33	27.90	28.82	0.92	3470.29
MW - 7	11/24/21	3498.33	27.85	28.75	0.90	3470.35
MW - 7	12/01/21	3498.33	27.88	28.48	0.60	3470.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	06/07/02	3502.23	-	31.75	0.00	3470.48
MW - 8	09/27/02	3502.23	-	31.82	0.00	3470.41
MW - 8	12/04/02	3502.23	-	31.56	0.00	3470.67
MW - 8	02/25/03	3502.23	-	31.35	0.00	3470.88
MW - 8	05/22/03	3502.23	-	31.53	0.00	3470.70
MW - 8	08/26/03	3502.23	-	32.61	0.00	3469.62
MW - 8	11/25/03	3502.23	-	32.72	0.00	3469.51
MW - 8	02/10/04	3502.23	-	32.77	0.00	3469.46
MW - 8	05/10/04	3502.23	-	30.48	0.00	3471.75
MW - 8	08/25/04	3502.23	-	30.90	0.00	3471.33
MW - 8	12/01/04	3502.23	-	29.25	0.00	3472.98
MW - 8	03/10/05	3502.23	-	28.61	0.00	3473.62
MW - 8	06/10/05	3502.23	-	28.10	0.00	3474.13
MW - 8	09/09/05	3502.23	-	28.56	0.00	3473.67
MW - 8	12/05/05	3502.23	-	28.38	0.00	3473.85
MW - 8	03/09/06	3502.23	-	28.17	0.00	3474.06
MW - 8	09/15/06	3502.23	-	28.40	0.00	3473.83
MW - 8	11/29/06	3502.23	-	28.17	0.00	3474.06
MW - 8	02/26/07	3502.23	-	28.08	0.00	3474.15
MW - 8	05/21/07	3502.23	-	27.62	0.00	3474.61
MW - 8	08/16/07	3502.23	-	28.41	0.00	3473.82
MW - 8	11/07/07	3502.23	-	28.04	0.00	3474.19
MW - 8	02/12/08	3502.23	-	28.06	0.00	3474.17
MW - 8	05/15/08	3502.23	-	28.22	0.00	3474.01
MW - 8	08/18/08	3502.23	-	29.29	0.00	3472.94
MW - 8	11/13/08	3502.23	-	28.70	0.00	3473.53
MW - 8	02/11/09	3502.23	-	28.74	0.00	3473.49
MW - 8	05/13/09	3502.23	-	28.80	0.00	3473.43
MW - 8	08/11/09	3502.23	-	29.84	0.00	3472.39
MW - 8	11/23/09	3502.23	-	29.91	0.00	3472.32
MW - 8	01/05/10	3502.23	-	29.92	0.00	3472.31
MW - 8	02/10/10	3502.23	-	29.91	0.00	3472.32
MW - 8	05/25/10	3502.23	-	29.81	0.00	3472.42
MW - 8	08/13/10	3502.23	-	29.81	0.00	3472.42
MW - 8	11/17/10	3502.23	-	29.93	0.00	3472.30
MW - 8	02/22/11	3502.23	-	29.96	0.00	3472.27
MW - 8	05/17/11	3502.23	-	29.99	0.00	3472.24
MW - 8	08/11/11	3502.23	-	30.70	0.00	3471.53
MW - 8	11/08/11	3502.23	-	30.77	0.00	3471.46
MW - 8	03/01/12	3502.23	-	30.41	0.00	3471.82
MW - 8	05/23/12	3502.23	-	30.43	0.00	3471.80
MW - 8	08/09/12	3502.23	-	31.11	0.00	3471.12
MW - 8	11/19/12	3502.23	-	30.97	0.00	3471.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	02/12/13	3502.23	-	30.86	0.00	3471.37
MW - 8	05/15/13	3502.23	-	30.79	0.00	3471.44
MW - 8	08/07/13	3502.23	-	31.51	0.00	3470.72
MW - 8	11/27/13	3502.23	-	31.58	0.00	3470.65
MW - 8	02/10/14	3502.23	-	31.32	0.00	3470.91
MW - 8	05/22/14	3502.23	-	31.42	0.00	3470.81
MW - 8	07/22/14	3502.23	-	32.10	0.00	3470.13
MW - 8	08/13/14	3502.23	-	32.25	0.00	3469.98
MW - 8	10/27/14	3502.23	-	30.48	0.00	3471.75
MW - 8	11/06/14	3502.23	-	30.61	0.00	3471.62
MW - 8	01/09/15	3502.23	-	30.24	0.00	3471.99
MW - 8	02/17/15	3502.23	-	30.16	0.00	3472.07
MW - 8	03/31/15	3502.23	-	29.87	0.00	3472.36
MW - 8	05/14/15	3502.23	-	29.61	0.00	3472.62
MW - 8	07/09/15	3502.23	-	29.87	0.00	3472.36
MW - 8	08/04/15	3502.23	-	30.23	0.00	3472.00
MW - 8	11/16/15	3502.23	-	29.68	0.00	3472.55
MW - 8	01/15/16	3502.23	-	29.66	0.00	3472.57
MW - 8	02/10/16	3502.23	-	29.67	0.00	3472.56
MW - 8	04/15/16	3502.23	-	29.29	0.00	3472.94
MW - 8	05/24/16	3502.23	-	29.46	0.00	3472.77
MW - 8	06/28/16	3502.23	-	29.95	0.00	3472.28
MW - 8	07/21/16	3502.23	-	30.39	0.00	3471.84
MW - 8	08/18/16	3502.23	-	30.60	0.00	3471.63
MW - 8	10/25/16	3502.23	-	28.45	0.00	3473.78
MW - 8	11/22/16	3502.23	-	28.44	0.00	3473.79
MW - 8	12/27/16	3502.23	-	28.53	0.00	3473.70
MW - 8	01/24/17	3502.23	-	28.93	0.00	3473.30
MW - 8	02/28/17	3502.23	-	28.37	0.00	3473.86
MW - 8	04/19/17	3502.23	-	28.25	0.00	3473.98
MW - 8	05/18/17	3502.23	-	28.40	0.00	3473.83
MW - 8	06/12/17	3502.23	-	28.62	0.00	3473.61
MW - 8	07/25/17	3502.23	-	29.09	0.00	3473.14
MW - 8	08/14/17	3502.23	-	28.82	0.00	3473.41
MW - 8	10/17/17	3502.23	-	28.57	0.00	3473.66
MW - 8	11/15/17	3502.23	-	28.51	0.00	3473.72
MW - 8	12/22/17	3502.23	-	28.47	0.00	3473.76
MW - 8	01/17/18	3502.23	-	28.47	0.00	3473.76
MW - 8	02/19/18	3502.23	-	28.32	0.00	3473.91
MW - 8	03/28/18	3502.23	-	28.44	0.00	3473.79
MW - 8	04/27/18	3502.23	-	28.50	0.00	3473.73
MW - 8	05/15/18	3502.23	-	28.60	0.00	3473.63
MW - 8	06/29/18	3502.23	-	29.19	0.00	3473.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	07/16/18	3502.23	-	29.43	0.00	3472.80
MW - 8	08/14/18	3502.23	-	29.82	0.00	3472.41
MW - 8	11/28/18	3502.23	-	29.05	0.00	3473.18
MW - 8	12/14/18	3502.23	-	29.08	0.00	3473.15
MW - 8	01/29/19	3502.23	-	28.96	0.00	3473.27
MW - 8	03/04/19	3502.23	-	28.94	0.00	3473.29
MW - 8	03/29/19	3502.23	-	28.72	0.00	3473.51
MW - 8	04/18/19	3502.23	-	28.80	0.00	3473.43
MW - 8	05/13/19	3502.23	-	28.78	0.00	3473.45
MW - 8	06/06/19	3502.23	-	29.02	0.00	3473.21
MW - 8	07/17/19	3502.23	-	29.42	0.00	3472.81
MW - 8	09/10/19	3502.23	-	29.87	0.00	3472.36
MW - 8	10/16/19	3502.23	-	29.45	0.00	3472.78
MW - 8	12/03/19	3502.23	-	29.06	0.00	3473.17
MW - 8	12/30/19	3502.23	-	29.10	0.00	3473.13
MW - 8	01/14/20	3502.23	-	29.03	0.00	3473.20
MW - 8	02/13/20	3502.23	-	28.96	0.00	3473.27
MW - 8	05/15/20	3502.23	-	28.60	0.00	3473.63
MW - 8	06/24/20	3502.23	-	29.26	0.00	3472.97
MW - 8	07/28/20	3502.23	-	29.71	0.00	3472.52
MW - 8	08/18/20	3502.23	-	29.83	0.00	3472.40
MW - 8	09/11/20	3502.23	-	30.00	0.00	3472.23
MW - 8	10/30/20	3502.23	-	30.11	0.00	3472.12
MW - 8	11/10/20	3502.23	-	30.34	0.00	3471.89
MW - 8	12/30/20	3502.23	-	30.05	0.00	3472.18
MW - 8	01/21/21	3502.23	-	29.97	0.00	3472.26
MW - 8	03/17/21	3502.23	-	30.13	0.00	3472.10
MW - 8	05/26/21	3502.23	-	30.15	0.00	3472.08
MW - 8	07/26/21	3502.23	-	30.28	0.00	3471.95
MW - 8	09/28/21	3502.23	-	30.56	0.00	3471.67
MW - 8	10/13/21	3502.23	-	30.50	0.00	3471.73
MW - 8	12/01/21	3502.23	-	30.45	0.00	3471.78
MW - 9	06/07/02	3502.24	-	30.65	0.00	3471.59
MW - 9	09/27/02	3502.24	-	30.81	0.00	3471.43
MW - 9	12/04/02	3502.24	-	30.52	0.00	3471.72
MW - 9	02/25/03	3502.24	-	30.39	0.00	3471.85
MW - 9	05/22/03	3502.24	-	30.52	0.00	3471.72
MW - 9	08/26/03	3502.24	-	31.63	0.00	3470.61
MW - 9	11/25/03	3502.24	-	31.79	0.00	3470.45
MW - 9	02/10/04	3502.24	-	31.77	0.00	3470.47
MW - 9	05/10/04	3502.24	-	29.26	0.00	3472.98
MW - 9	08/25/04	3502.24	-	29.71	0.00	3472.53

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	12/01/04	3502.24	-	28.13	0.00	3474.11
MW - 9	03/10/05	3502.24	-	27.63	0.00	3474.61
MW - 9	06/10/05	3502.24	-	27.20	0.00	3475.04
MW - 9	09/09/05	3502.24	-	27.57	0.00	3474.67
MW - 9	12/05/05	3502.24	-	27.36	0.00	3474.88
MW - 9	03/09/06	3502.24	-	27.25	0.00	3474.99
MW - 9	06/08/06	3502.24	-	27.62	0.00	3474.62
MW - 9	09/15/06	3502.24	-	27.45	0.00	3474.79
MW - 9	11/29/06	3502.24	-	27.45	0.00	3474.79
MW - 9	02/26/07	3502.24	-	27.14	0.00	3475.10
MW - 9	05/21/07	3502.24	-	26.83	0.00	3475.41
MW - 9	08/16/07	3502.24	-	27.42	0.00	3474.82
MW - 9	11/07/07	3502.24	-	27.16	0.00	3475.08
MW - 9	02/12/08	3502.24	-	27.16	0.00	3475.08
MW - 9	05/15/08	3502.24	-	27.31	0.00	3474.93
MW - 9	08/18/08	3502.24	-	28.24	0.00	3474.00
MW - 9	11/13/08	3502.24	-	27.75	0.00	3474.49
MW - 9	02/11/09	3502.24	-	27.77	0.00	3474.47
MW - 9	05/13/09	3502.24	-	27.81	0.00	3474.43
MW - 9	08/11/09	3502.24	-	28.74	0.00	3473.50
MW - 9	11/23/09	3502.24	-	28.94	0.00	3473.30
MW - 9	01/05/09	3502.24	-	28.91	0.00	3473.33
MW - 9	02/10/10	3502.24	-	28.94	0.00	3473.30
MW - 9	05/25/10	3502.24	-	28.91	0.00	3473.33
MW - 9	08/13/10	3502.24	-	28.90	0.00	3473.34
MW - 9	11/17/10	3502.24	-	28.94	0.00	3473.30
MW - 9	02/22/11	3502.24	-	28.97	0.00	3473.27
MW - 9	05/17/11	3502.24	-	29.00	0.00	3473.24
MW - 9	08/11/11	3502.24	-	29.67	0.00	3472.57
MW - 9	11/08/11	3502.24	-	29.79	0.00	3472.45
MW - 9	03/01/12	3502.24	-	29.42	0.00	3472.82
MW - 9	05/23/12	3502.24	-	29.45	0.00	3472.79
MW - 9	08/09/12	3502.24	-	30.13	0.00	3472.11
MW - 9	11/19/12	3502.24	-	30.00	0.00	3472.24
MW - 9	02/12/13	3502.24	-	29.87	0.00	3472.37
MW - 9	05/15/13	3502.24	-	29.80	0.00	3472.44
MW - 9	08/07/13	3502.24	-	30.57	0.00	3471.67
MW - 9	11/27/13	3502.24	-	30.55	0.00	3471.69
MW - 9	02/10/14	3502.24	-	30.34	0.00	3471.90
MW - 9	05/22/14	3502.24	-	30.40	0.00	3471.84
MW - 9	07/22/14	3502.24	-	31.18	0.00	3471.06
MW - 9	08/13/14	3502.24	-	31.32	0.00	3470.92
MW - 9	10/27/14	3502.24	-	29.62	0.00	3472.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	11/06/14	3502.24	-	29.69	0.00	3472.55
MW - 9	01/09/15	3502.24	-	29.25	0.00	3472.99
MW - 9	01/21/15	3502.24	-	29.17	0.00	3473.07
MW - 9	02/17/15	3502.24	-	29.15	0.00	3473.09
MW - 9	03/31/15	3502.24	-	28.92	0.00	3473.32
MW - 9	05/14/15	3502.24	-	28.68	0.00	3473.56
MW - 9	07/09/15	3502.24	-	28.79	0.00	3473.45
MW - 9	08/04/15	3502.24	-	29.21	0.00	3473.03
MW - 9	11/16/15	3502.24	-	28.78	0.00	3473.46
MW - 9	01/15/16	3502.24	-	28.69	0.00	3473.55
MW - 9	02/10/16	3502.24	-	28.69	0.00	3473.55
MW - 9	04/15/16	3502.24	-	28.37	0.00	3473.87
MW - 9	05/24/16	3502.24	-	28.47	0.00	3473.77
MW - 9	06/28/16	3502.24	-	28.96	0.00	3473.28
MW - 9	07/21/16	3502.24	-	29.40	0.00	3472.84
MW - 9	08/18/16	3502.24	-	29.63	0.00	3472.61
MW - 9	10/25/16	3502.24	-	27.77	0.00	3474.47
MW - 9	11/22/16	3502.24	-	27.66	0.00	3474.58
MW - 9	12/27/16	3502.24	-	27.66	0.00	3474.58
MW - 9	01/24/17	3502.24	-	27.57	0.00	3474.67
MW - 9	02/28/17	3502.24	-	27.50	0.00	3474.74
MW - 9	04/19/17	3502.24	-	27.39	0.00	3474.85
MW - 9	05/18/17	3502.24	-	27.46	0.00	3474.78
MW - 9	06/12/17	3502.24	-	27.66	0.00	3474.58
MW - 9	07/25/17	3502.24	-	28.13	0.00	3474.11
MW - 9	08/14/17	3502.24	-	27.95	0.00	3474.29
MW - 9	10/17/17	3502.24	-	27.66	0.00	3474.58
MW - 9	11/15/17	3502.24	-	27.61	0.00	3474.63
MW - 9	12/22/17	3502.24	-	28.54	0.00	3473.70
MW - 9	01/17/18	3502.24	-	27.55	0.00	3474.69
MW - 9	02/19/18	3502.24	-	27.43	0.00	3474.81
MW - 9	03/28/18	3502.24	-	27.50	0.00	3474.74
MW - 9	04/27/18	3502.24	-	27.51	0.00	3474.73
MW - 9	05/15/18	3502.24	-	27.64	0.00	3474.60
MW - 9	06/29/18	3502.24	-	28.20	0.00	3474.04
MW - 9	07/16/18	3502.24	-	28.42	0.00	3473.82
MW - 9	08/14/18	3502.24	-	28.80	0.00	3473.44
MW - 9	11/28/18	3502.24	-	28.14	0.00	3474.10
MW - 9	12/14/18	3502.24	-	28.15	0.00	3474.09
MW - 9	01/29/19	3502.24	-	28.02	0.00	3474.22
MW - 9	03/04/19	3502.24	-	27.98	0.00	3474.26
MW - 9	03/29/19	3502.24	-	27.82	0.00	3474.42
MW - 9	04/18/19	3502.24	-	27.85	0.00	3474.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	05/13/19	3502.24	-	27.82	0.00	3474.42
MW - 9	06/06/19	3502.24	-	28.03	0.00	3474.21
MW - 9	07/17/19	3502.24	-	28.44	0.00	3473.80
MW - 9	09/10/19	3502.24	-	28.91	0.00	3473.33
MW - 9	10/16/19	3502.24	-	28.59	0.00	3473.65
MW - 9	12/03/19	3502.24	-	28.20	0.00	3474.04
MW - 9	12/30/19	3502.24	-	28.17	0.00	3474.07
MW - 9	01/14/20	3502.24	-	28.10	0.00	3474.14
MW - 9	02/12/20	3502.24	-	28.03	0.00	3474.21
MW - 9	05/15/20	3502.24	-	27.66	0.00	3474.58
MW - 9	06/24/20	3502.24	-	28.28	0.00	3473.96
MW - 9	07/28/20	3502.24	-	28.73	0.00	3473.51
MW - 9	08/18/20	3502.24	-	28.87	0.00	3473.37
MW - 9	09/11/20	3502.24	-	29.03	0.00	3473.21
MW - 9	10/30/20	3502.24	-	29.16	0.00	3473.08
MW - 9	11/10/20	3502.24	-	29.10	0.00	3473.14
MW - 9	12/30/20	3502.24	-	29.10	0.00	3473.14
MW - 9	01/21/21	3502.24	-	29.04	0.00	3473.20
MW - 9	03/17/21	3502.24	-	29.16	0.00	3473.08
MW - 9	05/26/21	3502.24	-	29.18	0.00	3473.06
MW - 9	07/26/21	3502.24	-	29.35	0.00	3472.89
MW - 9	09/28/21	3502.24	-	29.62	0.00	3472.62
MW - 9	10/13/21	3502.24	-	29.56	0.00	3472.68
MW - 9	12/01/21	3502.24	-	29.51	0.00	3472.73
MW - 10	06/07/02	3499.42	-	28.79	0.00	3470.63
MW - 10	09/27/02	3499.42	28.88	28.97	0.09	3470.53
MW - 10	10/29/02	3499.42	29.04	29.10	0.06	3470.37
MW - 10	11/07/02	3499.42	28.91	28.93	0.02	3470.51
MW - 10	12/04/02	3499.42	-	28.92	0.00	3470.50
MW - 10	01/07/03	3499.42	sheen	29.04	0.00	3470.38
MW - 10	01/27/03	3499.42	sheen	29.04	0.00	3470.38
MW - 10	02/26/03	3499.42	29.15	29.18	0.03	3470.27
MW - 10	03/06/03	3499.42	29.11	29.23	0.12	3470.29
MW - 10	03/11/03	3499.42	28.90	29.02	0.12	3470.50
MW - 10	03/20/03	3499.42	28.94	29.15	0.21	3470.45
MW - 10	04/02/03	3499.42	28.60	28.87	0.27	3470.78
MW - 10	04/16/03	3499.42	28.85	28.88	0.03	3470.57
MW - 10	04/23/03	3499.42	28.60	28.66	0.06	3470.81
MW - 10	04/29/03	3499.42	28.59	28.62	0.03	3470.83
MW - 10	05/15/03	3499.42	28.70	28.86	0.16	3470.70
MW - 10	05/22/03	3499.42	28.78	28.84	0.06	3470.63
MW - 10	05/28/03	3499.42	28.79	29.14	0.35	3470.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	06/04/03	3499.42	28.86	29.92	1.06	3470.40
MW - 10	06/10/03	3499.42	29.20	29.21	0.01	3470.22
MW - 10	06/26/03	3499.42	28.96	29.03	0.07	3470.45
MW - 10	07/07/03	3499.42	28.44	28.56	0.12	3470.96
MW - 10	07/30/03	3499.42	28.42	28.57	0.15	3470.98
MW - 10	08/05/03	3499.42	29.80	29.91	0.11	3469.60
MW - 10	08/21/03	3499.42	29.97	30.18	0.21	3469.42
MW - 10	08/26/03	3499.42	30.04	30.22	0.18	3469.35
MW - 10	09/08/03	3499.42	sheen	30.24	0.00	3469.18
MW - 10	09/15/03	3499.42	sheen	30.26	0.00	3469.16
MW - 10	09/24/03	3499.42	sheen	30.30	0.00	3469.12
MW - 10	10/02/03	3499.42	sheen	30.14	0.00	3469.28
MW - 10	10/08/03	3499.42	sheen	30.00	0.00	3469.42
MW - 10	10/16/03	3499.42	sheen	31.31	0.00	3468.11
MW - 10	10/28/03	3499.42	sheen	30.33	0.00	3469.09
MW - 10	11/11/03	3499.42	sheen	30.45	0.00	3468.97
MW - 10	11/18/03	3499.42	sheen	30.25	0.00	3469.17
MW - 10	11/25/03	3499.42	sheen	29.96	0.00	3469.46
MW - 10	12/08/03	3499.42	sheen	30.04	0.00	3469.38
MW - 10	01/27/04	3499.42	-	30.71	0.00	3468.71
MW - 10	02/02/04	3499.42	-	30.72	0.00	3468.70
MW - 10	02/10/04	3499.42	-	30.05	0.00	3469.37
MW - 10	02/20/04	3499.42	-	30.21	0.00	3469.21
MW - 10	03/04/04	3499.42	-	30.03	0.00	3469.39
MW - 10	03/16/04	3499.42	-	30.33	0.00	3469.09
MW - 10	03/25/04	3499.42	-	30.37	0.00	3469.05
MW - 10	03/31/04	3499.42	-	30.35	0.00	3469.07
MW - 10	04/01/04	3499.42	-	30.52	0.00	3468.90
MW - 10	04/08/04	3499.42	-	29.64	0.00	3469.78
MW - 10	04/14/04	3499.42	-	28.90	0.00	3470.52
MW - 10	04/16/04	3499.42	-	28.98	0.00	3470.44
MW - 10	04/22/04	3499.42	28.07	28.08	0.01	3471.35
MW - 10	04/29/04	3499.42	-	27.84	0.00	3471.58
MW - 10	05/05/04	3499.42	sheen	28.16	0.00	3471.26
MW - 10	05/10/04	3499.42	-	27.77	0.00	3471.65
MW - 10	06/08/04	3499.42	27.66	28.10	0.44	3471.69
MW - 10	06/17/04	3499.42	27.76	28.50	0.74	3471.55
MW - 10	06/22/04	3499.42	27.80	28.42	0.62	3471.53
MW - 10	06/25/04	3499.42	27.77	28.33	0.56	3471.57
MW - 10	06/29/04	3499.42	27.75	28.38	0.63	3471.58
MW - 10	07/01/04	3499.42	27.77	28.30	0.53	3471.57
MW - 10	07/08/04	3499.42	27.73	28.37	0.64	3471.59
MW - 10	07/13/04	3499.42	27.81	28.24	0.43	3471.55

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	12/02/04	3499.42	26.35	28.50	2.15	3472.75
MW - 10	12/08/04	3499.42	26.21	28.31	2.10	3472.90
MW - 10	12/14/04	3499.42	26.40	27.69	1.29	3472.83
MW - 10	12/21/04	3499.42	26.39	27.12	0.73	3472.92
MW - 10	12/29/04	3499.42	26.22	27.20	0.98	3473.05
MW - 10	01/11/05	3499.42	26.29	26.79	0.50	3473.06
MW - 10	01/14/05	3499.42	26.34	26.70	0.36	3473.03
MW - 10	01/18/05	3499.42	26.30	26.65	0.35	3473.07
MW - 10	01/21/05	3499.42	26.36	26.48	0.12	3473.04
MW - 10	01/25/05	3499.42	sheen	26.37	0.00	3473.05
MW - 10	01/28/05	3499.42	sheen	26.18	0.00	3473.24
MW - 10	02/02/05	3499.42	sheen	26.36	0.00	3473.06
MW - 10	02/05/05	3499.42	sheen	26.18	0.00	3473.24
MW - 10	02/08/05	3499.42	sheen	26.22	0.00	3473.20
MW - 10	02/11/05	3499.42	sheen	26.20	0.00	3473.22
MW - 10	02/15/05	3499.42	24.18	26.22	2.04	3474.93
MW - 10	02/18/05	3499.42	sheen	26.26	0.00	3473.16
MW - 10	02/22/05	3499.42	sheen	26.14	0.00	3473.28
MW - 10	02/25/05	3499.42	sheen	26.19	0.00	3473.23
MW - 10	03/01/05	3499.42	sheen	26.18	0.00	3473.24
MW - 10	03/04/05	3499.42	sheen	26.16	0.00	3473.26
MW - 10	03/08/05	3499.42	sheen	26.08	0.00	3473.34
MW - 10	03/10/05	3499.42	26.06	26.08	0.02	3473.36
MW - 10	03/11/05	3499.42	sheen	26.11	0.00	3473.31
MW - 10	03/15/05	3499.42	sheen	26.07	0.00	3473.35
MW - 10	03/19/05	3499.42	sheen	26.05	0.00	3473.37
MW - 10	03/22/05	3499.42	sheen	26.10	0.00	3473.32
MW - 10	03/28/05	3499.42	sheen	25.90	0.00	3473.52
MW - 10	04/01/05	3499.42	sheen	26.13	0.00	3473.29
MW - 10	04/05/05	3499.42	sheen	25.97	0.00	3473.45
MW - 10	04/08/05	3499.42	sheen	26.00	0.00	3473.42
MW - 10	04/12/05	3499.42	sheen	25.89	0.00	3473.53
MW - 10	04/15/05	3499.42	sheen	25.97	0.00	3473.45
MW - 10	05/25/05	3499.42	sheen	25.53	0.00	3473.89
MW - 10	06/03/05	3499.42	sheen	25.49	0.00	3473.93
MW - 10	06/06/05	3499.42	sheen	25.45	0.00	3473.97
MW - 10	06/10/05	3499.42	25.42	25.43	0.01	3474.00
MW - 10	06/13/05	3499.42	sheen	25.60	0.00	3473.82
MW - 10	06/20/05	3499.42	sheen	25.64	0.00	3473.78
MW - 10	06/24/05	3499.42	sheen	25.60	0.00	3473.82
MW - 10	06/27/05	3499.42	sheen	25.65	0.00	3473.77
MW - 10	07/18/05	3499.42	sheen	25.95	0.00	3473.47
MW - 10	07/25/05	3499.42	sheen	26.04	0.00	3473.38
MW - 10	08/01/05	3499.42	26.11	26.17	0.06	3473.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	08/04/05	3499.42	26.15	26.19	0.04	3473.26
MW - 10	08/16/05	3499.42	26.20	26.25	0.05	3473.21
MW - 10	08/23/05	3499.42	25.91	26.04	0.13	3473.49
MW - 10	08/29/05	3499.42	25.90	25.99	0.09	3473.51
MW - 10	09/06/05	3499.42	25.84	25.96	0.12	3473.56
MW - 10	09/09/05	3499.42	25.79	25.95	0.16	3473.61
MW - 10	09/12/05	3499.42	25.82	25.98	0.16	3473.58
MW - 10	09/19/05	3499.42	26.03	26.25	0.22	3473.36
MW - 10	09/27/05	3499.42	26.10	26.29	0.19	3473.29
MW - 10	10/03/05	3499.42	26.23	26.40	0.17	3473.16
MW - 10	10/10/05	3499.42	25.90	26.13	0.23	3473.49
MW - 10	10/17/05	3499.42	25.87	26.11	0.24	3473.51
MW - 10	10/24/05	3499.42	25.85	26.10	0.25	3473.53
MW - 10	11/01/05	3499.42	25.72	26.08	0.36	3473.65
MW - 10	11/08/05	3499.42	25.79	25.92	0.13	3473.61
MW - 10	11/15/05	3499.42	25.95	26.05	0.10	3473.46
MW - 10	11/22/05	3499.42	25.72	25.89	0.17	3473.67
MW - 10	11/27/05	3499.42	25.72	25.81	0.09	3473.69
MW - 10	12/05/05	3499.42	25.67	25.82	0.15	3473.73
MW - 10	12/07/05	3499.42	25.80	25.94	0.14	3473.60
MW - 10	12/16/05	3499.42	25.65	25.80	0.15	3473.75
MW - 10	12/29/05	3499.42	25.65	25.90	0.25	3473.73
MW - 10	01/03/06	3499.42	25.63	25.83	0.20	3473.76
MW - 10	01/09/06	3499.42	25.78	26.10	0.32	3473.59
MW - 10	01/16/06	3499.42	25.56	25.80	0.24	3473.82
MW - 10	01/23/06	3499.42	25.77	26.06	0.29	3473.61
MW - 10	01/30/06	3499.42	25.83	26.02	0.19	3473.56
MW - 10	02/07/06	3499.42	25.88	25.90	0.02	3473.54
MW - 10	02/14/06	3499.42	25.60	25.90	0.30	3473.78
MW - 10	02/21/06	3499.42	25.69	25.83	0.14	3473.71
MW - 10	02/27/06	3499.42	25.61	25.90	0.29	3473.77
MW - 10	03/06/06	3499.42	25.61	25.88	0.27	3473.77
MW - 10	03/09/06	3499.42	25.50	25.89	0.39	3473.86
MW - 10	03/17/06	3499.42	25.71	25.96	0.25	3473.67
MW - 10	03/21/06	3499.42	25.74	26.06	0.32	3473.63
MW - 10	03/28/06	3499.42	25.76	26.01	0.25	3473.62
MW - 10	04/03/06	3499.42	25.71	26.01	0.30	3473.67
MW - 10	04/17/06	3499.42	25.45	25.78	0.33	3473.92
MW - 10	05/01/06	3499.42	25.51	25.82	0.31	3473.86
MW - 10	05/08/06	3499.42	25.49	25.77	0.28	3473.89
MW - 10	05/15/06	3499.42	25.78	26.03	0.25	3473.60
MW - 10	06/01/06	3499.42	25.97	26.27	0.30	3473.41
MW - 10	06/05/06	3499.42	25.90	26.36	0.46	3473.45
MW - 10	06/08/06	3499.42	26.09	26.31	0.22	3473.30
MW - 10	06/12/06	3499.42	26.13	26.51	0.38	3473.23
MW - 10	06/19/06	3499.42	26.24	26.52	0.28	3473.14

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	07/31/06	3499.42	26.40	26.66	0.26	3472.98
MW - 10	09/06/06	3499.42	25.62	25.94	0.32	3473.75
MW - 10	09/11/06	3499.42	25.81	25.92	0.11	3473.59
MW - 10	09/15/06	3499.42	25.66	25.79	0.13	3473.74
MW - 10	11/29/06	3499.42	25.35	25.83	0.48	3474.00
MW - 10	01/11/07	3499.42	25.44	26.00	0.56	3473.90
MW - 10	01/22/07	3499.42	25.60	26.04	0.44	3473.75
MW - 10	02/14/07	3499.42	25.57	25.86	0.29	3473.81
MW - 10	02/26/07	3499.42	25.52	25.89	0.37	3473.84
MW - 10	04/03/07	3499.42	25.47	25.82	0.35	3473.90
MW - 10	04/09/07	3499.42	25.21	25.49	0.28	3474.17
MW - 10	04/17/07	3499.42	25.29	25.71	0.42	3474.07
MW - 10	05/01/07	3499.42	25.47	25.84	0.37	3473.89
MW - 10	05/17/07	3499.42	25.12	25.41	0.29	3474.26
MW - 10	05/21/07	3499.42	24.96	25.29	0.33	3474.41
MW - 10	05/22/07	3499.42	24.96	25.29	0.33	3474.41
MW - 10	06/01/07	3499.42	24.98	25.19	0.21	3474.41
MW - 10	06/06/07	3499.42	24.89	25.10	0.21	3474.50
MW - 10	06/11/07	3499.42	25.03	25.44	0.41	3474.33
MW - 10	06/19/07	3499.42	25.16	25.34	0.18	3474.23
MW - 10	06/25/07	3499.42	25.13	25.36	0.23	3474.26
MW - 10	07/03/07	3499.42	25.29	25.50	0.21	3474.10
MW - 10	07/23/07	3499.42	25.49	25.70	0.21	3473.90
MW - 10	07/30/07	3499.42	25.66	25.88	0.22	3473.73
MW - 10	08/06/07	3499.42	25.63	25.94	0.31	3473.74
MW - 10	08/13/07	3499.42	25.77	25.95	0.18	3473.62
MW - 10	08/16/07	3499.42	25.81	25.92	0.11	3473.59
MW - 10	08/27/07	3499.42	25.92	26.09	0.17	3473.47
MW - 10	09/07/07	3499.42	26.02	26.19	0.17	3473.37
MW - 10	09/13/07	3499.42	25.72	25.76	0.04	3473.69
MW - 10	09/18/07	3499.42	sheen	25.94	0.00	3473.48
MW - 10	09/22/07	3499.42	sheen	25.71	0.00	3473.71
MW - 10	09/24/07	3499.42	sheen	25.67	0.00	3473.75
MW - 10	10/01/07	3499.42	sheen	25.64	0.00	3473.78
MW - 10	10/08/07	3499.42	sheen	25.69	0.00	3473.73
MW - 10	10/15/07	3499.42	sheen	25.63	0.00	3473.79
MW - 10	11/05/07	3499.42	sheen	25.62	0.00	3473.80
MW - 10	11/07/07	3499.42	sheen	25.57	0.00	3473.85
MW - 10	11/12/07	3499.42	sheen	25.76	0.00	3473.66
MW - 10	11/19/07	3499.42	sheen	25.55	0.00	3473.87
MW - 10	11/28/07	3499.42	sheen	25.65	0.00	3473.77
MW - 10	12/03/07	3499.42	sheen	25.61	0.00	3473.81
MW - 10	12/12/07	3499.42	sheen	25.56	0.00	3473.86
MW - 10	01/09/08	3499.42	sheen	25.50	0.00	3473.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	01/16/08	3499.42	25.47	25.51	0.04	3473.94
MW - 10	01/23/08	3499.42	-	25.58	0.00	3473.84
MW - 10	02/08/08	3499.42	-	25.71	0.00	3473.71
MW - 10	02/12/08	3499.42	-	25.61	0.00	3473.81
MW - 10	03/05/08	3499.42	-	25.67	0.00	3473.75
MW - 10	04/02/08	3499.42	-	25.70	0.00	3473.72
MW - 10	04/14/08	3499.42	-	25.69	0.00	3473.73
MW - 10	05/14/08	3499.42	-	25.70	0.00	3473.72
MW - 10	06/09/08	3499.42	-	25.98	0.00	3473.44
MW - 10	06/23/08	3499.42	-	26.08	0.00	3473.34
MW - 10	07/22/08	3499.42	-	26.59	0.00	3472.83
MW - 10	08/04/08	3499.42	-	26.66	0.00	3472.76
MW - 10	08/18/08	3499.42	-	26.75	0.00	3472.67
MW - 10	09/02/08	3499.42	-	26.62	0.00	3472.80
MW - 10	09/17/08	3499.42	-	26.44	0.00	3472.98
MW - 10	09/29/08	3499.42	-	26.33	0.00	3473.09
MW - 10	10/06/08	3499.42	-	26.41	0.00	3473.01
MW - 10	10/13/08	3499.42	-	26.52	0.00	3472.90
MW - 10	10/20/08	3499.42	-	26.34	0.00	3473.08
MW - 10	10/29/08	3499.42	-	26.24	0.00	3473.18
MW - 10	11/05/08	3499.42	-	26.15	0.00	3473.27
MW - 10	11/10/08	3499.42	-	26.18	0.00	3473.24
MW - 10	11/13/08	3499.42	-	26.15	0.00	3473.27
MW - 10	12/03/08	3499.42	-	26.32	0.00	3473.10
MW - 10	12/16/08	3499.42	-	25.53	0.00	3473.89
MW - 10	12/30/08	3499.42	sheen	25.12	0.00	3474.30
MW - 10	02/11/09	3499.42	-	26.41	0.00	3473.01
MW - 10	02/24/09	3499.42	-	26.41	0.00	3473.01
MW - 10	03/04/09	3499.42	-	26.38	0.00	3473.04
MW - 10	03/17/09	3499.42	-	26.44	0.00	3472.98
MW - 10	03/25/09	3499.42	-	26.31	0.00	3473.11
MW - 10	04/08/09	3499.42	-	26.18	0.00	3473.24
MW - 10	04/15/09	3499.42	-	26.43	0.00	3472.99
MW - 10	04/29/09	3499.42	-	26.41	0.00	3473.01
MW - 10	05/13/09	3499.42	-	26.35	0.00	3473.07
MW - 10	06/01/09	3499.42	-	26.59	0.00	3472.83
MW - 10	06/10/09	3499.42	-	26.37	0.00	3473.05
MW - 10	06/12/09	3499.42	-	26.73	0.00	3472.69
MW - 10	06/18/09	3499.42	-	26.35	0.00	3473.07
MW - 10	06/24/09	3499.42	-	26.88	0.00	3472.54
MW - 10	07/02/09	3499.42	-	26.85	0.00	3472.57
MW - 10	07/08/09	3499.42	-	26.38	0.00	3473.04
MW - 10	07/14/09	3499.42	-	27.02	0.00	3472.40

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	07/20/09	3499.42	-	27.03	0.00	3472.39
MW - 10	07/27/09	3499.42	-	27.04	0.00	3472.38
MW - 10	08/03/09	3499.42	-	26.96	0.00	3472.46
MW - 10	08/10/09	3499.42	-	27.10	0.00	3472.32
MW - 10	08/11/09	3499.42	-	27.10	0.00	3472.32
MW - 10	08/18/09	3499.42	-	27.16	0.00	3472.26
MW - 10	08/24/09	3499.42	-	27.21	0.00	3472.21
MW - 10	08/31/09	3499.42	-	27.30	0.00	3472.12
MW - 10	09/03/09	3499.42	-	27.23	0.00	3472.19
MW - 10	09/08/09	3499.42	-	27.33	0.00	3472.09
MW - 10	09/10/09	3499.42	-	27.40	0.00	3472.02
MW - 10	09/16/09	3499.42	-	27.32	0.00	3472.10
MW - 10	09/22/09	3499.42	-	27.45	0.00	3471.97
MW - 10	09/29/09	3499.42	-	27.05	0.00	3472.37
MW - 10	10/02/09	3499.42	-	27.23	0.00	3472.19
MW - 10	10/07/09	3499.42	-	27.32	0.00	3472.10
MW - 10	10/12/09	3499.42	-	26.38	0.00	3473.04
MW - 10	10/16/09	3499.42	-	27.28	0.00	3472.14
MW - 10	10/20/09	3499.42	-	26.39	0.00	3473.03
MW - 10	10/26/09	3499.42	-	26.39	0.00	3473.03
MW - 10	10/28/09	3499.42	-	27.24	0.00	3472.18
MW - 10	11/04/09	3499.42	-	27.43	0.00	3471.99
MW - 10	11/12/09	3499.42	-	27.25	0.00	3472.17
MW - 10	11/23/09	3499.42	-	27.32	0.00	3472.10
MW - 10	12/03/09	3499.42	-	27.42	0.00	3472.00
MW - 10	12/16/09	3499.42	-	27.41	0.00	3472.01
MW - 10	12/21/09	3499.42	-	27.35	0.00	3472.07
MW - 10	12/28/09	3499.42	-	26.38	0.00	3473.04
MW - 10	01/05/10	3499.42	-	27.42	0.00	3472.00
MW - 10	01/20/10	3499.42	-	26.36	0.00	3473.06
MW - 10	01/25/10	3499.42	-	26.35	0.00	3473.07
MW - 10	01/27/10	3499.42	-	27.41	0.00	3472.01
MW - 10	02/10/10	3499.42	-	27.45	0.00	3471.97
MW - 10	03/01/10	3499.42	-	26.34	0.00	3473.08
MW - 10	03/09/10	3499.42	-	26.41	0.00	3473.01
MW - 10	03/11/10	3499.42	-	27.43	0.00	3471.99
MW - 10	05/25/10	3499.42	-	26.82	0.00	3472.60
MW - 10	06/07/10	3499.42	-	27.26	0.00	3472.16
MW - 10	06/12/10	3499.42	-	27.32	0.00	3472.10
MW - 10	06/25/10	3499.42	-	27.32	0.00	3472.10
MW - 10	07/07/10	3499.42	-	27.08	0.00	3472.34
MW - 10	07/12/10	3499.42	-	25.59	0.00	3473.83
MW - 10	08/03/10	3499.42	-	26.32	0.00	3473.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	08/13/10	3499.42	-	26.31	0.00	3473.11
MW - 10	08/19/10	3499.42	-	26.26	0.00	3473.16
MW - 10	08/25/10	3499.42	-	26.31	0.00	3473.11
MW - 10	09/01/10	3499.42	-	26.24	0.00	3473.18
MW - 10	09/09/10	3499.42	-	26.23	0.00	3473.19
MW - 10	09/13/10	3499.42	-	26.31	0.00	3473.11
MW - 10	09/29/10	3499.42	-	26.28	0.00	3473.14
MW - 10	10/05/10	3499.42	-	26.32	0.00	3473.10
MW - 10	10/25/10	3499.42	sheen	26.34	0.00	3473.08
MW - 10	11/03/10	3499.42	sheen	26.30	0.00	3473.12
MW - 10	11/10/10	3499.42	sheen	26.53	0.00	3472.89
MW - 10	11/18/10	3499.42	sheen	26.53	0.00	3472.89
MW - 10	12/09/10	3499.42	sheen	26.36	0.00	3473.06
MW - 10	01/18/11	3499.42	sheen	26.50	0.00	3472.92
MW - 10	02/22/11	3499.42	sheen	26.55	0.00	3472.87
MW - 10	03/01/11	3499.42	sheen	26.96	0.00	3472.46
MW - 10	03/07/11	3499.42	sheen	26.56	0.00	3472.86
MW - 10	03/22/11	3499.42	sheen	26.54	0.00	3472.88
MW - 10	04/27/11	3499.42	sheen	27.85	0.00	3471.57
MW - 10	05/05/11	3499.42	sheen	26.92	0.00	3472.50
MW - 10	05/10/11	3499.42	sheen	26.88	0.00	3472.54
MW - 10	05/17/11	3499.42	sheen	26.83	0.00	3472.59
MW - 10	05/17/11	3499.42	sheen	26.83	0.00	3472.59
MW - 10	05/24/11	3499.42	sheen	29.96	0.00	3469.46
MW - 10	06/07/11	3499.42	-	27.05	0.00	3472.37
MW - 10	06/14/11	3499.42	sheen	26.94	0.00	3472.48
MW - 10	06/23/11	3499.42	sheen	26.90	0.00	3472.52
MW - 10	06/28/11	3499.42	-	27.01	0.00	3472.41
MW - 10	07/06/11	3499.42	sheen	27.56	0.00	3471.86
MW - 10	07/14/11	3499.42	-	27.51	0.00	3471.91
MW - 10	07/27/11	3499.42	-	27.55	0.00	3471.87
MW - 10	08/03/11	3499.42	-	27.82	0.00	3471.60
MW - 10	08/11/11	3499.42	-	27.92	0.00	3471.50
MW - 10	08/18/11	3499.42	-	27.90	0.00	3471.52
MW - 10	08/25/11	3499.42	-	27.95	0.00	3471.47
MW - 10	09/02/11	3499.42	-	27.99	0.00	3471.43
MW - 10	09/09/11	3499.42	odor	28.04	0.00	3471.38
MW - 10	11/08/11	3499.42	-	28.13	0.00	3471.29
MW - 10	12/28/11	3499.42	-	27.94	0.00	3471.48
MW - 10	01/05/12	3499.42	-	27.96	0.00	3471.46
MW - 10	01/18/12	3499.42	-	27.87	0.00	3471.55
MW - 10	01/27/12	3499.42	-	27.96	0.00	3471.46
MW - 10	02/02/12	3499.42	-	27.88	0.00	3471.54

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	02/10/12	3499.42	-	28.02	0.00	3471.40
MW - 10	02/15/12	3499.42	-	27.96	0.00	3471.46
MW - 10	03/01/12	3499.42	-	27.75	0.00	3471.67
MW - 10	03/07/12	3499.42	-	27.75	0.00	3471.67
MW - 10	03/14/12	3499.42	-	27.75	0.00	3471.67
MW - 10	03/19/12	3499.42	-	27.67	0.00	3471.75
MW - 10	03/26/12	3499.42	-	27.68	0.00	3471.74
MW - 10	04/04/12	3499.42	-	27.77	0.00	3471.65
MW - 10	04/11/12	3499.42	-	27.74	0.00	3471.68
MW - 10	04/17/12	3499.42	-	27.81	0.00	3471.61
MW - 10	04/25/12	3499.42	-	27.68	0.00	3471.74
MW - 10	05/23/12	3499.42	-	27.73	0.00	3471.69
MW - 10	05/31/12	3499.42	-	27.85	0.00	3471.57
MW - 10	06/06/12	3499.42	-	27.75	0.00	3471.67
MW - 10	06/13/12	3499.42	-	27.91	0.00	3471.51
MW - 10	06/20/12	3499.42	-	27.89	0.00	3471.53
MW - 10	07/11/12	3499.42	-	27.98	0.00	3471.44
MW - 10	07/18/12	3499.42	-	28.06	0.00	3471.36
MW - 10	08/02/12	3499.42	-	28.10	0.00	3471.32
MW - 10	08/09/12	3499.42	-	28.29	0.00	3471.13
MW - 10	08/16/12	3499.42	-	28.37	0.00	3471.05
MW - 10	10/02/12	3499.42	-	28.59	0.00	3470.83
MW - 10	10/10/12	3499.42	-	28.60	0.00	3470.82
MW - 10	10/17/12	3499.42	-	28.48	0.00	3470.94
MW - 10	10/26/12	3499.42	28.49	28.50	0.01	3470.93
MW - 10	11/01/12	3499.42	-	29.39	0.00	3470.03
MW - 10	11/19/12	3499.42	-	28.38	0.00	3471.04
MW - 10	12/13/12	3499.42	-	28.41	0.00	3471.01
MW - 10	12/18/12	3499.42	-	28.20	0.00	3471.22
MW - 10	01/08/13	3499.42	-	28.25	0.00	3471.17
MW - 10	01/16/13	3499.42	-	28.29	0.00	3471.13
MW - 10	01/24/13	3499.42	-	28.29	0.00	3471.13
MW - 10	01/30/13	3499.42	28.21	28.23	0.02	3471.21
MW - 10	02/12/13	3499.42	-	28.22	0.00	3471.20
MW - 10	03/19/13	3499.42	-	28.13	0.00	3471.29
MW - 10	04/02/13	3499.42	-	28.17	0.00	3471.25
MW - 10	04/08/13	3499.42	-	28.02	0.00	3471.40
MW - 10	04/16/13	3499.42	-	28.16	0.00	3471.26
MW - 10	04/23/13	3499.42	-	28.25	0.00	3471.17
MW - 10	05/01/13	3499.42	-	28.28	0.00	3471.14
MW - 10	05/08/13	3499.42	-	28.13	0.00	3471.29
MW - 10	05/15/13	3499.42	-	28.11	0.00	3471.31
MW - 10	05/17/13	3499.42	-	28.15	0.00	3471.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	05/23/13	3499.42	-	28.24	0.00	3471.18
MW - 10	05/29/13	3499.42	-	28.19	0.00	3471.23
MW - 10	06/12/13	3499.42	-	28.46	0.00	3470.96
MW - 10	06/19/13	3499.42	-	28.52	0.00	3470.90
MW - 10	06/27/13	3499.42	-	28.63	0.00	3470.79
MW - 10	07/02/13	3499.42	-	28.73	0.00	3470.69
MW - 10	07/08/13	3499.42	-	28.77	0.00	3470.65
MW - 10	07/15/13	3499.42	-	28.79	0.00	3470.63
MW - 10	07/23/13	3499.42	-	28.66	0.00	3470.76
MW - 10	07/29/13	3499.42	-	28.60	0.00	3470.82
MW - 10	08/07/13	3499.42	-	28.64	0.00	3470.78
MW - 10	08/15/13	3499.42	-	28.75	0.00	3470.67
MW - 10	08/20/13	3499.42	-	28.78	0.00	3470.64
MW - 10	08/28/13	3499.42	-	29.11	0.00	3470.31
MW - 10	09/05/13	3499.42	-	29.19	0.00	3470.23
MW - 10	09/09/13	3499.42	-	29.05	0.00	3470.37
MW - 10	09/18/13	3499.42	-	29.19	0.00	3470.23
MW - 10	09/28/13	3499.42	-	29.20	0.00	3470.22
MW - 10	10/01/13	3499.42	-	29.26	0.00	3470.16
MW - 10	10/08/13	3499.42	-	29.07	0.00	3470.35
MW - 10	10/14/13	3499.42	-	29.09	0.00	3470.33
MW - 10	10/23/13	3499.42	-	28.94	0.00	3470.48
MW - 10	10/29/13	3499.42	-	28.80	0.00	3470.62
MW - 10	11/16/13	3499.42	-	28.74	0.00	3470.68
MW - 10	11/27/13	3499.42	-	29.10	0.00	3470.32
MW - 10	12/02/13	3499.42	-	28.62	0.00	3470.80
MW - 10	12/14/13	3499.42	-	29.02	0.00	3470.40
MW - 10	12/19/13	3499.42	-	28.52	0.00	3470.90
MW - 10	12/24/13	3499.42	-	28.81	0.00	3470.61
MW - 10	01/02/14	3499.42	-	28.92	0.00	3470.50
MW - 10	01/07/14	3499.42	-	28.68	0.00	3470.74
MW - 10	01/14/14	3499.42	-	28.83	0.00	3470.59
MW - 10	01/21/14	3499.42	-	28.55	0.00	3470.87
MW - 10	01/31/14	3499.42	-	28.66	0.00	3470.76
MW - 10	02/10/14	3499.42	-	27.78	0.00	3471.64
MW - 10	02/27/14	3499.42	-	28.70	0.00	3470.72
MW - 10	03/06/14	3499.42	-	28.52	0.00	3470.90
MW - 10	03/13/14	3499.42	-	28.57	0.00	3470.85
MW - 10	03/25/14	3499.42	28.60	28.63	0.03	3470.82
MW - 10	04/03/14	3499.42	28.47	28.54	0.07	3470.94
MW - 10	04/07/14	3499.42	28.59	29.64	1.05	3470.67
MW - 10	04/14/14	3499.42	28.64	28.72	0.08	3470.77
MW - 10	04/23/14	3499.42	28.42	28.47	0.05	3470.99

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	04/28/14	3499.42	28.55	28.70	0.15	3470.85
MW - 10	05/05/14	3499.42	28.49	28.76	0.27	3470.89
MW - 10	05/14/14	3499.42	28.65	28.94	0.29	3470.73
MW - 10	05/22/14	3499.42	28.65	28.74	0.09	3470.76
MW - 10	05/28/14	3499.42	28.70	29.07	0.37	3470.66
MW - 10	06/02/14	3499.42	-	28.78	0.00	3470.64
MW - 10	06/12/14	3499.42	29.01	29.16	0.15	3470.39
MW - 10	06/17/14	3499.42	29.04	29.15	0.11	3470.36
MW - 10	06/25/14	3499.42	29.09	29.24	0.15	3470.31
MW - 10	06/30/14	3499.42	29.08	29.19	0.11	3470.32
MW - 10	07/11/14	3499.42	29.22	29.40	0.18	3470.17
MW - 10	07/14/14	3499.42	29.18	29.23	0.05	3470.23
MW - 10	07/22/14	3499.42	29.36	30.07	0.71	3469.95
MW - 10	07/23/14	3499.42	29.36	30.07	0.71	3469.95
MW - 10	08/05/14	3499.42	29.32	29.37	0.05	3470.09
MW - 10	08/12/14	3499.42	29.43	29.60	0.17	3469.96
MW - 10	08/13/14	3499.42	29.38	29.41	0.03	3470.04
MW - 10	08/27/14	3499.42	29.46	29.58	0.12	3469.94
MW - 10	09/17/14	3499.42	-	29.11	0.00	3470.31
MW - 10	09/23/14	3499.42	-	28.74	0.00	3470.68
MW - 10	10/10/14	3499.42	-	28.03	0.00	3471.39
MW - 10	10/15/14	3499.42	-	27.93	0.00	3471.49
MW - 10	10/27/14	3499.42	-	27.77	0.00	3471.65
MW - 10	11/04/14	3499.42	-	27.91	0.00	3471.51
MW - 10	11/06/14	3499.42	-	27.89	0.00	3471.53
MW - 10	11/11/14	3499.42	-	27.79	0.00	3471.63
MW - 10	11/18/14	3499.42	-	27.66	0.00	3471.76
MW - 10	12/02/14	3499.42	27.59	27.83	0.24	3471.79
MW - 10	12/09/14	3499.42	27.74	27.79	0.05	3471.67
MW - 10	12/11/14	3499.42	27.54	27.63	0.09	3471.87
MW - 10	12/17/14	3499.42	27.46	27.58	0.12	3471.94
MW - 10	12/23/14	3499.42	27.63	27.74	0.11	3471.77
MW - 10	12/30/14	3499.42	27.72	27.80	0.08	3471.69
MW - 10	01/06/15	3499.42	27.62	27.74	0.12	3471.78
MW - 10	01/07/15	3499.42	27.78	27.82	0.04	3471.63
MW - 10	01/09/15	3499.42	27.61	27.62	0.01	3471.81
MW - 10	01/13/15	3499.42	27.50	27.57	0.07	3471.91
MW - 10	01/16/15	3499.42	27.48	27.50	0.02	3471.94
MW - 10	01/21/15	3499.42	-	27.65	0.00	3471.77
MW - 10	01/26/15	3499.42	-	27.88	0.00	3471.54
MW - 10	02/03/15	3499.42	-	27.84	0.00	3471.58
MW - 10	02/05/15	3499.42	27.70	27.71	0.01	3471.72
MW - 10	02/16/15	3499.42	27.57	27.58	0.01	3471.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	02/17/15	3499.42	-	27.60	0.00	3471.82
MW - 10	03/04/15	3499.42	-	27.57	0.00	3471.85
MW - 10	03/10/15	3499.42	-	27.56	0.00	3471.86
MW - 10	03/12/15	3499.42	-	27.57	0.00	3471.85
MW - 10	03/16/15	3499.42	-	27.53	0.00	3471.89
MW - 10	03/23/15	3499.42	-	27.52	0.00	3471.90
MW - 10	03/25/15	3499.42	-	27.43	0.00	3471.99
MW - 10	03/31/15	3499.42	-	27.44	0.00	3471.98
MW - 10	04/03/15	3499.42	-	27.64	0.00	3471.78
MW - 10	04/06/15	3499.42	-	27.42	0.00	3472.00
MW - 10	04/09/15	3499.42	-	27.50	0.00	3471.92
MW - 10	04/13/15	3499.42	-	27.40	0.00	3472.02
MW - 10	04/16/15	3499.42	-	27.31	0.00	3472.11
MW - 10	04/22/15	3499.42	-	27.25	0.00	3472.17
MW - 10	04/24/15	3499.42	-	27.26	0.00	3472.16
MW - 10	05/01/15	3499.42	-	27.29	0.00	3472.13
MW - 10	05/11/15	3499.42	-	27.30	0.00	3472.12
MW - 10	05/14/15	3499.42	-	27.24	0.00	3472.18
MW - 10	05/21/15	3499.42	-	27.21	0.00	3472.21
MW - 10	05/29/15	3499.42	-	27.10	0.00	3472.32
MW - 10	06/03/15	3499.42	-	27.13	0.00	3472.29
MW - 10	06/04/15	3499.42	-	27.19	0.00	3472.23
MW - 10	06/09/15	3499.42	-	27.19	0.00	3472.23
MW - 10	06/17/15	3499.42	-	27.08	0.00	3472.34
MW - 10	06/18/15	3499.42	-	27.11	0.00	3472.31
MW - 10	06/23/15	3499.42	-	27.14	0.00	3472.28
MW - 10	06/29/15	3499.42	-	27.10	0.00	3472.32
MW - 10	07/01/15	3499.42	-	27.10	0.00	3472.32
MW - 10	07/07/15	3499.42	-	27.28	0.00	3472.14
MW - 10	07/09/15	3499.42	-	27.23	0.00	3472.19
MW - 10	07/13/15	3499.42	-	27.31	0.00	3472.11
MW - 10	07/15/15	3499.42	-	27.34	0.00	3472.08
MW - 10	07/20/15	3499.42	-	27.41	0.00	3472.01
MW - 10	07/21/15	3499.42	-	27.51	0.00	3471.91
MW - 10	07/28/15	3499.42	-	27.55	0.00	3471.87
MW - 10	07/30/15	3499.42	-	27.69	0.00	3471.73
MW - 10	08/03/15	3499.42	-	27.75	0.00	3471.67
MW - 10	08/04/15	3499.42	-	27.71	0.00	3471.71
MW - 10	08/07/15	3499.42	-	27.87	0.00	3471.55
MW - 10	08/11/15	3499.42	-	27.81	0.00	3471.61
MW - 10	08/12/15	3499.42	-	27.82	0.00	3471.60
MW - 10	08/18/15	3499.42	-	27.79	0.00	3471.63
MW - 10	08/20/15	3499.42	-	27.61	0.00	3471.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	08/25/15	3499.42	-	27.80	0.00	3471.62
MW - 10	08/26/15	3499.42	-	27.73	0.00	3471.69
MW - 10	08/31/15	3499.42	-	27.66	0.00	3471.76
MW - 10	09/02/15	3499.42	-	27.61	0.00	3471.81
MW - 10	10/22/15	3499.42	-	27.46	0.00	3471.96
MW - 10	10/27/15	3499.42	-	27.40	0.00	3472.02
MW - 10	11/05/15	3499.42	-	27.42	0.00	3472.00
MW - 10	11/11/15	3499.42	-	27.35	0.00	3472.07
MW - 10	11/17/15	3499.42	-	27.25	0.00	3472.17
MW - 10	12/01/15	3499.42	-	27.27	0.00	3472.15
MW - 10	12/03/15	3499.42	-	27.36	0.00	3472.06
MW - 10	12/09/15	3499.42	-	27.20	0.00	3472.22
MW - 10	01/06/16	3499.42	-	27.15	0.00	3472.27
MW - 10	01/11/16	3499.42	-	27.30	0.00	3472.12
MW - 10	01/13/16	3499.42	-	27.06	0.00	3472.36
MW - 10	01/15/16	3499.42	-	27.09	0.00	3472.33
MW - 10	01/27/16	3499.42	-	27.12	0.00	3472.30
MW - 10	01/29/16	3499.42	-	27.00	0.00	3472.42
MW - 10	02/02/16	3499.42	-	27.12	0.00	3472.30
MW - 10	02/04/16	3499.42	-	27.13	0.00	3472.29
MW - 10	02/10/16	3499.42	-	27.15	0.00	3472.27
MW - 10	02/17/16	3499.42	-	27.10	0.00	3472.32
MW - 10	02/19/16	3499.42	-	27.16	0.00	3472.26
MW - 10	03/03/16	3499.42	-	27.17	0.00	3472.25
MW - 10	03/10/16	3499.42	-	27.12	0.00	3472.30
MW - 10	03/11/16	3499.42	-	27.08	0.00	3472.34
MW - 10	03/16/16	3499.42	-	27.06	0.00	3472.36
MW - 10	03/29/16	3499.42	-	26.80	0.00	3472.62
MW - 10	04/12/16	3499.42	-	26.90	0.00	3472.52
MW - 10	04/15/16	3499.42	-	26.76	0.00	3472.66
MW - 10	04/19/16	3499.42	-	26.82	0.00	3472.60
MW - 10	04/29/16	3499.42	-	26.84	0.00	3472.58
MW - 10	05/04/16	3499.42	-	26.80	0.00	3472.62
MW - 10	05/13/16	3499.42	-	26.91	0.00	3472.51
MW - 10	05/18/16	3499.42	-	26.94	0.00	3472.48
MW - 10	05/25/16	3499.42	-	26.98	0.00	3472.44
MW - 10	06/02/16	3499.42	-	27.12	0.00	3472.30
MW - 10	06/06/16	3499.42	-	27.10	0.00	3472.32
MW - 10	06/28/16	3499.42	-	27.42	0.00	3472.00
MW - 10	07/05/16	3499.42	-	27.51	0.00	3471.91
MW - 10	07/14/16	3499.42	-	27.65	0.00	3471.77
MW - 10	07/21/16	3499.42	-	27.82	0.00	3471.60
MW - 10	07/25/16	3499.42	-	27.85	0.00	3471.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	08/01/16	3499.42	-	27.90	0.00	3471.52
MW - 10	08/09/16	3499.42	-	28.04	0.00	3471.38
MW - 10	08/15/16	3499.42	-	28.05	0.00	3471.37
MW - 10	08/18/16	3499.42	-	28.07	0.00	3471.35
MW - 10	08/22/16	3499.42	-	28.02	0.00	3471.40
MW - 10	08/31/16	3499.42	-	27.71	0.00	3471.71
MW - 10	09/06/16	3499.42	-	27.34	0.00	3472.08
MW - 10	09/12/16	3499.42	-	26.96	0.00	3472.46
MW - 10	09/19/16	3499.42	-	26.72	0.00	3472.70
MW - 10	09/26/16	3499.42	-	26.53	0.00	3472.89
MW - 10	10/06/16	3499.42	-	26.27	0.00	3473.15
MW - 10	10/17/16	3499.42	-	26.06	0.00	3473.36
MW - 10	10/25/16	3499.42	-	26.13	0.00	3473.29
MW - 10	11/03/16	3499.42	-	26.23	0.00	3473.19
MW - 10	11/08/16	3499.42	-	26.18	0.00	3473.24
MW - 10	11/15/16	3499.42	-	26.08	0.00	3473.34
MW - 10	11/22/16	3499.42	-	26.04	0.00	3473.38
MW - 10	12/05/16	3499.42	-	26.10	0.00	3473.32
MW - 10	12/13/16	3499.42	-	26.09	0.00	3473.33
MW - 10	12/22/16	3499.42	-	26.18	0.00	3473.24
MW - 10	12/27/16	3499.42	-	26.23	0.00	3473.19
MW - 10	01/04/17	3499.42	-	26.10	0.00	3473.32
MW - 10	01/13/17	3499.42	-	26.32	0.00	3473.10
MW - 10	01/17/17	3499.42	-	26.23	0.00	3473.19
MW - 10	01/24/17	3499.42	-	26.14	0.00	3473.28
MW - 10	01/31/17	3499.42	-	26.15	0.00	3473.27
MW - 10	02/07/17	3499.42	-	26.17	0.00	3473.25
MW - 10	02/16/17	3499.42	-	26.06	0.00	3473.36
MW - 10	02/20/17	3499.42	-	26.20	0.00	3473.22
MW - 10	03/01/17	3499.42	-	26.31	0.00	3473.11
MW - 10	03/06/17	3499.42	-	26.08	0.00	3473.34
MW - 10	03/14/17	3499.42	-	26.11	0.00	3473.31
MW - 10	03/24/17	3499.42	-	26.07	0.00	3473.35
MW - 10	03/31/17	3499.42	-	25.92	0.00	3473.50
MW - 10	04/04/17	3499.42	-	25.83	0.00	3473.59
MW - 10	04/13/17	3499.42	-	25.81	0.00	3473.61
MW - 10	04/19/17	3499.42	-	25.83	0.00	3473.59
MW - 10	04/28/17	3499.42	-	25.77	0.00	3473.65
MW - 10	05/01/17	3499.42	-	25.89	0.00	3473.53
MW - 10	05/11/17	3499.42	-	25.88	0.00	3473.54
MW - 10	05/18/17	3499.42	-	26.03	0.00	3473.39
MW - 10	05/23/17	3499.42	-	26.06	0.00	3473.36
MW - 10	06/06/17	3499.42	-	26.15	0.00	3473.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	06/12/17	3499.42	-	26.21	0.00	3473.21
MW - 10	06/23/17	3499.42	-	26.34	0.00	3473.08
MW - 10	07/03/17	3499.42	-	26.41	0.00	3473.01
MW - 10	07/14/17	3499.42	-	26.73	0.00	3472.69
MW - 10	07/19/17	3499.42	-	26.88	0.00	3472.54
MW - 10	07/25/17	3499.42	-	26.66	0.00	3472.76
MW - 10	08/14/17	3499.42	-	26.29	0.00	3473.13
MW - 10	08/21/17	3499.42	-	26.33	0.00	3473.09
MW - 10	08/30/17	3499.42	-	26.24	0.00	3473.18
MW - 10	09/06/17	3499.42	-	26.25	0.00	3473.17
MW - 10	09/12/17	3499.42	-	26.30	0.00	3473.12
MW - 10	09/27/17	3499.42	-	26.41	0.00	3473.01
MW - 10	10/04/17	3499.42	-	26.32	0.00	3473.10
MW - 10	10/11/17	3499.42	-	26.21	0.00	3473.21
MW - 10	10/17/17	3499.42	-	26.04	0.00	3473.38
MW - 10	10/23/17	3499.42	-	26.01	0.00	3473.41
MW - 10	10/30/17	3499.42	-	25.98	0.00	3473.44
MW - 10	11/15/17	3499.42	-	25.89	0.00	3473.53
MW - 10	12/04/17	3499.42	-	25.85	0.00	3473.57
MW - 10	12/22/17	3499.42	-	25.95	0.00	3473.47
MW - 10	12/26/17	3499.42	-	25.98	0.00	3473.44
MW - 10	01/02/18	3499.42	-	26.00	0.00	3473.42
MW - 10	01/12/18	3499.42	-	26.13	0.00	3473.29
MW - 10	01/17/18	3499.42	-	26.25	0.00	3473.17
MW - 10	01/23/18	3499.42	-	26.02	0.00	3473.40
MW - 10	01/29/18	3499.42	-	26.31	0.00	3473.11
MW - 10	02/05/18	3499.42	-	25.88	0.00	3473.54
MW - 10	02/14/18	3499.42	-	25.90	0.00	3473.52
MW - 10	02/20/18	3499.42	-	25.97	0.00	3473.45
MW - 10	03/02/18	3499.42	-	26.23	0.00	3473.19
MW - 10	03/13/18	3499.42	-	26.10	0.00	3473.32
MW - 10	03/23/18	3499.42	-	25.95	0.00	3473.47
MW - 10	03/28/18	3499.42	-	25.91	0.00	3473.51
MW - 10	04/05/18	3499.42	-	25.82	0.00	3473.60
MW - 10	04/13/18	3499.42	-	25.88	0.00	3473.54
MW - 10	04/27/18	3499.42	-	26.08	0.00	3473.34
MW - 10	05/04/18	3499.42	-	26.23	0.00	3473.19
MW - 10	05/11/18	3499.42	-	26.15	0.00	3473.27
MW - 10	05/16/18	3499.42	-	26.35	0.00	3473.07
MW - 10	05/25/18	3499.42	-	26.54	0.00	3472.88
MW - 10	06/05/18	3499.42	-	26.53	0.00	3472.89
MW - 10	06/15/18	3499.42	-	26.65	0.00	3472.77
MW - 10	06/19/18	3499.42	-	26.60	0.00	3472.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	06/26/18	3499.42	-	26.90	0.00	3472.52
MW - 10	06/29/18	3499.42	-	26.91	0.00	3472.51
MW - 10	07/10/18	3499.42	-	27.10	0.00	3472.32
MW - 10	07/16/18	3499.42	-	27.14	0.00	3472.28
MW - 10	08/10/18	3499.42	-	27.41	0.00	3472.01
MW - 10	08/14/18	3499.42	-	27.30	0.00	3472.12
MW - 10	08/23/18	3499.42	-	27.44	0.00	3471.98
MW - 10	08/31/18	3499.42	-	27.60	0.00	3471.82
MW - 10	09/05/18	3499.42	-	27.53	0.00	3471.89
MW - 10	09/10/18	3499.42	-	27.11	0.00	3472.31
MW - 10	09/21/18	3499.42	-	27.11	0.00	3472.31
MW - 10	10/05/18	3499.42	-	27.01	0.00	3472.41
MW - 10	10/08/18	3499.42	-	26.92	0.00	3472.50
MW - 10	10/11/18	3499.42	-	27.23	0.00	3472.19
MW - 10	10/15/18	3499.42	-	27.01	0.00	3472.41
MW - 10	10/19/18	3499.42	-	27.25	0.00	3472.17
MW - 10	10/26/18	3499.42	-	27.06	0.00	3472.36
MW - 10	11/02/18	3499.42	-	26.78	0.00	3472.64
MW - 10	11/13/18	3499.42	-	27.06	0.00	3472.36
MW - 10	11/21/18	3499.42	-	26.85	0.00	3472.57
MW - 10	11/29/18	3499.42	-	26.75	0.00	3472.67
MW - 10	12/07/18	3499.42	-	26.89	0.00	3472.53
MW - 10	12/14/18	3499.42	-	26.95	0.00	3472.47
MW - 10	12/20/18	3499.42	-	26.81	0.00	3472.61
MW - 10	12/28/18	3499.42	-	26.72	0.00	3472.70
MW - 10	01/03/19	3499.42	-	26.59	0.00	3472.83
MW - 10	01/11/19	3499.42	-	26.63	0.00	3472.79
MW - 10	01/15/19	3499.42	-	26.70	0.00	3472.72
MW - 10	01/23/19	3499.42	-	26.43	0.00	3472.99
MW - 10	01/29/19	3499.42	-	26.67	0.00	3472.75
MW - 10	02/07/19	3499.42	-	26.84	0.00	3472.58
MW - 10	02/14/19	3499.42	-	26.61	0.00	3472.81
MW - 10	03/05/19	3499.42	-	26.68	0.00	3472.74
MW - 10	03/11/19	3499.42	-	26.72	0.00	3472.70
MW - 10	03/24/19	3499.42	-	26.45	0.00	3472.97
MW - 10	03/27/19	3499.42	-	26.40	0.00	3473.02
MW - 10	04/02/19	3499.42	-	26.30	0.00	3473.12
MW - 10	04/12/19	3499.42	-	26.39	0.00	3473.03
MW - 10	04/18/19	3499.42	-	26.35	0.00	3473.07
MW - 10	04/25/19	3499.42	-	26.29	0.00	3473.13
MW - 10	05/02/19	3499.42	-	26.48	0.00	3472.94
MW - 10	05/10/19	3499.42	-	26.54	0.00	3472.88
MW - 10	05/14/19	3499.42	-	26.26	0.00	3473.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	05/20/19	3499.42	-	26.23	0.00	3473.19
MW - 10	05/27/19	3499.42	-	26.31	0.00	3473.11
MW - 10	06/06/19	3499.42	-	26.51	0.00	3472.91
MW - 10	06/07/19	3499.42	-	26.51	0.00	3472.91
MW - 10	06/13/19	3499.42	-	26.54	0.00	3472.88
MW - 10	06/19/19	3499.42	-	26.66	0.00	3472.76
MW - 10	07/01/19	3499.42	-	26.80	0.00	3472.62
MW - 10	07/09/19	3499.42	-	26.89	0.00	3472.53
MW - 10	07/17/19	3499.42	-	26.90	0.00	3472.52
MW - 10	07/19/19	3499.42	-	26.93	0.00	3472.49
MW - 10	08/06/19	3499.42	-	27.12	0.00	3472.30
MW - 10	08/22/19	3499.42	-	27.33	0.00	3472.09
MW - 10	08/30/19	3499.42	-	27.41	0.00	3472.01
MW - 10	09/10/19	3499.42	-	27.32	0.00	3472.10
MW - 10	09/20/19	3499.42	-	27.36	0.00	3472.06
MW - 10	10/04/19	3499.42	-	27.09	0.00	3472.33
MW - 10	10/09/19	3499.42	-	26.86	0.00	3472.56
MW - 10	10/16/19	3499.42	-	26.93	0.00	3472.49
MW - 10	10/23/19	3499.42	-	26.91	0.00	3472.51
MW - 10	11/04/19	3499.42	-	26.85	0.00	3472.57
MW - 10	12/03/19	3499.42	-	26.59	0.00	3472.83
MW - 10	12/16/19	3499.42	-	26.66	0.00	3472.76
MW - 10	12/30/19	3499.42	-	26.62	0.00	3472.80
MW - 10	01/09/20	3499.42	-	26.51	0.00	3472.91
MW - 10	01/14/20	3499.42	-	26.57	0.00	3472.85
MW - 10	01/30/20	3499.42	-	26.54	0.00	3472.88
MW - 10	02/03/20	3499.42	-	26.42	0.00	3473.00
MW - 10	02/13/20	3499.42	-	26.46	0.00	3472.96
MW - 10	05/15/20	3499.42	-	26.12	0.00	3473.30
MW - 10	06/25/20	3499.42	-	26.84	0.00	3472.58
MW - 10	07/23/20	3499.42	-	27.22	0.00	3472.20
MW - 10	07/28/20	3499.42	-	27.31	0.00	3472.11
MW - 10	08/10/20	3499.42	-	27.30	0.00	3472.12
MW - 10	08/19/20	3499.42	-	27.56	0.00	3471.86
MW - 10	09/11/20	3499.42	-	27.82	0.00	3471.60
MW - 10	09/29/20	3499.42	-	27.89	0.00	3471.53
MW - 10	10/13/20	3499.42	-	27.67	0.00	3471.75
MW - 10	10/30/20	3499.42	-	27.65	0.00	3471.77
MW - 10	11/11/20	3499.42	-	27.63	0.00	3471.79
MW - 10	12/14/20	3499.42	-	27.53	0.00	3471.89
MW - 10	12/30/20	3499.42	-	27.59	0.00	3471.83
MW - 10	01/21/21	3499.42	-	27.42	0.00	3472.00
MW - 10	02/23/21	3499.42	-	27.52	0.00	3471.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	03/05/21	3499.42	-	27.66	0.00	3471.76
MW - 10	03/17/21	3499.42	-	27.61	0.00	3471.81
MW - 10	04/16/21	3499.42	-	27.53	0.00	3471.89
MW - 10	05/27/21	3499.42	-	27.55	0.00	3471.87
MW - 10	07/26/21	3499.42	-	27.69	0.00	3471.73
MW - 10	07/27/21	3499.42	-	27.69	0.00	3471.73
MW - 10	09/29/21	3499.42	-	27.90	0.00	3471.52
MW - 10	10/13/21	3499.42	-	27.88	0.00	3471.54
MW - 10	10/29/21	3499.42	-	28.00	0.00	3471.42
MW - 10	11/24/21	3499.42	-	27.88	0.00	3471.54
MW - 10	12/01/21	3499.42	-	27.93	0.00	3471.49
MW - 11	06/07/02	3498.18	-	28.48	0.00	3469.70
MW - 11	09/27/02	3498.18	-	28.60	0.00	3469.58
MW - 11	12/04/02	3498.18	-	28.29	0.00	3469.89
MW - 11	02/25/03	3498.18	-	28.23	0.00	3469.95
MW - 11	05/22/03	3498.18	-	28.26	0.00	3469.92
MW - 11	08/26/03	3498.18	-	29.30	0.00	3468.88
MW - 11	11/25/03	3498.18	-	29.56	0.00	3468.62
MW - 11	02/10/04	3498.18	-	29.55	0.00	3468.63
MW - 11	05/10/04	3498.18	-	27.35	0.00	3470.83
MW - 11	08/25/04	3498.18	-	27.64	0.00	3470.54
MW - 11	12/02/04	3498.18	-	26.12	0.00	3472.06
MW - 11	03/10/05	3498.18	-	25.43	0.00	3472.75
MW - 11	06/10/05	3498.18	-	24.75	0.00	3473.43
MW - 11	09/09/05	3498.18	-	25.37	0.00	3472.81
MW - 11	12/05/05	3498.18	-	25.21	0.00	3472.97
MW - 11	03/09/06	3498.18	-	24.98	0.00	3473.20
MW - 11	06/08/06	3498.18	-	25.52	0.00	3472.66
MW - 11	09/15/06	3498.18	-	25.23	0.00	3472.95
MW - 11	11/29/06	3498.18	-	25.10	0.00	3473.08
MW - 11	02/26/07	3498.18	-	24.95	0.00	3473.23
MW - 11	05/21/07	3498.18	-	18.85	0.00	3479.33
MW - 11	08/16/07	3498.18	-	25.31	0.00	3472.87
MW - 11	11/07/07	3498.18	-	24.92	0.00	3473.26
MW - 11	02/12/08	3498.18	-	24.93	0.00	3473.25
MW - 11	05/15/08	3498.18	-	25.08	0.00	3473.10
MW - 11	08/18/08	3498.18	-	26.17	0.00	3472.01
MW - 11	11/13/08	3498.18	-	25.58	0.00	3472.60
MW - 11	02/11/09	3498.18	-	25.61	0.00	3472.57
MW - 11	05/13/09	3498.18	-	25.71	0.00	3472.47
MW - 11	08/11/09	3498.18	-	26.52	0.00	3471.66
MW - 11	11/23/09	3498.18	-	26.77	0.00	3471.41

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	01/05/10	3498.18	-	26.65	0.00	3471.53
MW - 11	02/10/10	3498.18	-	26.78	0.00	3471.40
MW - 11	05/25/10	3498.18	-	26.74	0.00	3471.44
MW - 11	08/13/10	3498.18	-	26.73	0.00	3471.45
MW - 11	11/17/10	3498.18	-	26.79	0.00	3471.39
MW - 11	02/22/11	3498.18	-	26.81	0.00	3471.37
MW - 11	05/17/11	3498.18	-	26.84	0.00	3471.34
MW - 11	08/11/11	3498.18	-	27.47	0.00	3470.71
MW - 11	11/08/11	3498.18	-	27.59	0.00	3470.59
MW - 11	12/28/11	3498.18	-	27.45	0.00	3470.73
MW - 11	03/01/12	3498.18	-	27.27	0.00	3470.91
MW - 11	05/23/12	3498.18	-	27.21	0.00	3470.97
MW - 11	08/09/12	3498.18	-	27.81	0.00	3470.37
MW - 11	11/19/12	3498.18	-	27.79	0.00	3470.39
MW - 11	02/12/13	3498.18	-	27.70	0.00	3470.48
MW - 11	05/15/13	3498.18	-	27.62	0.00	3470.56
MW - 11	08/07/13	3498.18	-	28.22	0.00	3469.96
MW - 11	11/26/13	3498.18	-	28.34	0.00	3469.84
MW - 11	02/10/14	3498.18	-	28.17	0.00	3470.01
MW - 11	05/22/14	3498.18	-	28.24	0.00	3469.94
MW - 11	07/22/14	3498.18	-	28.82	0.00	3469.36
MW - 11	08/13/14	3498.18	-	28.96	0.00	3469.22
MW - 11	10/27/14	3498.18	-	26.81	0.00	3471.37
MW - 11	11/05/14	3498.18	-	27.08	0.00	3471.10
MW - 11	01/09/15	3498.18	-	27.03	0.00	3471.15
MW - 11	02/17/15	3498.18	-	26.96	0.00	3471.22
MW - 11	03/31/15	3498.18	-	26.73	0.00	3471.45
MW - 11	05/14/15	3498.18	-	26.31	0.00	3471.87
MW - 11	07/09/15	3498.18	-	26.55	0.00	3471.63
MW - 11	08/04/15	3498.18	-	27.00	0.00	3471.18
MW - 11	11/16/15	3498.18	-	26.46	0.00	3471.72
MW - 11	01/15/16	3498.18	-	26.51	0.00	3471.67
MW - 11	02/10/16	3498.18	-	26.49	0.00	3471.69
MW - 11	04/15/16	3498.18	-	26.16	0.00	3472.02
MW - 11	05/24/16	3498.18	-	26.30	0.00	3471.88
MW - 11	06/28/16	3498.18	-	26.77	0.00	3471.41
MW - 11	07/21/16	3498.18	-	27.21	0.00	3470.97
MW - 11	08/18/16	3498.18	-	27.39	0.00	3470.79
MW - 11	10/25/16	3498.18	-	24.78	0.00	3473.40
MW - 11	11/21/16	3498.18	-	25.07	0.00	3473.11
MW - 11	12/27/16	3498.18	-	25.35	0.00	3472.83
MW - 11	01/24/17	3498.18	-	25.23	0.00	3472.95
MW - 11	02/28/17	3498.18	-	25.40	0.00	3472.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	04/19/17	3498.18	-	25.16	0.00	3473.02
MW - 11	05/18/17	3498.18	-	25.24	0.00	3472.94
MW - 11	06/12/17	3498.18	-	25.48	0.00	3472.70
MW - 11	07/25/17	3498.18	-	25.97	0.00	3472.21
MW - 11	08/14/17	3498.18	-	25.41	0.00	3472.77
MW - 11	10/17/17	3498.18	-	25.11	0.00	3473.07
MW - 11	11/15/17	3498.18	-	25.29	0.00	3472.89
MW - 11	12/22/17	3498.18	-	25.33	0.00	3472.85
MW - 11	01/17/18	3498.18	-	25.35	0.00	3472.83
MW - 11	02/19/18	3498.18	-	25.22	0.00	3472.96
MW - 11	03/28/18	3498.18	-	25.33	0.00	3472.85
MW - 11	04/27/18	3498.18	-	25.38	0.00	3472.80
MW - 11	05/15/18	3498.18	-	25.48	0.00	3472.70
MW - 11	06/29/18	3498.18	-	26.04	0.00	3472.14
MW - 11	07/16/18	3498.18	-	26.31	0.00	3471.87
MW - 11	08/14/18	3498.18	-	26.69	0.00	3471.49
MW - 11	11/28/18	3498.18	-	25.76	0.00	3472.42
MW - 11	12/14/18	3498.18	-	25.94	0.00	3472.24
MW - 11	01/29/19	3498.18	-	25.83	0.00	3472.35
MW - 11	03/04/19	3498.18	-	25.91	0.00	3472.27
MW - 11	03/29/19	3498.18	-	25.47	0.00	3472.71
MW - 11	04/18/19	3498.18	-	25.61	0.00	3472.57
MW - 11	05/13/19	3498.18	-	25.64	0.00	3472.54
MW - 11	06/06/19	3498.18	-	25.90	0.00	3472.28
MW - 11	07/17/19	3498.18	-	26.16	0.00	3472.02
MW - 11	09/10/19	3498.18	-	26.63	0.00	3471.55
MW - 11	10/16/19	3498.18	-	26.50	0.00	3471.68
MW - 11	12/03/19	3498.18	-	25.73	0.00	3472.45
MW - 11	12/30/19	3498.18	-	25.94	0.00	3472.24
MW - 11	01/14/20	3498.18	-	25.91	0.00	3472.27
MW - 11	02/12/20	3498.18	-	25.84	0.00	3472.34
MW - 11	05/15/20	3498.18	-	25.45	0.00	3472.73
MW - 11	06/24/20	3498.18	-	26.18	0.00	3472.00
MW - 11	07/28/20	3498.18	-	26.60	0.00	3471.58
MW - 11	08/18/20	3498.18	-	26.73	0.00	3471.45
MW - 11	09/11/20	3498.18	-	26.90	0.00	3471.28
MW - 11	10/30/20	3498.18	-	27.06	0.00	3471.12
MW - 11	11/10/20	3498.18	-	26.99	0.00	3471.19
MW - 11	12/30/20	3498.18	-	27.01	0.00	3471.17
MW - 11	01/21/21	3498.18	-	26.89	0.00	3471.29
MW - 11	03/17/21	3498.18	-	27.07	0.00	3471.11
MW - 11	05/26/21	3498.18	-	27.02	0.00	3471.16
MW - 11	07/26/21	3498.18	-	27.05	0.00	3471.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	09/28/21	3498.18	-	27.34	0.00	3470.84
MW - 11	10/13/21	3498.18	-	27.23	0.00	3470.95
MW - 11	12/01/21	3498.18	-	27.31	0.00	3470.87
MW - 12	06/07/02	3499.66	-	29.56	0.00	3470.10
MW - 12	09/27/02	3499.66	-	29.73	0.00	3469.93
MW - 12	12/04/02	3499.66	-	29.44	0.00	3470.22
MW - 12	02/25/03	3499.66	-	29.40	0.00	3470.26
MW - 12	05/22/03	3499.66	-	29.44	0.00	3470.22
MW - 12	08/26/03	3499.66	-	30.46	0.00	3469.20
MW - 12	11/25/03	3499.66	-	30.69	0.00	3468.97
MW - 12	02/10/04	3499.66	-	30.72	0.00	3468.94
MW - 12	05/10/04	3499.66	-	28.54	0.00	3471.12
MW - 12	08/25/04	3499.66	-	28.78	0.00	3470.88
MW - 12	12/02/04	3499.66	-	27.53	0.00	3472.13
MW - 12	03/10/05	3499.66	-	26.72	0.00	3472.94
MW - 12	06/10/05	3499.66	-	26.01	0.00	3473.65
MW - 12	09/09/05	3499.66	-	26.64	0.00	3473.02
MW - 12	12/05/05	3499.66	-	26.53	0.00	3473.13
MW - 12	03/09/06	3499.66	-	26.33	0.00	3473.33
MW - 12	06/08/06	3499.66	-	26.85	0.00	3472.81
MW - 12	09/15/06	3499.66	-	26.44	0.00	3473.22
MW - 12	11/29/06	3499.66	-	26.30	0.00	3473.36
MW - 12	02/26/07	3499.66	-	26.34	0.00	3473.32
MW - 12	05/21/07	3499.66	-	25.75	0.00	3473.91
MW - 12	08/16/07	3499.66	-	26.59	0.00	3473.07
MW - 12	11/07/07	3499.66	-	26.19	0.00	3473.47
MW - 12	02/12/08	3499.66	-	26.25	0.00	3473.41
MW - 12	05/15/08	3499.66	-	26.35	0.00	3473.31
MW - 12	08/18/08	3499.66	-	27.40	0.00	3472.26
MW - 12	11/13/08	3499.66	-	26.80	0.00	3472.86
MW - 12	02/11/09	3499.66	-	26.88	0.00	3472.78
MW - 12	05/13/09	3499.66	-	26.89	0.00	3472.77
MW - 12	08/11/09	3499.66	-	27.04	0.00	3472.62
MW - 12	11/23/09	3499.66	-	27.99	0.00	3471.67
MW - 12	01/05/10	3499.66	-	27.84	0.00	3471.82
MW - 12	02/10/10	3499.66	-	28.00	0.00	3471.66
MW - 12	05/25/10	3499.66	-	27.96	0.00	3471.70
MW - 12	08/13/10	3499.66	-	27.76	0.00	3471.90
MW - 12	11/17/10	3499.66	-	28.01	0.00	3471.65
MW - 12	02/22/11	3499.66	-	27.00	0.00	3472.66
MW - 12	05/17/11	3499.66	-	27.02	0.00	3472.64
MW - 12	08/11/11	3499.66	-	28.53	0.00	3471.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	11/08/11	3499.66	-	28.73	0.00	3470.93
MW - 12	03/01/12	3499.66	-	28.45	0.00	3471.21
MW - 12	05/23/12	3499.66	-	28.38	0.00	3471.28
MW - 12	08/09/12	3499.66	-	28.92	0.00	3470.74
MW - 12	11/19/12	3499.66	-	28.96	0.00	3470.70
MW - 12	02/12/13	3499.66	-	28.88	0.00	3470.78
MW - 12	05/15/13	3499.66	-	28.76	0.00	3470.90
MW - 12	08/07/13	3499.66	-	29.33	0.00	3470.33
MW - 12	11/26/13	3499.66	-	29.48	0.00	3470.18
MW - 12	02/10/14	3499.66	-	29.33	0.00	3470.33
MW - 12	04/14/14	3499.66	-	29.40	0.00	3470.26
MW - 12	05/22/14	3499.66	-	29.37	0.00	3470.29
MW - 12	07/22/14	3499.66	-	29.96	0.00	3469.70
MW - 12	08/13/14	3499.66	-	30.08	0.00	3469.58
MW - 12	10/27/14	3499.66	-	28.45	0.00	3471.21
MW - 12	11/05/14	3499.66	-	28.50	0.00	3471.16
MW - 12	01/09/15	3499.66	-	28.33	0.00	3471.33
MW - 12	02/17/15	3499.66	-	28.29	0.00	3471.37
MW - 12	03/31/15	3499.66	-	28.03	0.00	3471.63
MW - 12	05/14/15	3499.66	-	27.71	0.00	3471.95
MW - 12	07/09/15	3499.66	-	27.90	0.00	3471.76
MW - 12	08/04/15	3499.66	-	28.27	0.00	3471.39
MW - 12	11/16/15	3499.66	-	27.72	0.00	3471.94
MW - 12	01/15/16	3499.66	-	27.79	0.00	3471.87
MW - 12	02/10/16	3499.66	-	27.77	0.00	3471.89
MW - 12	04/15/16	3499.66	-	27.37	0.00	3472.29
MW - 12	05/24/16	3499.66	-	27.55	0.00	3472.11
MW - 12	06/28/16	3499.66	-	28.08	0.00	3471.58
MW - 12	07/21/16	3499.66	-	28.50	0.00	3471.16
MW - 12	08/18/16	3499.66	-	28.72	0.00	3470.94
MW - 12	10/25/16	3499.66	-	26.69	0.00	3472.97
MW - 12	11/22/16	3499.66	-	26.67	0.00	3472.99
MW - 12	12/27/16	3499.66	-	26.78	0.00	3472.88
MW - 12	01/24/17	3499.66	-	26.70	0.00	3472.96
MW - 12	02/28/17	3499.66	-	26.87	0.00	3472.79
MW - 12	04/19/17	3499.66	-	26.44	0.00	3473.22
MW - 12	05/18/17	3499.66	-	26.65	0.00	3473.01
MW - 12	06/12/17	3499.66	-	26.88	0.00	3472.78
MW - 12	07/25/17	3499.66	-	27.37	0.00	3472.29
MW - 12	08/14/17	3499.66	-	26.95	0.00	3472.71
MW - 12	10/17/17	3499.66	-	26.59	0.00	3473.07
MW - 12	11/15/17	3499.66	-	26.68	0.00	3472.98
MW - 12	12/22/17	3499.66	-	26.66	0.00	3473.00

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	01/17/18	3499.66	-	26.69	0.00	3472.97
MW - 12	02/19/18	3499.66	-	26.56	0.00	3473.10
MW - 12	03/28/18	3499.66	-	26.64	0.00	3473.02
MW - 12	04/27/18	3499.66	-	26.71	0.00	3472.95
MW - 12	05/15/18	3499.66	-	26.83	0.00	3472.83
MW - 12	06/29/18	3499.66	-	27.04	0.00	3472.62
MW - 12	07/16/18	3499.66	-	27.68	0.00	3471.98
MW - 12	08/14/18	3499.66	-	28.04	0.00	3471.62
MW - 12	11/28/18	3499.66	-	27.18	0.00	3472.48
MW - 12	12/14/18	3499.66	-	27.26	0.00	3472.40
MW - 12	01/29/19	3499.66	-	27.15	0.00	3472.51
MW - 12	03/04/19	3499.66	-	27.12	0.00	3472.54
MW - 12	03/29/19	3499.66	-	26.88	0.00	3472.78
MW - 12	04/18/19	3499.66	-	26.92	0.00	3472.74
MW - 12	05/13/19	3499.66	-	26.94	0.00	3472.72
MW - 12	06/06/19	3499.66	-	27.25	0.00	3472.41
MW - 12	07/17/19	3499.66	-	27.64	0.00	3472.02
MW - 12	09/10/19	3499.66	-	28.08	0.00	3471.58
MW - 12	10/16/19	3499.66	-	27.59	0.00	3472.07
MW - 12	12/03/19	3499.66	-	27.22	0.00	3472.44
MW - 12	12/30/19	3499.66	-	27.27	0.00	3472.39
MW - 12	01/14/20	3499.66	-	27.23	0.00	3472.43
MW - 12	02/12/20	3499.66	-	27.16	0.00	3472.50
MW - 12	05/15/20	3499.66	-	26.79	0.00	3472.87
MW - 12	06/24/20	3499.66	-	27.53	0.00	3472.13
MW - 12	07/28/20	3499.66	-	27.98	0.00	3471.68
MW - 12	08/18/20	3499.66	-	28.09	0.00	3471.57
MW - 12	09/11/20	3499.66	-	28.25	0.00	3471.41
MW - 12	10/30/20	3499.66	-	28.33	0.00	3471.33
MW - 12	11/10/20	3499.66	-	28.31	0.00	3471.35
MW - 12	12/30/20	3499.66	-	28.29	0.00	3471.37
MW - 12	01/21/21	3499.66	-	28.14	0.00	3471.52
MW - 12	03/17/21	3499.66	-	28.34	0.00	3471.32
MW - 12	05/26/21	3499.66	-	28.28	0.00	3471.38
MW - 12	07/26/21	3499.66	-	28.40	0.00	3471.26
MW - 12	09/28/21	3499.66	-	28.64	0.00	3471.02
MW - 12	10/13/21	3499.66	-	28.59	0.00	3471.07
MW - 12	12/01/21	3499.66	-	28.58	0.00	3471.08
MW - 13	06/07/02	3501.60	-	29.51	0.00	3472.09
MW - 13	09/27/02	3501.60	-	29.66	0.00	3471.94
MW - 13	12/04/02	3501.60	-	29.37	0.00	3472.23
MW - 13	02/25/03	3501.60	-	29.34	0.00	3472.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	05/22/03	3501.60	-	29.41	0.00	3472.19
MW - 13	08/26/03	3501.60	-	30.57	0.00	3471.03
MW - 13	11/25/03	3501.60	-	30.77	0.00	3470.83
MW - 13	02/10/04	3501.60	-	30.75	0.00	3470.85
MW - 13	05/10/04	3501.60	-	27.80	0.00	3473.80
MW - 13	08/25/04	3501.60	-	28.58	0.00	3473.02
MW - 13	12/01/04	3501.60	-	26.90	0.00	3474.70
MW - 13	03/10/05	3501.60	-	26.55	0.00	3475.05
MW - 13	06/10/05	3501.60	-	26.17	0.00	3475.43
MW - 13	09/09/05	3501.60	-	26.53	0.00	3475.07
MW - 13	09/13/05	Plugged and Abandoned				
MW - 14	06/07/02	3498.54	-	29.00	0.00	3469.54
MW - 14	09/27/02	3498.54	-	29.13	0.00	3469.41
MW - 14	12/04/02	3498.54	-	28.79	0.00	3469.75
MW - 14	02/25/03	3498.54	-	28.74	0.00	3469.80
MW - 14	05/22/03	3498.54	-	28.78	0.00	3469.76
MW - 14	08/26/03	3498.54	-	29.87	0.00	3468.67
MW - 14	11/25/03	3498.54	-	30.07	0.00	3468.47
MW - 14	02/10/04	3498.54	-	30.11	0.00	3468.43
MW - 14	05/10/04	3498.54	-	27.81	0.00	3470.73
MW - 14	12/02/04	3498.54	-	26.76	0.00	3471.78
MW - 14	01/11/05	3498.54	26.20	27.82	1.62	3472.10
MW - 14	01/14/05	3498.54	26.85	27.90	1.05	3471.53
MW - 14	01/18/05	3498.54	26.64	27.80	1.16	3471.73
MW - 14	01/21/05	3498.54	26.98	27.15	0.17	3471.53
MW - 14	01/25/05	3498.54	26.80	26.89	0.09	3471.73
MW - 14	01/28/05	3498.54	sheen	26.79	0.00	3471.75
MW - 14	02/02/05	3498.54	sheen	26.69	0.00	3471.85
MW - 14	02/05/05	3498.54	sheen	26.43	0.00	3472.11
MW - 14	02/08/05	3498.54	sheen	26.47	0.00	3472.07
MW - 14	03/10/05	3498.54	-	26.05	0.00	3472.49
MW - 14	06/10/05	3498.54	-	25.40	0.00	3473.14
MW - 14	09/09/05	3498.54	-	25.94	0.00	3472.60
MW - 14	12/05/05	3498.54	-	25.81	0.00	3472.73
MW - 14	03/09/06	3498.54	-	25.58	0.00	3472.96
MW - 14	06/08/06	3498.54	-	26.16	0.00	3472.38
MW - 14	09/15/06	3498.54	-	25.74	0.00	3472.80
MW - 14	11/29/06	3498.54	-	25.56	0.00	3472.98
MW - 14	02/26/07	3498.54	-	25.60	0.00	3472.94
MW - 14	05/21/07	3498.54	-	24.93	0.00	3473.61
MW - 14	08/16/07	3498.54	-	25.93	0.00	3472.61
MW - 14	11/07/07	3498.54	-	25.51	0.00	3473.03
MW - 14	02/12/08	3498.54	-	25.51	0.00	3473.03
MW - 14	05/15/08	3498.54	-	25.66	0.00	3472.88

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	08/18/08	3498.54	-	26.74	0.00	3471.80
MW - 14	11/13/08	3498.54	-	26.11	0.00	3472.43
MW - 14	02/11/09	3498.54	-	26.17	0.00	3472.37
MW - 14	05/13/09	3498.54	-	26.28	0.00	3472.26
MW - 14	08/11/09	3498.54	-	27.10	0.00	3471.44
MW - 14	11/23/09	3498.54	-	27.29	0.00	3471.25
MW - 14	01/05/09	3498.54	-	27.19	0.00	3471.35
MW - 14	02/10/10	3498.54	-	27.31	0.00	3471.23
MW - 14	05/25/10	3498.54	-	27.28	0.00	3471.26
MW - 14	08/13/10	3498.54	-	27.28	0.00	3471.26
MW - 14	11/17/10	3498.54	-	27.28	0.00	3471.26
MW - 14	02/22/11	3498.54	-	27.26	0.00	3471.28
MW - 14	05/17/11	3498.54	-	27.29	0.00	3471.25
MW - 14	08/11/11	3498.54	-	27.95	0.00	3470.59
MW - 14	11/08/11	3498.54	-	28.10	0.00	3470.44
MW - 14	03/01/12	3498.54	-	27.76	0.00	3470.78
MW - 14	05/23/12	3498.54	-	27.70	0.00	3470.84
MW - 14	08/09/12	3498.54	-	28.28	0.00	3470.26
MW - 14	11/19/12	3498.54	-	28.29	0.00	3470.25
MW - 14	02/12/13	3498.54	-	28.21	0.00	3470.33
MW - 14	05/15/13	3498.54	-	28.10	0.00	3470.44
MW - 14	08/07/13	3498.54	-	28.65	0.00	3469.89
MW - 14	11/26/13	3498.54	-	28.80	0.00	3469.74
MW - 14	02/10/14	3498.54	-	28.66	0.00	3469.88
MW - 14	05/22/14	3498.54	-	28.73	0.00	3469.81
MW - 14	07/22/14	3498.54	-	29.31	0.00	3469.23
MW - 14	08/13/14	3498.54	-	29.44	0.00	3469.10
MW - 14	10/27/14	3498.54	-	27.27	0.00	3471.27
MW - 14	11/05/14	3498.54	-	27.53	0.00	3471.01
MW - 14	11/18/14	3498.54	-	27.06	0.00	3471.48
MW - 14	01/09/15	3498.54	-	27.58	0.00	3470.96
MW - 14	02/17/15	3498.54	-	27.56	0.00	3470.98
MW - 14	03/31/15	3498.54	-	27.25	0.00	3471.29
MW - 14	05/14/15	3498.54	-	26.79	0.00	3471.75
MW - 14	07/09/15	3498.54	-	27.07	0.00	3471.47
MW - 14	08/04/15	3498.54	-	27.53	0.00	3471.01
MW - 14	11/16/15	3498.54	-	26.92	0.00	3471.62
MW - 14	01/15/16	3498.54	-	27.05	0.00	3471.49
MW - 14	02/10/16	3498.54	-	27.02	0.00	3471.52
MW - 14	04/15/16	3498.54	-	26.65	0.00	3471.89
MW - 14	05/24/16	3498.54	-	26.87	0.00	3471.67
MW - 14	06/28/16	3498.54	-	27.35	0.00	3471.19
MW - 14	07/21/16	3498.54	-	27.76	0.00	3470.78
MW - 14	08/18/16	3498.54	-	27.93	0.00	3470.61
MW - 14	10/25/16	3498.54	-	25.43	0.00	3473.11
MW - 14	11/21/16	3498.54	-	25.67	0.00	3472.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	12/27/16	3498.54	-	25.95	0.00	3472.59
MW - 14	01/24/17	3498.54	-	25.85	0.00	3472.69
MW - 14	02/28/17	3498.54	-	26.04	0.00	3472.50
MW - 14	04/19/17	3498.54	-	25.64	0.00	3472.90
MW - 14	05/18/17	3498.54	-	25.86	0.00	3472.68
MW - 14	06/12/17	3498.54	-	26.13	0.00	3472.41
MW - 14	07/25/17	3498.54	-	26.58	0.00	3471.96
MW - 14	08/14/17	3498.54	-	25.90	0.00	3472.64
MW - 14	10/17/17	3498.54	-	25.16	0.00	3473.38
MW - 14	11/15/17	3498.54	-	25.88	0.00	3472.66
MW - 14	12/22/17	3498.54	-	25.91	0.00	3472.63
MW - 14	01/17/18	3498.54	-	25.92	0.00	3472.62
MW - 14	02/19/18	3498.54	-	25.79	0.00	3472.75
MW - 14	03/28/18	3498.54	-	25.89	0.00	3472.65
MW - 14	04/27/18	3498.54	-	25.96	0.00	3472.58
MW - 14	05/15/18	3498.54	-	26.08	0.00	3472.46
MW - 14	06/29/18	3498.54	-	26.65	0.00	3471.89
MW - 14	07/16/18	3498.54	-	27.93	0.00	3470.61
MW - 14	08/14/18	3498.54	-	27.38	0.00	3471.16
MW - 14	11/28/18	3498.54	-	26.33	0.00	3472.21
MW - 14	12/14/18	3498.54	-	26.50	0.00	3472.04
MW - 14	01/29/19	3498.54	-	26.39	0.00	3472.15
MW - 14	03/04/19	3498.54	-	26.39	0.00	3472.15
MW - 14	03/29/19	3498.54	-	25.95	0.00	3472.59
MW - 14	04/18/19	3498.54	-	26.15	0.00	3472.39
MW - 14	05/13/19	3498.54	-	26.20	0.00	3472.34
MW - 14	06/06/19	3498.54	-	26.50	0.00	3472.04
MW - 14	07/17/19	3498.54	-	26.73	0.00	3471.81
MW - 14	09/10/19	3498.54	-	27.16	0.00	3471.38
MW - 14	10/16/19	3498.54	-	26.50	0.00	3472.04
MW - 14	12/03/19	3498.54	-	26.25	0.00	3472.29
MW - 14	12/30/19	3498.54	-	26.49	0.00	3472.05
MW - 14	01/14/20	3498.54	-	26.48	0.00	3472.06
MW - 14	02/12/20	3498.54	-	26.39	0.00	3472.15
MW - 14	05/15/20	3498.54	-	26.04	0.00	3472.50
MW - 14	06/24/20	3498.54	-	26.79	0.00	3471.75
MW - 14	07/28/20	3498.54	-	27.22	0.00	3471.32
MW - 14	08/18/20	3498.54	-	27.31	0.00	3471.23
MW - 14	09/11/20	3498.54	-	27.49	0.00	3471.05
MW - 14	10/30/20	3498.54	-	27.64	0.00	3470.90
MW - 14	11/10/20	3498.54	-	27.57	0.00	3470.97
MW - 14	12/30/20	3498.54	-	27.59	0.00	3470.95
MW - 14	01/21/21	3498.54	-	27.45	0.00	3471.09
MW - 14	03/17/21	3498.54	-	27.64	0.00	3470.90
MW - 14	05/26/21	3498.54	-	27.56	0.00	3470.98
MW - 14	09/28/21	3498.54	-	27.86	0.00	3470.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	10/13/21	3498.54	-	27.73	0.00	3470.81
MW - 14	12/01/21	3498.54	-	27.85	0.00	3470.69
MW - 15	06/07/02	3500.65	-	31.42	0.00	3469.23
MW - 15	09/27/02	3500.65	-	31.40	0.00	3469.25
MW - 15	12/04/02	3500.65	-	31.13	0.00	3469.52
MW - 15	02/25/03	3500.65	-	31.00	0.00	3469.65
MW - 15	05/22/03	3500.65	-	31.08	0.00	3469.57
MW - 15	08/26/03	3500.65	-	32.13	0.00	3468.52
MW - 15	11/25/03	3500.65	-	32.36	0.00	3468.29
MW - 15	02/10/04	3500.65	-	32.37	0.00	3468.28
MW - 15	05/10/04	3500.65	-	30.23	0.00	3470.42
MW - 15	08/25/04	3500.65	-	30.42	0.00	3470.23
MW - 15	12/01/04	3500.65	-	28.83	0.00	3471.82
MW - 15	03/10/05	3500.65	-	28.15	0.00	3472.50
MW - 15	06/10/05	3500.65	-	27.56	0.00	3473.09
MW - 15	09/09/05	3500.65	-	28.14	0.00	3472.51
MW - 15	12/05/05	3500.65	-	27.90	0.00	3472.75
MW - 15	03/09/06	3500.65	-	27.73	0.00	3472.92
MW - 15	06/08/06	3500.65	-	28.31	0.00	3472.34
MW - 15	09/15/06	3500.65	-	28.02	0.00	3472.63
MW - 15	11/29/06	3500.65	-	27.76	0.00	3472.89
MW - 15	02/26/07	3500.65	-	27.70	0.00	3472.95
MW - 15	05/21/07	3500.65	-	27.26	0.00	3473.39
MW - 15	08/16/07	3500.65	-	28.11	0.00	3472.54
MW - 15	11/07/07	3500.65	-	27.69	0.00	3472.96
MW - 15	02/12/08	3500.65	-	28.34	0.00	3472.31
MW - 15	05/15/08	3500.65	-	27.86	0.00	3472.79
MW - 15	08/18/08	3500.65	-	28.97	0.00	3471.68
MW - 15	11/13/08	3500.65	-	28.37	0.00	3472.28
MW - 15	02/11/09	3500.65	-	28.39	0.00	3472.26
MW - 15	05/13/09	3500.65	-	28.49	0.00	3472.16
MW - 15	08/11/09	3500.65	-	29.32	0.00	3471.33
MW - 15	11/23/09	3500.65	-	29.56	0.00	3471.09
MW - 15	01/05/10	3500.65	-	29.41	0.00	3471.24
MW - 15	02/10/10	3500.65	-	29.58	0.00	3471.07
MW - 15	05/25/10	3500.65	-	29.53	0.00	3471.12
MW - 15	08/13/10	3500.65	-	29.52	0.00	3471.13
MW - 15	11/17/10	3500.65	-	29.59	0.00	3471.06
MW - 15	02/22/11	3500.65	-	29.58	0.00	3471.07
MW - 15	05/17/11	3500.65	-	29.58	0.00	3471.07
MW - 15	08/11/11	3500.65	-	30.15	0.00	3470.50
MW - 15	11/08/11	3500.65	-	30.40	0.00	3470.25
MW - 15	03/01/12	3500.65	-	30.06	0.00	3470.59

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	05/23/12	3500.65	-	30.05	0.00	3470.60
MW - 15	08/09/12	3500.65	-	30.64	0.00	3470.01
MW - 15	11/19/12	3500.65	-	30.60	0.00	3470.05
MW - 15	02/12/13	3500.65	-	30.52	0.00	3470.13
MW - 15	05/15/13	3500.65	-	30.45	0.00	3470.20
MW - 15	08/07/13	3500.65	-	31.08	0.00	3469.57
MW - 15	11/27/13	3500.65	-	31.18	0.00	3469.47
MW - 15	02/10/14	3500.65	-	30.98	0.00	3469.67
MW - 15	05/22/14	3500.65	-	31.05	0.00	3469.60
MW - 15	07/22/14	3500.65	-	31.72	0.00	3468.93
MW - 15	08/13/14	3500.65	-	31.81	0.00	3468.84
MW - 15	10/27/14	3500.65	-	29.82	0.00	3470.83
MW - 15	11/05/14	3500.65	-	29.99	0.00	3470.66
MW - 15	01/09/15	3500.65	-	29.86	0.00	3470.79
MW - 15	02/17/15	3500.65	-	29.79	0.00	3470.86
MW - 15	03/31/15	3500.65	-	29.47	0.00	3471.18
MW - 15	05/14/15	3500.65	-	29.17	0.00	3471.48
MW - 15	07/09/15	3500.65	-	29.44	0.00	3471.21
MW - 15	08/04/15	3500.65	-	29.86	0.00	3470.79
MW - 15	11/16/15	3500.65	-	29.29	0.00	3471.36
MW - 15	01/15/16	3500.65	-	29.34	0.00	3471.31
MW - 15	02/10/16	3500.65	-	29.32	0.00	3471.33
MW - 15	04/15/16	3500.65	-	28.97	0.00	3471.68
MW - 15	05/24/16	3500.65	-	29.12	0.00	3471.53
MW - 15	06/28/16	3500.65	-	29.64	0.00	3471.01
MW - 15	07/21/16	3500.65	-	30.04	0.00	3470.61
MW - 15	08/18/16	3500.65	-	30.25	0.00	3470.40
MW - 15	10/25/16	3500.65	-	27.65	0.00	3473.00
MW - 15	11/21/16	3500.65	-	27.90	0.00	3472.75
MW - 15	12/27/16	3500.65	-	28.10	0.00	3472.55
MW - 15	01/24/17	3500.65	-	28.01	0.00	3472.64
MW - 15	02/28/17	3500.65	-	28.16	0.00	3472.49
MW - 15	04/19/17	3500.65	-	27.82	0.00	3472.83
MW - 15	05/18/17	3500.65	-	28.03	0.00	3472.62
MW - 15	06/12/17	3500.65	-	28.28	0.00	3472.37
MW - 15	07/25/17	3500.65	-	27.76	0.00	3472.89
MW - 15	08/14/17	3500.65	-	28.33	0.00	3472.32
MW - 15	10/17/17	3500.65	-	27.99	0.00	3472.66
MW - 15	11/15/17	3500.65	-	28.12	0.00	3472.53
MW - 15	12/22/17	3500.65	-	28.14	0.00	3472.51
MW - 15	01/17/18	3500.65	-	28.14	0.00	3472.51
MW - 15	02/19/18	3500.65	-	28.01	0.00	3472.64
MW - 15	03/28/18	3500.65	-	28.12	0.00	3472.53

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	04/27/18	3500.65	-	28.21	0.00	3472.44
MW - 15	05/15/18	3500.65	-	28.29	0.00	3472.36
MW - 15	06/29/18	3500.65	-	28.88	0.00	3471.77
MW - 15	07/16/18	3500.65	-	29.12	0.00	3471.53
MW - 15	08/14/18	3500.65	-	29.50	0.00	3471.15
MW - 15	11/28/18	3500.65	-	28.61	0.00	3472.04
MW - 15	12/14/18	3500.65	-	28.75	0.00	3471.90
MW - 15	01/29/19	3500.65	-	28.65	0.00	3472.00
MW - 15	03/04/19	3500.65	-	28.66	0.00	3471.99
MW - 15	03/29/19	3500.65	-	28.31	0.00	3472.34
MW - 15	04/18/19	3500.65	-	28.43	0.00	3472.22
MW - 15	05/13/19	3500.65	-	28.47	0.00	3472.18
MW - 15	06/06/19	3500.65	-	28.72	0.00	3471.93
MW - 15	07/17/19	3500.65	-	29.05	0.00	3471.60
MW - 15	09/10/19	3500.65	-	29.45	0.00	3471.20
MW - 15	10/16/19	3500.65	-	28.93	0.00	3471.72
MW - 15	12/03/19	3500.65	-	28.63	0.00	3472.02
MW - 15	12/30/19	3500.65	-	28.73	0.00	3471.92
MW - 15	01/14/20	3500.65	-	28.72	0.00	3471.93
MW - 15	02/12/20	3500.65	-	28.63	0.00	3472.02
MW - 15	05/15/20	3500.65	-	28.27	0.00	3472.38
MW - 15	06/24/20	3500.65	-	29.00	0.00	3471.65
MW - 15	07/28/20	3500.65	-	29.44	0.00	3471.21
MW - 15	08/18/20	3500.65	-	29.54	0.00	3471.11
MW - 15	09/11/20	3500.65	-	29.70	0.00	3470.95
MW - 15	10/30/20	3500.65	-	29.86	0.00	3470.79
MW - 15	11/10/20	3500.65	-	29.68	0.00	3470.97
MW - 15	12/30/20	3500.65	-	29.82	0.00	3470.83
MW - 15	01/21/21	3500.65	-	29.70	0.00	3470.95
MW - 15	03/17/21	3500.65	-	29.87	0.00	3470.78
MW - 15	05/26/21	3500.65	-	29.85	0.00	3470.80
MW - 15	07/26/21	3500.65	-	29.91	0.00	3470.74
MW - 15	09/28/21	3500.65	-	30.22	0.00	3470.43
MW - 15	10/13/21	3500.65	-	30.10	0.00	3470.55
MW - 15	12/01/21	3500.65	-	30.13	0.00	3470.52
MW - 16	06/07/02	3501.45	-	32.78	0.00	3468.67
MW - 16	09/27/02	3501.45	-	32.77	0.00	3468.68
MW - 16	12/04/02	3501.45	-	32.49	0.00	3468.96
MW - 16	02/25/03	3501.45	-	32.36	0.00	3469.09
MW - 16	05/22/03	3501.45	-	32.41	0.00	3469.04
MW - 16	08/26/03	3501.45	-	33.50	0.00	3467.95
MW - 16	11/25/03	3501.45	-	33.73	0.00	3467.72
MW - 16	02/10/04	3501.45	-	33.78	0.00	3467.67

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	05/10/04	3501.45	-	31.77	0.00	3469.68
MW - 16	08/25/04	3501.45	-	31.79	0.00	3469.66
MW - 16	12/01/04	3501.45	-	30.27	0.00	3471.18
MW - 16	03/10/05	3501.45	-	25.60	0.00	3475.85
MW - 16	06/10/05	3501.45	-	28.95	0.00	3472.50
MW - 16	09/09/05	3501.45	-	29.51	0.00	3471.94
MW - 16	12/05/05	3501.45	-	29.30	0.00	3472.15
MW - 16	03/09/06	3501.45	-	29.09	0.00	3472.36
MW - 16	06/08/06	3501.45	-	29.71	0.00	3471.74
MW - 16	09/15/06	3501.45	-	29.41	0.00	3472.04
MW - 16	11/29/06	3501.45	-	29.13	0.00	3472.32
MW - 16	02/26/07	3501.45	-	29.06	0.00	3472.39
MW - 16	05/21/07	3501.45	-	28.58	0.00	3472.87
MW - 16	08/16/07	3501.45	-	29.48	0.00	3471.97
MW - 16	11/07/07	3501.45	-	29.07	0.00	3472.38
MW - 16	02/12/08	3501.45	-	29.67	0.00	3471.78
MW - 16	05/15/08	3501.45	-	29.24	0.00	3472.21
MW - 16	08/18/08	3501.45	-	30.34	0.00	3471.11
MW - 16	11/13/08	3501.45	-	29.78	0.00	3471.67
MW - 16	02/11/09	3501.45	-	29.85	0.00	3471.60
MW - 16	05/13/09	3501.45	-	29.84	0.00	3471.61
MW - 16	08/11/09	3501.45	-	30.73	0.00	3470.72
MW - 16	11/23/09	3501.45	-	30.94	0.00	3470.51
MW - 16	01/05/10	3501.45	-	30.86	0.00	3470.59
MW - 16	02/10/10	3501.45	-	30.96	0.00	3470.49
MW - 16	05/25/10	3501.45	-	30.92	0.00	3470.53
MW - 16	08/13/10	3501.45	-	30.93	0.00	3470.52
MW - 16	11/17/10	3501.45	-	30.92	0.00	3470.53
MW - 16	02/22/11	3501.45	-	30.91	0.00	3470.54
MW - 16	05/17/11	3501.45	-	30.94	0.00	3470.51
MW - 16	08/11/11	3501.45	-	30.96	0.00	3470.49
MW - 16	11/08/11	3501.45	-	31.75	0.00	3469.70
MW - 16	03/01/12	3501.45	-	31.45	0.00	3470.00
MW - 16	05/23/12	3501.45	-	31.43	0.00	3470.02
MW - 16	08/09/12	3501.45	-	31.23	0.00	3470.22
MW - 16	11/19/12	3501.45	-	32.01	0.00	3469.44
MW - 16	02/12/13	3501.45	-	31.89	0.00	3469.56
MW - 16	05/15/13	3501.45	-	31.81	0.00	3469.64
MW - 16	08/07/13	3501.45	-	32.45	0.00	3469.00
MW - 16	11/26/13	3501.45	-	32.57	0.00	3468.88
MW - 16	02/10/14	3501.45	-	32.37	0.00	3469.08
MW - 16	05/22/14	3501.45	-	32.45	0.00	3469.00
MW - 16	07/22/14	3501.45	-	33.04	0.00	3468.41
MW - 16	08/13/14	3501.45	-	33.16	0.00	3468.29
MW - 16	10/27/14	3501.45	-	31.26	0.00	3470.19
MW - 16	11/05/14	3501.45	-	31.40	0.00	3470.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	01/09/15	3501.45	-	31.26	0.00	3470.19
MW - 16	02/17/15	3501.45	-	31.17	0.00	3470.28
MW - 16	03/31/15	3501.45	-	30.89	0.00	3470.56
MW - 16	05/14/15	3501.45	-	30.59	0.00	3470.86
MW - 16	07/09/15	3501.45	-	30.83	0.00	3470.62
MW - 16	08/04/15	3501.45	-	31.24	0.00	3470.21
MW - 16	11/16/15	3501.45	-	30.68	0.00	3470.77
MW - 16	01/15/16	3501.45	-	30.73	0.00	3470.72
MW - 16	02/10/16	3501.45	-	30.72	0.00	3470.73
MW - 16	04/15/16	3501.45	-	30.36	0.00	3471.09
MW - 16	05/24/16	3501.45	-	30.54	0.00	3470.91
MW - 16	06/28/16	3501.45	-	31.04	0.00	3470.41
MW - 16	07/21/16	3501.45	-	31.40	0.00	3470.05
MW - 16	08/18/16	3501.45	-	31.60	0.00	3469.85
MW - 16	10/25/16	3501.45	-	29.10	0.00	3472.35
MW - 16	11/21/16	3501.45	-	29.32	0.00	3472.13
MW - 16	12/27/16	3501.45	-	29.52	0.00	3471.93
MW - 16	01/24/17	3501.45	-	29.40	0.00	3472.05
MW - 16	02/28/17	3501.45	-	29.60	0.00	3471.85
MW - 16	04/19/17	3501.45	-	29.20	0.00	3472.25
MW - 16	05/18/17	3501.45	-	29.44	0.00	3472.01
MW - 16	06/12/17	3501.45	-	29.71	0.00	3471.74
MW - 16	07/25/17	3501.45	-	30.19	0.00	3471.26
MW - 16	08/14/17	3501.45	-	29.70	0.00	3471.75
MW - 16	10/17/17	3501.45	-	29.38	0.00	3472.07
MW - 16	11/15/17	3501.45	-	29.51	0.00	3471.94
MW - 16	12/22/17	3501.45	-	29.53	0.00	3471.92
MW - 16	01/17/18	3501.45	-	29.56	0.00	3471.89
MW - 16	02/19/18	3501.45	-	29.39	0.00	3472.06
MW - 16	03/28/18	3501.45	-	29.51	0.00	3471.94
MW - 16	04/27/18	3501.45	-	29.60	0.00	3471.85
MW - 16	05/15/18	3501.45	-	29.70	0.00	3471.75
MW - 16	06/29/18	3501.45	-	30.27	0.00	3471.18
MW - 16	07/16/18	3501.45	-	30.53	0.00	3470.92
MW - 16	08/14/18	3501.45	-	30.88	0.00	3470.57
MW - 16	11/28/18	3501.45	-	29.98	0.00	3471.47
MW - 16	12/14/18	3501.45	-	30.16	0.00	3471.29
MW - 16	01/29/19	3501.45	-	30.03	0.00	3471.42
MW - 16	03/04/19	3501.45	-	30.02	0.00	3471.43
MW - 16	03/29/19	3501.45	-	29.71	0.00	3471.74
MW - 16	04/18/19	3501.45	-	29.86	0.00	3471.59
MW - 16	05/13/19	3501.45	-	29.87	0.00	3471.58
MW - 16	06/06/19	3501.45	-	30.12	0.00	3471.33
MW - 16	07/17/19	3501.45	-	30.45	0.00	3471.00
MW - 16	09/10/19	3501.45	-	30.86	0.00	3470.59
MW - 16	10/16/19	3501.45	-	30.34	0.00	3471.11

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	12/03/19	3501.45	-	30.02	0.00	3471.43
MW - 16	12/30/19	3501.45	-	30.14	0.00	3471.31
MW - 16	01/14/20	3501.45	-	30.12	0.00	3471.33
MW - 16	02/12/20	3501.45	-	30.02	0.00	3471.43
MW - 16	05/15/20	3501.45	-	29.67	0.00	3471.78
MW - 16	06/24/20	3501.45	-	30.40	0.00	3471.05
MW - 16	07/28/20	3501.45	-	30.82	0.00	3470.63
MW - 16	08/18/20	3501.45	-	30.92	0.00	3470.53
MW - 16	09/11/20	3501.45	-	31.09	0.00	3470.36
MW - 16	10/30/20	3501.45	-	31.25	0.00	3470.20
MW - 16	11/10/20	3501.45	-	31.09	0.00	3470.36
MW - 16	12/30/20	3501.45	-	31.23	0.00	3470.22
MW - 16	01/21/21	3501.45	-	31.09	0.00	3470.36
MW - 16	03/17/21	3501.45	-	31.27	0.00	3470.18
MW - 16	05/26/21	3501.45	-	31.25	0.00	3470.20
MW - 16	07/26/21	3501.45	-	31.30	0.00	3470.15
MW - 16	09/28/21	3501.45	-	31.59	0.00	3469.86
MW - 16	10/13/21	3501.45	-	31.49	0.00	3469.96
MW - 16	12/01/21	3501.45	-	30.57	0.00	3470.88
MW - 17	06/07/02	3498.32	-	30.25	0.00	3468.07
MW - 17	09/27/02	3498.32	-	30.32	0.00	3468.00
MW - 17	12/04/02	3498.32	-	30.11	0.00	3468.21
MW - 17	02/25/03	3498.32	-	29.94	0.00	3468.38
MW - 17	05/22/03	3498.32	-	29.94	0.00	3468.38
MW - 17	08/26/03	3498.32	-	31.04	0.00	3467.28
MW - 17	11/24/03	3498.32	-	31.25	0.00	3467.07
MW - 17	02/10/04	3498.32	-	31.29	0.00	3467.03
MW - 17	05/10/04	3498.32	-	29.35	0.00	3468.97
MW - 17	08/25/04	3498.32	-	29.31	0.00	3469.01
MW - 17	12/01/04	3498.32	-	27.92	0.00	3470.40
MW - 17	03/10/05	3498.32	-	27.54	0.00	3470.78
MW - 17	06/10/05	3498.32	-	26.47	0.00	3471.85
MW - 17	09/09/05	3498.32	-	27.05	0.00	3471.27
MW - 17	12/05/05	3498.32	-	26.85	0.00	3471.47
MW - 17	03/09/06	3498.32	-	26.64	0.00	3471.68
MW - 17	06/08/06	3498.32	-	27.33	0.00	3470.99
MW - 17	09/15/06	3498.32	-	27.00	0.00	3471.32
MW - 17	11/29/06	3498.32	-	26.74	0.00	3471.58
MW - 17	02/14/07	3498.32	-	26.76	0.00	3471.56
MW - 17	02/26/07	3498.32	-	26.61	0.00	3471.71
MW - 17	05/21/07	3498.32	-	26.23	0.00	3472.09
MW - 17	08/16/07	3498.32	-	27.00	0.00	3471.32
MW - 17	11/02/07	3498.32	-	26.64	0.00	3471.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	02/12/08	3498.32	-	27.32	0.00	3471.00
MW - 17	05/15/08	3498.32	-	26.85	0.00	3471.47
MW - 17	08/18/08	3498.32	-	27.87	0.00	3470.45
MW - 17	09/17/08	3498.32	-	27.65	0.00	3470.67
MW - 17	09/29/08	3498.32	-	27.57	0.00	3470.75
MW - 17	10/06/08	3498.32	-	27.61	0.00	3470.71
MW - 17	10/13/08	3498.32	-	27.74	0.00	3470.58
MW - 17	10/20/08	3498.32	-	27.75	0.00	3470.57
MW - 17	10/29/08	3498.32	-	27.56	0.00	3470.76
MW - 17	11/05/08	3498.32	-	27.38	0.00	3470.94
MW - 17	11/10/08	3498.32	-	27.43	0.00	3470.89
MW - 17	11/13/08	3498.32	-	27.48	0.00	3470.84
MW - 17	12/03/08	3498.32	-	27.45	0.00	3470.87
MW - 17	12/16/08	3498.32	-	27.39	0.00	3470.93
MW - 17	12/30/08	3498.32	-	27.49	0.00	3470.83
MW - 17	02/11/09	3498.32	-	27.50	0.00	3470.82
MW - 17	02/24/09	3498.32	-	27.41	0.00	3470.91
MW - 17	03/04/09	3498.32	-	27.37	0.00	3470.95
MW - 17	03/17/09	3498.32	-	27.43	0.00	3470.89
MW - 17	03/25/09	3498.32	-	27.44	0.00	3470.88
MW - 17	04/08/09	3498.32	-	27.42	0.00	3470.90
MW - 17	04/15/09	3498.32	-	26.72	0.00	3471.60
MW - 17	04/29/09	3498.32	-	27.43	0.00	3470.89
MW - 17	05/13/09	3498.32	-	27.46	0.00	3470.86
MW - 17	06/10/09	3498.32	-	27.48	0.00	3470.84
MW - 17	06/12/09	3498.32	-	27.94	0.00	3470.38
MW - 17	06/18/09	3498.32	-	27.48	0.00	3470.84
MW - 17	07/02/09	3498.32	-	28.09	0.00	3470.23
MW - 17	07/08/09	3498.32	-	28.06	0.00	3470.26
MW - 17	07/14/09	3498.32	-	28.11	0.00	3470.21
MW - 17	07/20/09	3498.32	-	28.13	0.00	3470.19
MW - 17	07/27/09	3498.32	-	28.13	0.00	3470.19
MW - 17	08/03/09	3498.32	-	28.15	0.00	3470.17
MW - 17	08/11/09	3498.32	-	28.29	0.00	3470.03
MW - 17	08/24/09	3498.32	-	38.23	0.00	3460.09
MW - 17	08/31/09	3498.32	-	38.27	0.00	3460.05
MW - 17	09/08/09	3498.32	-	28.46	0.00	3469.86
MW - 17	09/22/09	3498.32	-	28.46	0.00	3469.86
MW - 17	09/29/09	3498.32	-	28.15	0.00	3470.17
MW - 17	10/07/09	3498.32	-	28.51	0.00	3469.81
MW - 17	10/12/09	3498.32	-	28.09	0.00	3470.23
MW - 17	10/16/09	3498.32	-	28.51	0.00	3469.81
MW - 17	10/26/09	3498.32	-	28.10	0.00	3470.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	11/12/09	3498.32	-	28.54	0.00	3469.78
MW - 17	11/23/09	3498.32	-	28.54	0.00	3469.78
MW - 17	12/28/09	3498.32	-	28.13	0.00	3470.19
MW - 17	01/05/10	3498.32	-	28.55	0.00	3469.77
MW - 17	01/20/10	3498.32	-	28.12	0.00	3470.20
MW - 17	01/25/10	3498.32	-	28.13	0.00	3470.19
MW - 17	02/10/10	3498.32	-	28.60	0.00	3469.72
MW - 17	03/01/10	3498.32	-	28.15	0.00	3470.17
MW - 17	05/25/10	3498.32	-	28.47	0.00	3469.85
MW - 17	06/07/10	3498.32	-	28.46	0.00	3469.86
MW - 17	06/12/10	3498.32	-	28.56	0.00	3469.76
MW - 17	06/25/10	3498.32	-	28.93	0.00	3469.39
MW - 17	07/07/10	3498.32	-	28.26	0.00	3470.06
MW - 17	07/12/10	3498.32	-	27.78	0.00	3470.54
MW - 17	08/03/10	3498.32	-	27.61	0.00	3470.71
MW - 17	08/13/10	3498.32	-	27.60	0.00	3470.72
MW - 17	08/19/10	3498.32	-	27.66	0.00	3470.66
MW - 17	08/25/10	3498.32	-	27.77	0.00	3470.55
MW - 17	09/01/10	3498.32	-	27.67	0.00	3470.65
MW - 17	09/09/10	3498.32	-	27.73	0.00	3470.59
MW - 17	09/29/10	3498.32	-	27.73	0.00	3470.59
MW - 17	11/03/10	3498.32	-	27.57	0.00	3470.75
MW - 17	11/10/10	3498.32	-	28.91	0.00	3469.41
MW - 17	11/18/10	3498.32	-	28.52	0.00	3469.80
MW - 17	12/09/10	3498.32	-	27.64	0.00	3470.68
MW - 17	02/22/11	3498.32	-	28.50	0.00	3469.82
MW - 17	03/01/11	3498.32	sheen	28.11	0.00	3470.21
MW - 17	03/07/11	3498.32	sheen	27.99	0.00	3470.33
MW - 17	04/27/11	3498.32	-	28.30	0.00	3470.02
MW - 17	05/05/11	3498.32	sheen	28.29	0.00	3470.03
MW - 17	05/10/11	3498.32	-	28.32	0.00	3470.00
MW - 17	05/17/11	3498.32	-	28.30	0.00	3470.02
MW - 17	05/17/11	3498.32	-	28.30	0.00	3470.02
MW - 17	05/24/11	3498.32	-	28.25	0.00	3470.07
MW - 17	06/07/11	3498.32	-	28.42	0.00	3469.90
MW - 17	06/14/11	3498.32	-	28.43	0.00	3469.89
MW - 17	06/23/11	3498.32	-	28.38	0.00	3469.94
MW - 17	06/28/11	3498.32	-	28.49	0.00	3469.83
MW - 17	07/06/11	3498.32	sheen	28.90	0.00	3469.42
MW - 17	07/14/11	3498.32	-	28.88	0.00	3469.44
MW - 17	07/27/11	3498.32	-	28.91	0.00	3469.41
MW - 17	08/03/11	3498.32	-	29.09	0.00	3469.23
MW - 17	08/11/11	3498.32	-	28.96	0.00	3469.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	08/18/11	3498.32	-	29.15	0.00	3469.17
MW - 17	08/25/11	3498.32	-	29.23	0.00	3469.09
MW - 17	09/02/11	3498.32	-	29.28	0.00	3469.04
MW - 17	09/09/11	3498.32	-	29.32	0.00	3469.00
MW - 17	11/08/11	3498.32	-	29.35	0.00	3468.97
MW - 17	12/28/11	3498.32	-	29.21	0.00	3469.11
MW - 17	01/05/12	3498.32	-	29.29	0.00	3469.03
MW - 17	01/18/12	3498.32	-	29.23	0.00	3469.09
MW - 17	01/27/12	3498.32	-	29.25	0.00	3469.07
MW - 17	02/02/12	3498.32	-	29.20	0.00	3469.12
MW - 17	02/10/12	3498.32	-	29.27	0.00	3469.05
MW - 17	02/15/12	3498.32	-	29.18	0.00	3469.14
MW - 17	03/01/12	3498.32	-	29.06	0.00	3469.26
MW - 17	03/07/12	3498.32	-	29.05	0.00	3469.27
MW - 17	03/14/12	3498.32	-	29.19	0.00	3469.13
MW - 17	03/19/12	3498.32	-	29.00	0.00	3469.32
MW - 17	03/26/12	3498.32	-	29.07	0.00	3469.25
MW - 17	04/04/12	3498.32	-	29.09	0.00	3469.23
MW - 17	04/11/12	3498.32	-	29.10	0.00	3469.22
MW - 17	04/17/12	3498.32	-	29.09	0.00	3469.23
MW - 17	04/25/12	3498.32	-	29.01	0.00	3469.31
MW - 17	05/23/12	3498.32	-	29.06	0.00	3469.26
MW - 17	05/31/12	3498.32	-	29.12	0.00	3469.20
MW - 17	06/06/12	3498.32	-	29.11	0.00	3469.21
MW - 17	06/13/12	3498.32	-	29.21	0.00	3469.11
MW - 17	06/20/12	3498.32	-	29.09	0.00	3469.23
MW - 17	07/11/12	3498.32	-	29.29	0.00	3469.03
MW - 17	07/18/12	3498.32	-	29.37	0.00	3468.95
MW - 17	08/02/12	3498.32	-	29.43	0.00	3468.89
MW - 17	08/09/12	3498.32	-	29.52	0.00	3468.80
MW - 17	08/16/12	3498.32	-	29.60	0.00	3468.72
MW - 17	10/02/12	3498.32	-	29.81	0.00	3468.51
MW - 17	10/10/12	3498.32	-	29.81	0.00	3468.51
MW - 17	10/17/12	3498.32	-	29.59	0.00	3468.73
MW - 17	10/26/12	3498.32	-	29.78	0.00	3468.54
MW - 17	11/01/12	3498.32	-	29.69	0.00	3468.63
MW - 17	11/19/12	3498.32	-	29.67	0.00	3468.65
MW - 17	12/13/12	3498.32	-	29.64	0.00	3468.68
MW - 17	12/18/12	3498.32	-	29.48	0.00	3468.84
MW - 17	01/08/13	3498.32	-	29.50	0.00	3468.82
MW - 17	01/16/13	3498.32	-	29.59	0.00	3468.73
MW - 17	01/24/13	3498.32	-	29.57	0.00	3468.75
MW - 17	01/30/13	3498.32	-	29.59	0.00	3468.73

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	02/12/13	3498.32	-	29.51	0.00	3468.81
MW - 17	03/19/13	3498.32	-	29.42	0.00	3468.90
MW - 17	04/02/13	3498.32	-	29.48	0.00	3468.84
MW - 17	04/08/13	3498.32	-	29.40	0.00	3468.92
MW - 17	04/16/13	3498.32	-	29.50	0.00	3468.82
MW - 17	04/23/13	3498.32	-	29.57	0.00	3468.75
MW - 17	05/01/13	3498.32	-	29.44	0.00	3468.88
MW - 17	05/08/13	3498.32	-	29.42	0.00	3468.90
MW - 17	05/15/13	3498.32	-	29.34	0.00	3468.98
MW - 17	05/17/13	3498.32	-	29.42	0.00	3468.90
MW - 17	05/23/13	3498.32	-	29.48	0.00	3468.84
MW - 17	05/29/13	3498.32	-	29.45	0.00	3468.87
MW - 17	06/12/13	3498.32	-	29.76	0.00	3468.56
MW - 17	06/19/13	3498.32	-	29.81	0.00	3468.51
MW - 17	06/27/13	3498.32	-	29.91	0.00	3468.41
MW - 17	07/02/13	3498.32	-	29.99	0.00	3468.33
MW - 17	07/08/13	3498.32	-	30.03	0.00	3468.29
MW - 17	07/15/13	3498.32	-	30.11	0.00	3468.21
MW - 17	07/23/13	3498.32	-	30.02	0.00	3468.30
MW - 17	07/29/13	3498.32	-	29.97	0.00	3468.35
MW - 17	08/07/13	3498.32	-	30.15	0.00	3468.17
MW - 17	08/15/13	3498.32	-	30.23	0.00	3468.09
MW - 17	08/20/13	3498.32	-	30.13	0.00	3468.19
MW - 17	08/28/13	3498.32	-	30.37	0.00	3467.95
MW - 17	09/05/13	3498.32	-	30.27	0.00	3468.05
MW - 17	09/09/13	3498.32	-	30.13	0.00	3468.19
MW - 17	09/18/13	3498.32	-	30.40	0.00	3467.92
MW - 17	09/28/13	3498.32	-	30.37	0.00	3467.95
MW - 17	10/01/13	3498.32	-	30.37	0.00	3467.95
MW - 17	10/08/13	3498.32	-	30.32	0.00	3468.00
MW - 17	10/14/13	3498.32	-	30.35	0.00	3467.97
MW - 17	10/23/13	3498.32	-	30.16	0.00	3468.16
MW - 17	10/29/13	3498.32	-	30.09	0.00	3468.23
MW - 17	11/16/13	3498.32	-	30.24	0.00	3468.08
MW - 17	11/27/13	3498.32	-	30.16	0.00	3468.16
MW - 17	12/02/13	3498.32	-	30.13	0.00	3468.19
MW - 17	12/14/13	3498.32	-	30.31	0.00	3468.01
MW - 17	12/19/13	3498.32	-	29.89	0.00	3468.43
MW - 17	12/24/13	3498.32	-	30.08	0.00	3468.24
MW - 17	01/02/14	3498.32	-	30.08	0.00	3468.24
MW - 17	01/07/14	3498.32	-	29.98	0.00	3468.34
MW - 17	01/14/14	3498.32	-	30.10	0.00	3468.22
MW - 17	01/21/14	3498.32	-	29.95	0.00	3468.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	01/31/14	3498.32	-	29.94	0.00	3468.38
MW - 17	02/10/14	3498.32	-	30.02	0.00	3468.30
MW - 17	02/27/14	3498.32	-	29.89	0.00	3468.43
MW - 17	03/06/14	3498.32	-	29.93	0.00	3468.39
MW - 17	03/13/14	3498.32	-	30.00	0.00	3468.32
MW - 17	03/25/14	3498.32	-	29.98	0.00	3468.34
MW - 17	04/03/14	3498.32	-	29.88	0.00	3468.44
MW - 17	04/07/14	3498.32	-	29.98	0.00	3468.34
MW - 17	04/14/14	3498.32	-	30.12	0.00	3468.20
MW - 17	04/23/14	3498.32	-	29.97	0.00	3468.35
MW - 17	04/28/14	3498.32	-	30.01	0.00	3468.31
MW - 17	05/05/14	3498.32	-	30.06	0.00	3468.26
MW - 17	05/14/14	3498.32	-	29.90	0.00	3468.42
MW - 17	05/22/14	3498.32	-	29.98	0.00	3468.34
MW - 17	05/28/14	3498.32	-	30.06	0.00	3468.26
MW - 17	06/02/14	3498.32	-	30.11	0.00	3468.21
MW - 17	06/12/14	3498.32	-	30.35	0.00	3467.97
MW - 17	06/17/14	3498.32	-	30.36	0.00	3467.96
MW - 17	06/25/14	3498.32	-	30.44	0.00	3467.88
MW - 17	06/30/14	3498.32	-	30.41	0.00	3467.91
MW - 17	07/11/14	3498.32	-	30.48	0.00	3467.84
MW - 17	07/14/14	3498.32	-	30.51	0.00	3467.81
MW - 17	07/22/14	3498.32	-	30.57	0.00	3467.75
MW - 17	07/23/14	3498.32	-	30.57	0.00	3467.75
MW - 17	08/05/14	3498.32	-	30.60	0.00	3467.72
MW - 17	08/12/14	3498.32	-	30.72	0.00	3467.60
MW - 17	08/13/14	3498.32	-	30.22	0.00	3468.10
MW - 17	08/27/14	3498.32	-	30.83	0.00	3467.49
MW - 17	09/17/14	3498.32	-	29.84	0.00	3468.48
MW - 17	09/23/14	3498.32	-	29.32	0.00	3469.00
MW - 17	10/10/14	3498.32	-	28.79	0.00	3469.53
MW - 17	10/15/14	3498.32	-	28.79	0.00	3469.53
MW - 17	10/20/14	3498.32	-	28.83	0.00	3469.49
MW - 17	10/27/14	3498.32	-	28.84	0.00	3469.48
MW - 17	11/04/14	3498.32	-	29.04	0.00	3469.28
MW - 17	11/06/14	3498.32	-	28.97	0.00	3469.35
MW - 17	11/11/14	3498.32	-	28.80	0.00	3469.52
MW - 17	11/18/14	3498.32	-	28.74	0.00	3469.58
MW - 17	12/02/14	3498.32	-	28.69	0.00	3469.63
MW - 17	12/09/14	3498.32	-	28.73	0.00	3469.59
MW - 17	12/17/14	3498.32	-	28.68	0.00	3469.64
MW - 17	12/23/14	3498.32	-	28.84	0.00	3469.48
MW - 17	12/30/14	3498.32	-	28.88	0.00	3469.44

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	01/06/15	3498.32	-	28.79	0.00	3469.53
MW - 17	01/09/15	3498.32	-	28.84	0.00	3469.48
MW - 17	01/13/15	3498.32	-	28.73	0.00	3469.59
MW - 17	01/21/15	3498.32	-	28.69	0.00	3469.63
MW - 17	01/26/15	3498.32	-	28.74	0.00	3469.58
MW - 17	02/05/15	3498.32	-	28.80	0.00	3469.52
MW - 17	02/17/15	3498.32	-	28.77	0.00	3469.55
MW - 17	03/04/15	3498.32	-	28.69	0.00	3469.63
MW - 17	03/10/15	3498.32	-	28.64	0.00	3469.68
MW - 17	03/16/15	3498.32	-	28.61	0.00	3469.71
MW - 17	03/23/15	3498.32	-	28.62	0.00	3469.70
MW - 17	03/31/15	3498.32	-	28.52	0.00	3469.80
MW - 17	04/03/15	3498.32	-	28.73	0.00	3469.59
MW - 17	04/06/15	3498.32	-	28.56	0.00	3469.76
MW - 17	04/16/15	3498.32	-	28.45	0.00	3469.87
MW - 17	04/22/15	3498.32	-	28.38	0.00	3469.94
MW - 17	05/01/15	3498.32	-	28.41	0.00	3469.91
MW - 17	05/11/15	3498.32	-	28.36	0.00	3469.96
MW - 17	05/14/15	3498.32	-	28.22	0.00	3470.10
MW - 17	05/29/15	3498.32	-	28.11	0.00	3470.21
MW - 17	06/04/15	3498.32	-	28.13	0.00	3470.19
MW - 17	06/09/15	3498.32	-	28.11	0.00	3470.21
MW - 17	06/17/15	3498.32	-	28.17	0.00	3470.15
MW - 17	06/23/15	3498.32	-	28.18	0.00	3470.14
MW - 17	06/29/15	3498.32	-	28.13	0.00	3470.19
MW - 17	07/09/15	3498.32	-	28.35	0.00	3469.97
MW - 17	07/15/15	3498.32	-	28.40	0.00	3469.92
MW - 17	07/20/15	3498.32	-	28.54	0.00	3469.78
MW - 17	07/30/15	3498.32	-	28.73	0.00	3469.59
MW - 17	08/03/15	3498.32	-	28.71	0.00	3469.61
MW - 17	08/04/15	3498.32	-	28.85	0.00	3469.47
MW - 17	08/11/15	3498.32	-	28.83	0.00	3469.49
MW - 17	08/18/15	3498.32	-	28.76	0.00	3469.56
MW - 17	08/26/15	3498.32	-	28.67	0.00	3469.65
MW - 17	09/02/15	3498.32	-	28.52	0.00	3469.80
MW - 17	10/22/15	3498.32	-	28.58	0.00	3469.74
MW - 17	11/17/15	3498.32	-	28.24	0.00	3470.08
MW - 17	12/03/15	3498.32	-	28.42	0.00	3469.90
MW - 17	12/09/15	3498.32	-	28.30	0.00	3470.02
MW - 17	01/06/16	3498.32	-	28.27	0.00	3470.05
MW - 17	01/13/16	3498.32	-	28.30	0.00	3470.02
MW - 17	01/15/16	3498.32	-	28.31	0.00	3470.01
MW - 17	01/29/15	3498.32	-	28.20	0.00	3470.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	02/04/16	3498.32	-	28.15	0.00	3470.17
MW - 17	02/10/16	3498.32	-	28.27	0.00	3470.05
MW - 17	03/03/16	3498.32	-	28.35	0.00	3469.97
MW - 17	03/16/16	3498.32	-	28.17	0.00	3470.15
MW - 17	04/12/16	3498.32	-	28.09	0.00	3470.23
MW - 17	04/15/16	3498.32	-	28.00	0.00	3470.32
MW - 17	04/19/16	3498.32	-	28.03	0.00	3470.29
MW - 17	04/29/16	3498.32	-	28.00	0.00	3470.32
MW - 17	05/04/16	3498.32	-	28.00	0.00	3470.32
MW - 17	05/13/16	3498.32	-	28.08	0.00	3470.24
MW - 17	05/18/16	3498.32	-	28.12	0.00	3470.20
MW - 17	05/25/16	3498.32	-	28.10	0.00	3470.22
MW - 17	06/02/16	3498.32	-	28.16	0.00	3470.16
MW - 17	06/06/16	3498.32	-	28.21	0.00	3470.11
MW - 17	06/28/16	3498.32	-	28.54	0.00	3469.78
MW - 17	07/05/16	3498.32	-	28.61	0.00	3469.71
MW - 17	07/14/16	3498.32	-	28.74	0.00	3469.58
MW - 17	07/21/16	3498.32	-	28.89	0.00	3469.43
MW - 17	07/25/16	3498.32	-	28.90	0.00	3469.42
MW - 17	08/01/16	3498.32	-	28.98	0.00	3469.34
MW - 17	08/09/16	3498.32	-	29.09	0.00	3469.23
MW - 17	08/15/16	3498.32	-	29.08	0.00	3469.24
MW - 17	08/18/16	3498.32	-	29.08	0.00	3469.24
MW - 17	08/20/16	3498.32	-	29.14	0.00	3469.18
MW - 17	08/22/16	3498.32	-	29.14	0.00	3469.18
MW - 17	09/06/16	3498.32	-	27.72	0.00	3470.60
MW - 17	09/12/16	3498.32	-	27.30	0.00	3471.02
MW - 17	09/19/16	3498.32	-	26.93	0.00	3471.39
MW - 17	09/26/16	3498.32	-	26.66	0.00	3471.66
MW - 17	10/17/16	3498.32	-	26.62	0.00	3471.70
MW - 17	10/25/16	3498.32	-	26.74	0.00	3471.58
MW - 17	11/03/16	3498.32	-	27.07	0.00	3471.25
MW - 17	11/08/16	3498.32	-	27.05	0.00	3471.27
MW - 17	11/15/16	3498.32	-	26.96	0.00	3471.36
MW - 17	11/22/16	3498.32	-	26.87	0.00	3471.45
MW - 17	12/05/16	3498.32	-	27.09	0.00	3471.23
MW - 17	12/13/16	3498.32	-	27.14	0.00	3471.18
MW - 17	12/22/16	3498.32	-	27.17	0.00	3471.15
MW - 17	12/27/16	3498.32	-	27.14	0.00	3471.18
MW - 17	01/04/17	3498.32	-	27.03	0.00	3471.29
MW - 17	01/13/17	3498.32	-	27.29	0.00	3471.03
MW - 17	01/17/17	3498.32	-	27.14	0.00	3471.18
MW - 17	01/24/17	3498.32	-	27.02	0.00	3471.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	01/31/17	3498.32	-	26.97	0.00	3471.35
MW - 17	02/07/17	3498.32	-	27.05	0.00	3471.27
MW - 17	02/16/17	3498.32	-	26.95	0.00	3471.37
MW - 17	02/20/17	3498.32	-	27.17	0.00	3471.15
MW - 17	03/01/17	3498.32	-	27.13	0.00	3471.19
MW - 17	03/06/17	3498.32	-	27.06	0.00	3471.26
MW - 17	03/14/17	3498.32	-	26.98	0.00	3471.34
MW - 17	03/24/17	3498.32	-	27.00	0.00	3471.32
MW - 17	04/04/17	3498.32	-	26.87	0.00	3471.45
MW - 17	04/13/17	3498.32	-	26.90	0.00	3471.42
MW - 17	04/19/17	3498.32	-	26.84	0.00	3471.48
MW - 17	05/01/17	3498.32	-	26.93	0.00	3471.39
MW - 17	05/18/17	3498.32	-	26.97	0.00	3471.35
MW - 17	05/23/17	3498.32	-	27.16	0.00	3471.16
MW - 17	06/06/17	3498.32	-	27.27	0.00	3471.05
MW - 17	06/12/17	3498.32	-	27.29	0.00	3471.03
MW - 17	07/03/17	3498.32	-	27.53	0.00	3470.79
MW - 17	07/25/17	3498.32	-	27.76	0.00	3470.56
MW - 17	08/14/17	3498.32	-	27.29	0.00	3471.03
MW - 17	08/21/17	3498.32	-	27.32	0.00	3471.00
MW - 17	09/06/17	3498.32	-	26.93	0.00	3471.39
MW - 17	09/12/17	3498.32	-	27.06	0.00	3471.26
MW - 17	10/04/17	3498.32	-	27.01	0.00	3471.31
MW - 17	10/17/17	3498.32	-	26.95	0.00	3471.37
MW - 17	10/23/17	3498.32	-	26.99	0.00	3471.33
MW - 17	10/30/17	3498.32	-	27.08	0.00	3471.24
MW - 17	11/15/17	3498.32	-	27.13	0.00	3471.19
MW - 17	12/04/17	3498.32	-	26.95	0.00	3471.37
MW - 17	12/22/17	3498.32	-	27.16	0.00	3471.16
MW - 17	12/29/17	3498.32	-	27.15	0.00	3471.17
MW - 17	01/02/18	3498.32	-	27.16	0.00	3471.16
MW - 17	01/17/18	3498.32	-	27.15	0.00	3471.17
MW - 17	01/23/18	3498.32	-	27.18	0.00	3471.14
MW - 17	01/29/18	3498.32	-	27.28	0.00	3471.04
MW - 17	02/05/18	3498.32	-	26.99	0.00	3471.33
MW - 17	02/14/18	3498.32	-	27.09	0.00	3471.23
MW - 17	02/19/18	3498.32	-	26.96	0.00	3471.36
MW - 17	03/28/18	3498.32	-	27.11	0.00	3471.21
MW - 17	04/05/18	3498.32	-	27.68	0.00	3470.64
MW - 17	04/27/18	3498.32	-	27.22	0.00	3471.10
MW - 17	05/16/18	3498.32	-	27.29	0.00	3471.03
MW - 17	06/15/18	3498.32	-	26.60	0.00	3471.72
MW - 17	06/19/18	3498.32	-	26.69	0.00	3471.63

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	06/29/18	3498.32	-	27.82	0.00	3470.50
MW - 17	07/16/18	3498.32	-	28.06	0.00	3470.26
MW - 17	08/15/18	3498.32	-	28.34	0.00	3469.98
MW - 17	09/05/18	3498.32	-	28.49	0.00	3469.83
MW - 17	09/10/18	3498.32	-	28.06	0.00	3470.26
MW - 17	10/08/18	3498.32	-	28.04	0.00	3470.28
MW - 17	11/21/18	3498.32	-	27.62	0.00	3470.70
MW - 17	11/29/18	3498.32	-	27.58	0.00	3470.74
MW - 17	12/07/18	3498.32	-	27.73	0.00	3470.59
MW - 17	12/14/18	3498.32	-	27.76	0.00	3470.56
MW - 17	12/28/18	3498.32	-	27.73	0.00	3470.59
MW - 17	01/11/19	3498.32	-	27.53	0.00	3470.79
MW - 17	01/29/19	3498.32	-	27.65	0.00	3470.67
MW - 17	03/05/19	3498.32	-	27.73	0.00	3470.59
MW - 17	03/27/19	3498.32	-	27.38	0.00	3470.94
MW - 17	03/29/19	3498.32	-	27.31	0.00	3471.01
MW - 17	04/02/19	3498.32	-	27.34	0.00	3470.98
MW - 17	04/12/19	3498.32	-	27.51	0.00	3470.81
MW - 17	04/18/19	3497.25	-	27.51	0.00	3469.74
MW - 17	04/25/19	3497.25	-	27.36	0.00	3469.89
MW - 17	05/02/19	3497.25	-	27.46	0.00	3469.79
MW - 17	05/14/19	3497.25	-	27.43	0.00	3469.82
MW - 17	05/20/19	3497.25	-	27.37	0.00	3469.88
MW - 17	06/06/19	3497.25	-	27.68	0.00	3469.57
MW - 17	07/17/19	3497.25	-	27.97	0.00	3469.28
MW - 17	08/14/19	3497.25	-	28.36	0.00	3468.89
MW - 17	09/11/19	3497.25	-	28.38	0.00	3468.87
MW - 17	10/16/19	3497.25	-	27.91	0.00	3469.34
MW - 17	11/04/19	3497.25	-	27.95	0.00	3469.30
MW - 17	11/12/19	3497.25	-	27.74	0.00	3469.51
MW - 17	12/04/19	3497.25	-	27.58	0.00	3469.67
MW - 17	12/30/19	3497.25	-	27.72	0.00	3469.53
MW - 17	01/14/20	3497.25	-	27.72	0.00	3469.53
MW - 17	02/13/20	3497.25	-	27.62	0.00	3469.63
MW - 17	05/15/20	3497.25	-	27.21	0.00	3470.04
MW - 17	06/25/20	3497.25	-	27.93	0.00	3469.32
MW - 17	07/28/20	3497.25	-	28.31	0.00	3468.94
MW - 17	08/19/20	3497.25	-	28.41	0.00	3468.84
MW - 17	09/11/20	3497.25	-	28.57	0.00	3468.68
MW - 17	10/30/20	3497.25	-	28.76	0.00	3468.49
MW - 17	11/11/20	3497.25	-	28.75	0.00	3468.50
MW - 17	12/30/20	3497.25	-	28.80	0.00	3468.45
MW - 17	01/21/21	3497.25	-	28.65	0.00	3468.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	03/18/21	3497.25	-	28.85	0.00	3468.40
MW - 17	05/27/21	3497.25	-	28.78	0.00	3468.47
MW - 17	07/26/21	3497.25	-	28.82	0.00	3468.43
MW - 17	07/27/21	3497.25	-	28.82	0.00	3468.43
MW - 17	09/29/21	3497.25	-	29.08	0.00	3468.17
MW - 17	10/13/21	3497.25	-	29.02	0.00	3468.23
MW - 17	10/29/21	3497.25	-	29.18	0.00	3468.07
MW - 17	12/01/21	3497.25	-	29.03	0.00	3468.22
MW - 18	06/07/02	3497.25	-	29.42	0.00	3467.83
MW - 18	09/27/02	3497.25	-	29.53	0.00	3467.72
MW - 18	12/04/02	3497.25	-	29.25	0.00	3468.00
MW - 18	02/25/03	3497.25	-	29.05	0.00	3468.20
MW - 18	05/22/03	3497.25	-	29.18	0.00	3468.07
MW - 18	08/26/03	3497.25	-	30.32	0.00	3466.93
MW - 18	11/25/03	3497.25	-	30.38	0.00	3466.87
MW - 18	02/10/04	3497.25	-	30.45	0.00	3466.80
MW - 18	05/10/04	3497.25	-	28.37	0.00	3468.88
MW - 18	08/25/04	3497.25	-	28.49	0.00	3468.76
MW - 18	12/02/04	3497.25	-	27.15	0.00	3470.10
MW - 18	03/10/05	3497.25	-	26.60	0.00	3470.65
MW - 18	06/10/05	3497.25	-	27.45	0.00	3469.80
MW - 18	09/09/05	3497.25	-	26.26	0.00	3470.99
MW - 18	12/05/05	3497.25	-	26.14	0.00	3471.11
MW - 18	03/09/06	3497.25	-	25.89	0.00	3471.36
MW - 18	06/08/06	3497.25	-	26.52	0.00	3470.73
MW - 18	09/15/06	3497.25	-	26.16	0.00	3471.09
MW - 18	11/29/06	3497.25	-	25.95	0.00	3471.30
MW - 18	02/14/07	3497.25	-	25.97	0.00	3471.28
MW - 18	02/26/07	3497.25	-	25.95	0.00	3471.30
MW - 18	04/03/07	3497.25	-	25.60	0.00	3471.65
MW - 18	05/21/07	3497.25	-	25.25	0.00	3472.00
MW - 18	08/16/07	3497.25	-	26.26	0.00	3470.99
MW - 18	11/07/07	3497.25	-	25.86	0.00	3471.39
MW - 18	02/12/08	3497.25	-	25.89	0.00	3471.36
MW - 18	05/15/08	3497.25	-	26.06	0.00	3471.19
MW - 18	08/18/08	3497.25	-	27.05	0.00	3470.20
MW - 18	09/17/08	3497.25	-	26.73	0.00	3470.52
MW - 18	11/13/08	3497.25	-	26.45	0.00	3470.80
MW - 18	02/11/09	3497.25	-	26.56	0.00	3470.69
MW - 18	02/24/09	3497.25	-	27.98	0.00	3469.27
MW - 18	03/04/09	3497.25	-	26.47	0.00	3470.78
MW - 18	03/17/09	3497.25	-	27.51	0.00	3469.74

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	03/25/09	3497.25	-	26.48	0.00	3470.77
MW - 18	04/08/09	3497.25	-	26.49	0.00	3470.76
MW - 18	04/15/09	3497.25	-	27.50	0.00	3469.75
MW - 18	04/15/09	3497.25	-	25.52	0.00	3471.73
MW - 18	05/13/09	3497.25	-	26.58	0.00	3470.67
MW - 18	06/10/09	3497.25	-	26.60	0.00	3470.65
MW - 18	06/18/09	3497.25	-	26.60	0.00	3470.65
MW - 18	07/02/09	3497.25	-	27.24	0.00	3470.01
MW - 18	07/08/09	3497.25	-	27.22	0.00	3470.03
MW - 18	07/14/09	3497.25	-	27.25	0.00	3470.00
MW - 18	07/20/09	3497.25	-	27.27	0.00	3469.98
MW - 18	07/27/09	3497.25	-	27.28	0.00	3469.97
MW - 18	08/03/09	3497.25	-	27.26	0.00	3469.99
MW - 18	08/11/09	3497.25	-	27.38	0.00	3469.87
MW - 18	08/24/09	3497.25	-	37.47	0.00	3459.78
MW - 18	08/31/09	3497.25	-	37.39	0.00	3459.86
MW - 18	09/08/09	3497.25	-	27.55	0.00	3469.70
MW - 18	09/22/09	3497.25	-	27.57	0.00	3469.68
MW - 18	09/29/09	3497.25	-	27.29	0.00	3469.96
MW - 18	10/07/09	3497.25	-	27.62	0.00	3469.63
MW - 18	10/12/09	3497.25	-	27.24	0.00	3470.01
MW - 18	10/16/09	3497.25	-	27.56	0.00	3469.69
MW - 18	10/26/09	3497.25	-	27.26	0.00	3469.99
MW - 18	11/12/09	3497.25	-	27.67	0.00	3469.58
MW - 18	11/23/09	3497.25	-	27.74	0.00	3469.51
MW - 18	12/28/09	3497.25	-	27.30	0.00	3469.95
MW - 18	01/05/10	3497.25	-	27.71	0.00	3469.54
MW - 18	01/20/10	3497.25	-	27.30	0.00	3469.95
MW - 18	01/25/10	3497.25	-	27.30	0.00	3469.95
MW - 18	02/10/10	3497.25	-	27.78	0.00	3469.47
MW - 18	03/01/10	3497.25	-	27.30	0.00	3469.95
MW - 18	05/25/10	3497.25	-	27.61	0.00	3469.64
MW - 18	06/07/10	3497.25	-	27.62	0.00	3469.63
MW - 18	06/12/10	3497.25	-	27.68	0.00	3469.57
MW - 18	06/25/10	3497.25	-	27.88	0.00	3469.37
MW - 18	07/07/10	3497.25	-	26.74	0.00	3470.51
MW - 18	07/12/10	3497.25	-	26.32	0.00	3470.93
MW - 18	08/03/10	3497.25	-	26.58	0.00	3470.67
MW - 18	08/13/10	3497.25	-	26.63	0.00	3470.62
MW - 18	08/19/10	3497.25	-	26.70	0.00	3470.55
MW - 18	08/25/10	3497.25	-	26.82	0.00	3470.43
MW - 18	09/01/10	3497.25	-	28.87	0.00	3468.38
MW - 18	09/09/10	3497.25	-	26.83	0.00	3470.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	09/29/10	3497.25	-	26.81	0.00	3470.44
MW - 18	11/03/10	3497.25	-	26.60	0.00	3470.65
MW - 18	11/10/10	3497.25	-	27.00	0.00	3470.25
MW - 18	11/17/10	3497.25	-	27.76	0.00	3469.49
MW - 18	12/09/10	3497.25	-	26.68	0.00	3470.57
MW - 18	02/22/11	3497.25	-	27.74	0.00	3469.51
MW - 18	03/01/11	3497.25	sheen	27.17	0.00	3470.08
MW - 18	03/07/11	3497.25	sheen	26.98	0.00	3470.27
MW - 18	04/27/11	3497.25	-	27.57	0.00	3469.68
MW - 18	05/05/11	3497.25	sheen	27.52	0.00	3469.73
MW - 18	05/10/11	3497.25	-	27.60	0.00	3469.65
MW - 18	05/17/11	3497.25	-	27.72	0.00	3469.53
MW - 18	05/17/11	3497.25	-	27.76	0.00	3469.49
MW - 18	05/24/11	3497.25	-	27.67	0.00	3469.58
MW - 18	06/07/11	3497.25	-	27.61	0.00	3469.64
MW - 18	06/14/11	3497.25	-	27.63	0.00	3469.62
MW - 18	06/23/11	3497.25	-	29.59	0.00	3467.66
MW - 18	06/28/11	3497.25	-	27.68	0.00	3469.57
MW - 18	07/06/11	3497.25	sheen	28.03	0.00	3469.22
MW - 18	07/14/11	3497.25	-	27.97	0.00	3469.28
MW - 18	07/27/11	3497.25	-	28.01	0.00	3469.24
MW - 18	08/03/11	3497.25	-	28.22	0.00	3469.03
MW - 18	08/11/11	3497.25	-	28.36	0.00	3468.89
MW - 18	08/18/11	3497.25	-	28.25	0.00	3469.00
MW - 18	08/25/11	3497.25	-	28.28	0.00	3468.97
MW - 18	09/02/11	3497.25	-	28.40	0.00	3468.85
MW - 18	09/09/11	3497.25	-	28.50	0.00	3468.75
MW - 18	11/08/11	3497.25	-	28.40	0.00	3468.85
MW - 18	12/28/11	3497.25	-	28.43	0.00	3468.82
MW - 18	01/05/12	3497.25	-	28.49	0.00	3468.76
MW - 18	01/18/12	3497.25	-	28.39	0.00	3468.86
MW - 18	01/27/12	3497.25	-	28.39	0.00	3468.86
MW - 18	02/02/12	3497.25	-	28.36	0.00	3468.89
MW - 18	02/10/12	3497.25	-	28.40	0.00	3468.85
MW - 18	02/15/12	3497.25	-	28.35	0.00	3468.90
MW - 18	03/01/12	3497.25	-	28.12	0.00	3469.13
MW - 18	03/07/12	3497.25	-	28.24	0.00	3469.01
MW - 18	03/14/12	3497.25	-	28.26	0.00	3468.99
MW - 18	03/19/12	3497.25	-	28.22	0.00	3469.03
MW - 18	03/26/12	3497.25	-	28.23	0.00	3469.02
MW - 18	04/04/12	3497.25	-	28.24	0.00	3469.01
MW - 18	04/11/12	3497.25	-	28.21	0.00	3469.04
MW - 18	04/17/12	3497.25	-	28.19	0.00	3469.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	04/25/12	3497.25	-	28.16	0.00	3469.09
MW - 18	05/23/12	3497.25	-	28.20	0.00	3469.05
MW - 18	05/31/12	3497.25	-	28.23	0.00	3469.02
MW - 18	06/06/12	3497.25	-	28.18	0.00	3469.07
MW - 18	06/13/12	3497.25	-	28.26	0.00	3468.99
MW - 18	06/20/12	3497.25	-	27.99	0.00	3469.26
MW - 18	07/11/12	3497.25	-	28.35	0.00	3468.90
MW - 18	07/18/12	3497.25	-	28.43	0.00	3468.82
MW - 18	08/02/12	3497.25	-	28.51	0.00	3468.74
MW - 18	08/09/12	3497.25	-	28.62	0.00	3468.63
MW - 18	08/16/12	3497.25	-	28.71	0.00	3468.54
MW - 18	10/02/12	3497.25	-	28.93	0.00	3468.32
MW - 18	10/10/12	3497.25	-	28.87	0.00	3468.38
MW - 18	10/17/12	3497.25	-	28.68	0.00	3468.57
MW - 18	10/26/12	3497.25	-	28.87	0.00	3468.38
MW - 18	11/01/12	3497.25	-	28.91	0.00	3468.34
MW - 18	11/19/12	3497.25	-	28.70	0.00	3468.55
MW - 18	12/13/12	3497.25	-	28.69	0.00	3468.56
MW - 18	12/18/12	3497.25	-	28.62	0.00	3468.63
MW - 18	01/08/13	3497.25	-	28.61	0.00	3468.64
MW - 18	01/16/13	3497.25	-	28.65	0.00	3468.60
MW - 18	01/24/13	3497.25	-	28.69	0.00	3468.56
MW - 18	01/30/13	3497.25	-	28.75	0.00	3468.50
MW - 18	02/12/13	3497.25	-	28.64	0.00	3468.61
MW - 18	03/19/13	3497.25	-	28.53	0.00	3468.72
MW - 18	04/02/13	3497.25	-	28.56	0.00	3468.69
MW - 18	04/08/13	3497.25	-	20.56	0.00	3476.69
MW - 18	04/16/13	3497.25	-	28.61	0.00	3468.64
MW - 18	04/23/13	3497.25	-	28.66	0.00	3468.59
MW - 18	05/01/13	3497.25	-	28.53	0.00	3468.72
MW - 18	05/08/13	3497.25	-	28.58	0.00	3468.67
MW - 18	05/15/13	3497.25	-	28.55	0.00	3468.70
MW - 18	05/17/13	3497.25	-	28.53	0.00	3468.72
MW - 18	05/23/13	3497.25	-	28.59	0.00	3468.66
MW - 18	05/29/13	3497.25	-	28.55	0.00	3468.70
MW - 18	06/12/13	3497.25	-	28.88	0.00	3468.37
MW - 18	06/19/13	3497.25	-	29.00	0.00	3468.25
MW - 18	06/27/13	3497.25	-	29.05	0.00	3468.20
MW - 18	07/02/13	3497.25	-	29.16	0.00	3468.09
MW - 18	07/08/13	3497.25	-	29.23	0.00	3468.02
MW - 18	07/15/13	3497.25	-	29.33	0.00	3467.92
MW - 18	07/23/13	3497.25	-	29.15	0.00	3468.10
MW - 18	07/29/13	3497.25	-	29.08	0.00	3468.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	08/07/13	3497.25	-	29.25	0.00	3468.00
MW - 18	08/15/13	3497.25	-	29.22	0.00	3468.03
MW - 18	08/20/13	3497.25	-	29.15	0.00	3468.10
MW - 18	08/28/13	3497.25	-	29.44	0.00	3467.81
MW - 18	09/05/13	3497.25	-	29.42	0.00	3467.83
MW - 18	09/09/13	3497.25	-	29.27	0.00	3467.98
MW - 18	09/18/13	3497.25	-	29.55	0.00	3467.70
MW - 18	09/28/13	3497.25	-	29.55	0.00	3467.70
MW - 18	10/01/13	3497.25	-	29.57	0.00	3467.68
MW - 18	10/08/13	3497.25	-	29.55	0.00	3467.70
MW - 18	10/14/13	3497.25	-	29.58	0.00	3467.67
MW - 18	10/23/13	3497.25	-	29.07	0.00	3468.18
MW - 18	10/29/13	3497.25	-	29.09	0.00	3468.16
MW - 18	11/16/13	3497.25	-	29.48	0.00	3467.77
MW - 18	11/27/13	3497.25	-	29.50	0.00	3467.75
MW - 18	12/02/13	3497.25	-	29.45	0.00	3467.80
MW - 18	12/14/13	3497.25	-	29.45	0.00	3467.80
MW - 18	12/19/13	3497.25	-	28.98	0.00	3468.27
MW - 18	12/24/13	3497.25	-	29.17	0.00	3468.08
MW - 18	01/02/14	3497.25	-	29.28	0.00	3467.97
MW - 18	01/07/14	3497.25	-	29.11	0.00	3468.14
MW - 18	01/14/14	3497.25	-	29.18	0.00	3468.07
MW - 18	01/21/14	3497.25	-	29.16	0.00	3468.09
MW - 18	01/31/14	3497.25	-	29.15	0.00	3468.10
MW - 18	02/10/14	3497.25	-	29.10	0.00	3468.15
MW - 18	02/27/14	3497.25	-	29.13	0.00	3468.12
MW - 18	03/06/14	3497.25	-	29.09	0.00	3468.16
MW - 18	03/13/14	3497.25	-	29.12	0.00	3468.13
MW - 18	03/25/14	3497.25	-	29.10	0.00	3468.15
MW - 18	04/03/14	3497.25	-	29.03	0.00	3468.22
MW - 18	04/07/14	3497.25	-	29.09	0.00	3468.16
MW - 18	04/14/14	3497.25	-	29.21	0.00	3468.04
MW - 18	04/23/14	3497.25	-	29.00	0.00	3468.25
MW - 18	04/28/14	3497.25	-	29.01	0.00	3468.24
MW - 18	05/05/14	3497.25	-	28.95	0.00	3468.30
MW - 18	05/14/14	3497.25	-	29.08	0.00	3468.17
MW - 18	05/22/14	3497.25	-	29.11	0.00	3468.14
MW - 18	05/28/14	3497.25	-	29.18	0.00	3468.07
MW - 18	06/02/14	3497.25	-	29.26	0.00	3467.99
MW - 18	06/12/14	3497.25	-	29.48	0.00	3467.77
MW - 18	06/17/14	3497.25	-	29.49	0.00	3467.76
MW - 18	06/25/14	3497.25	-	29.58	0.00	3467.67
MW - 18	06/30/14	3497.25	-	29.55	0.00	3467.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	07/11/14	3497.25	-	29.62	0.00	3467.63
MW - 18	07/14/14	3497.25	-	29.63	0.00	3467.62
MW - 18	07/22/14	3497.25	-	29.74	0.00	3467.51
MW - 18	07/23/14	3497.25	-	29.74	0.00	3467.51
MW - 18	08/05/14	3497.25	-	29.81	0.00	3467.44
MW - 18	08/12/14	3497.25	-	29.97	0.00	3467.28
MW - 18	08/13/14	3497.25	-	29.89	0.00	3467.36
MW - 18	08/27/14	3497.25	-	29.98	0.00	3467.27
MW - 18	09/17/14	3497.25	-	27.53	0.00	3469.72
MW - 18	09/23/14	3497.25	-	26.75	0.00	3470.50
MW - 18	10/10/14	3497.25	-	26.73	0.00	3470.52
MW - 18	10/15/14	3497.25	-	27.01	0.00	3470.24
MW - 18	10/20/14	3497.25	-	27.29	0.00	3469.96
MW - 18	10/27/14	3497.25	-	27.52	0.00	3469.73
MW - 18	11/04/14	3497.25	-	27.85	0.00	3469.40
MW - 18	11/06/14	3497.25	-	27.51	0.00	3469.74
MW - 18	11/11/14	3497.25	-	27.10	0.00	3470.15
MW - 18	11/18/14	3497.25	-	27.04	0.00	3470.21
MW - 18	12/02/14	3497.25	-	27.60	0.00	3469.65
MW - 18	12/09/14	3497.25	-	27.71	0.00	3469.54
MW - 18	12/17/14	3497.25	-	27.72	0.00	3469.53
MW - 18	12/23/14	3497.25	-	27.88	0.00	3469.37
MW - 18	12/30/14	3497.25	-	27.94	0.00	3469.31
MW - 18	01/06/15	3497.25	-	27.90	0.00	3469.35
MW - 18	01/09/15	3497.25	-	27.92	0.00	3469.33
MW - 18	01/13/15	3497.25	-	27.86	0.00	3469.39
MW - 18	01/21/15	3497.25	-	27.82	0.00	3469.43
MW - 18	01/26/15	3497.25	-	27.88	0.00	3469.37
MW - 18	02/05/15	3497.25	-	27.94	0.00	3469.31
MW - 18	02/16/15	3497.25	-	27.87	0.00	3469.38
MW - 18	02/17/15	3497.25	-	27.91	0.00	3469.34
MW - 18	03/04/15	3497.25	-	27.82	0.00	3469.43
MW - 18	03/10/15	3497.25	-	27.81	0.00	3469.44
MW - 18	03/16/15	3497.25	-	27.80	0.00	3469.45
MW - 18	03/23/15	3497.25	-	27.78	0.00	3469.47
MW - 18	03/31/15	3497.25	-	27.70	0.00	3469.55
MW - 18	04/03/15	3497.25	-	27.84	0.00	3469.41
MW - 18	04/06/15	3497.25	-	27.70	0.00	3469.55
MW - 18	04/16/15	3497.25	-	27.60	0.00	3469.65
MW - 18	04/22/15	3497.25	-	27.53	0.00	3469.72
MW - 18	05/01/15	3497.25	-	27.54	0.00	3469.71
MW - 18	05/11/15	3497.25	-	27.32	0.00	3469.93
MW - 18	05/14/15	3497.25	-	27.19	0.00	3470.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	05/29/15	3497.25	-	26.95	0.00	3470.30
MW - 18	06/04/15	3497.25	-	27.04	0.00	3470.21
MW - 18	06/09/15	3497.25	-	27.16	0.00	3470.09
MW - 18	06/17/15	3497.25	-	27.07	0.00	3470.18
MW - 18	06/23/15	3497.25	-	26.97	0.00	3470.28
MW - 18	06/29/15	3497.25	-	27.07	0.00	3470.18
MW - 18	07/09/15	3497.25	-	27.34	0.00	3469.91
MW - 18	07/15/15	3497.25	-	27.45	0.00	3469.80
MW - 18	07/20/15	3497.25	-	27.60	0.00	3469.65
MW - 18	07/30/15	3497.25	-	27.79	0.00	3469.46
MW - 18	08/03/15	3497.25	-	27.79	0.00	3469.46
MW - 18	08/04/15	3497.25	-	27.82	0.00	3469.43
MW - 18	08/11/15	3497.25	-	27.90	0.00	3469.35
MW - 18	08/18/15	3497.25	-	27.90	0.00	3469.35
MW - 18	08/26/15	3497.25	-	27.27	0.00	3469.98
MW - 18	09/02/15	3497.25	-	27.22	0.00	3470.03
MW - 18	10/22/15	3497.25	-	27.57	0.00	3469.68
MW - 18	11/17/15	3497.25	-	27.27	0.00	3469.98
MW - 18	12/03/15	3497.25	-	27.49	0.00	3469.76
MW - 18	12/09/15	3497.25	-	27.40	0.00	3469.85
MW - 18	01/06/16	3497.25	-	27.40	0.00	3469.85
MW - 18	01/13/16	3497.25	-	27.46	0.00	3469.79
MW - 18	01/15/16	3497.25	-	27.42	0.00	3469.83
MW - 18	01/29/16	3497.25	-	27.34	0.00	3469.91
MW - 18	02/04/16	3497.25	-	27.29	0.00	3469.96
MW - 18	02/10/16	3497.25	-	27.41	0.00	3469.84
MW - 18	03/16/16	3497.25	-	27.30	0.00	3469.95
MW - 18	04/12/16	3497.25	-	27.20	0.00	3470.05
MW - 18	04/15/16	3497.25	-	27.13	0.00	3470.12
MW - 18	04/19/16	3497.25	-	27.16	0.00	3470.09
MW - 18	04/29/16	3497.25	-	27.12	0.00	3470.13
MW - 18	05/04/16	3497.25	-	27.14	0.00	3470.11
MW - 18	05/13/16	3497.25	-	27.24	0.00	3470.01
MW - 18	05/18/16	3497.25	-	27.26	0.00	3469.99
MW - 18	05/25/16	3497.25	-	27.22	0.00	3470.03
MW - 18	06/02/16	3497.25	-	27.32	0.00	3469.93
MW - 18	06/06/16	3497.25	-	27.37	0.00	3469.88
MW - 18	07/21/16	3497.25	-	28.08	0.00	3469.17
MW - 18	07/25/16	3497.25	-	28.14	0.00	3469.11
MW - 18	08/01/16	3497.25	-	28.21	0.00	3469.04
MW - 18	08/09/16	3497.25	-	28.31	0.00	3468.94
MW - 18	08/15/16	3497.25	-	28.30	0.00	3468.95
MW - 18	08/18/16	3497.25	-	28.26	0.00	3468.99

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	08/20/16	3497.25	-	28.34	0.00	3468.91
MW - 18	08/22/16	3497.25	-	28.34	0.00	3468.91
MW - 18	09/06/16	3497.25	-	26.94	0.00	3470.31
MW - 18	09/12/16	3497.25	-	26.50	0.00	3470.75
MW - 18	09/19/16	3497.25	-	23.43	0.00	3473.82
MW - 18	09/26/16	3497.25	-	23.74	0.00	3473.51
MW - 18	10/17/16	3497.25	-	25.21	0.00	3472.04
MW - 18	10/25/16	3497.25	-	25.59	0.00	3471.66
MW - 18	11/03/16	3497.25	-	26.10	0.00	3471.15
MW - 18	11/08/16	3497.25	-	26.19	0.00	3471.06
MW - 18	11/15/16	3497.25	-	26.12	0.00	3471.13
MW - 18	11/22/16	3497.25	-	26.06	0.00	3471.19
MW - 18	12/05/16	3497.25	-	26.32	0.00	3470.93
MW - 18	12/13/16	3497.25	-	26.34	0.00	3470.91
MW - 18	12/22/16	3497.25	-	26.37	0.00	3470.88
MW - 18	12/27/16	3497.25	-	26.46	0.00	3470.79
MW - 18	01/04/17	3497.25	-	26.36	0.00	3470.89
MW - 18	01/13/17	3497.25	-	26.55	0.00	3470.70
MW - 18	01/17/17	3497.25	-	26.42	0.00	3470.83
MW - 18	01/24/17	3497.25	-	26.26	0.00	3470.99
MW - 18	01/31/17	3497.25	-	26.32	0.00	3470.93
MW - 18	02/07/17	3497.25	-	26.31	0.00	3470.94
MW - 18	02/16/17	3497.25	-	26.27	0.00	3470.98
MW - 18	02/20/17	3497.25	-	26.36	0.00	3470.89
MW - 18	03/01/17	3497.25	-	26.55	0.00	3470.70
MW - 18	03/06/17	3497.25	-	26.45	0.00	3470.80
MW - 18	03/14/17	3497.25	-	26.33	0.00	3470.92
MW - 18	03/24/17	3497.25	-	26.24	0.00	3471.01
MW - 18	04/04/17	3497.25	-	26.15	0.00	3471.10
MW - 18	04/13/17	3497.25	-	26.15	0.00	3471.10
MW - 18	04/19/17	3497.25	-	26.09	0.00	3471.16
MW - 18	05/01/17	3497.25	-	26.16	0.00	3471.09
MW - 18	05/18/17	3497.25	-	26.21	0.00	3471.04
MW - 18	05/23/17	3497.25	-	26.37	0.00	3470.88
MW - 18	06/06/17	3497.25	-	26.46	0.00	3470.79
MW - 18	06/12/17	3497.25	-	26.61	0.00	3470.64
MW - 18	07/03/17	3497.25	-	26.83	0.00	3470.42
MW - 18	07/25/17	3497.25	-	27.09	0.00	3470.16
MW - 18	08/14/17	3497.25	-	26.28	0.00	3470.97
MW - 18	08/21/17	3497.25	-	26.25	0.00	3471.00
MW - 18	09/06/17	3497.25	-	25.76	0.00	3471.49
MW - 18	09/12/17	3497.25	-	25.95	0.00	3471.30
MW - 18	10/04/17	3497.25	-	25.79	0.00	3471.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	10/17/17	3497.25	-	25.90	0.00	3471.35
MW - 18	10/23/17	3497.25	-	26.10	0.00	3471.15
MW - 18	10/30/17	3497.25	-	26.18	0.00	3471.07
MW - 18	11/15/17	3497.25	-	26.28	0.00	3470.97
MW - 18	12/04/17	3497.25	-	26.22	0.00	3471.03
MW - 18	12/22/17	3497.25	-	26.46	0.00	3470.79
MW - 18	12/29/17	3497.25	-	26.46	0.00	3470.79
MW - 18	01/02/18	3497.25	-	26.46	0.00	3470.79
MW - 18	01/17/18	3497.25	-	26.53	0.00	3470.72
MW - 18	01/23/18	3497.25	-	26.50	0.00	3470.75
MW - 18	01/29/18	3497.25	-	26.61	0.00	3470.64
MW - 18	02/05/18	3497.25	-	26.24	0.00	3471.01
MW - 18	02/14/18	3497.25	-	26.36	0.00	3470.89
MW - 18	02/19/18	3497.25	-	26.27	0.00	3470.98
MW - 18	03/28/18	3497.25	-	26.38	0.00	3470.87
MW - 18	04/05/18	3497.25	-	26.34	0.00	3470.91
MW - 18	04/27/18	3497.25	-	26.44	0.00	3470.81
MW - 18	05/16/18	3497.25	-	26.53	0.00	3470.72
MW - 18	06/15/18	3497.25	-	26.79	0.00	3470.46
MW - 18	06/19/18	3497.25	-	26.02	0.00	3471.23
MW - 18	06/29/18	3497.25	-	27.08	0.00	3470.17
MW - 18	07/16/18	3497.25	-	27.39	0.00	3469.86
MW - 18	08/15/18	3497.25	-	27.82	0.00	3469.43
MW - 18	09/05/18	3497.25	-	27.80	0.00	3469.45
MW - 18	09/10/18	3497.25	-	26.62	0.00	3470.63
MW - 18	11/21/18	3497.25	-	26.73	0.00	3470.52
MW - 18	11/29/18	3497.25	-	26.79	0.00	3470.46
MW - 18	12/07/18	3497.25	-	26.92	0.00	3470.33
MW - 18	12/14/18	3497.25	-	26.98	0.00	3470.27
MW - 18	12/20/18	3497.25	-	26.97	0.00	3470.28
MW - 18	12/28/18	3497.25	-	26.97	0.00	3470.28
MW - 18	01/11/19	3497.25	-	26.88	0.00	3470.37
MW - 18	01/29/19	3497.25	-	27.02	0.00	3470.23
MW - 18	03/05/19	3497.25	-	26.97	0.00	3470.28
MW - 18	03/27/19	3497.25	-	26.41	0.00	3470.84
MW - 18	03/29/19	3497.25	-	26.37	0.00	3470.88
MW - 18	04/02/19	3497.25	-	26.43	0.00	3470.82
MW - 18	04/18/19	3497.25	-	26.69	0.00	3470.56
MW - 18	04/25/19	3497.25	-	26.58	0.00	3470.67
MW - 18	05/02/19	3497.25	-	26.68	0.00	3470.57
MW - 18	05/14/19	3497.25	-	26.75	0.00	3470.50
MW - 18	05/20/19	3497.25	-	26.73	0.00	3470.52
MW - 18	06/06/19	3497.25	-	26.96	0.00	3470.29

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	07/17/19	3497.25	-	27.00	0.00	3470.25
MW - 18	08/14/19	3497.25	-	27.57	0.00	3469.68
MW - 18	09/11/19	3497.25	-	27.42	0.00	3469.83
MW - 18	10/16/19	3497.25	-	26.72	0.00	3470.53
MW - 18	11/04/19	3497.25	-	27.05	0.00	3470.20
MW - 18	11/12/19	3497.25	-	26.03	0.00	3471.22
MW - 18	12/04/19	3497.25	-	26.48	0.00	3470.77
MW - 18	12/30/19	3497.25	-	26.86	0.00	3470.39
MW - 18	01/14/20	3497.25	-	26.86	0.00	3470.39
MW - 18	02/13/20	3497.25	-	26.81	0.00	3470.44
MW - 18	05/15/20	3497.25	-	26.41	0.00	3470.84
MW - 18	06/25/20	3497.25	-	27.15	0.00	3470.10
MW - 18	07/28/20	3497.25	-	27.50	0.00	3469.75
MW - 18	08/19/20	3497.25	-	27.64	0.00	3469.61
MW - 18	09/11/20	3497.25	-	27.81	0.00	3469.44
MW - 18	10/30/20	3497.25	-	27.97	0.00	3469.28
MW - 18	11/11/20	3497.25	-	27.95	0.00	3469.30
MW - 18	12/30/20	3497.25	-	27.97	0.00	3469.28
MW - 18	01/21/21	3497.25	-	27.94	0.00	3469.31
MW - 18	03/18/21	3497.25	-	28.00	0.00	3469.25
MW - 18	05/27/21	3497.25	-	27.93	0.00	3469.32
MW - 18	07/26/21	3497.25	-	27.85	0.00	3469.40
MW - 18	07/27/21	3497.25	-	27.85	0.00	3469.40
MW - 18	09/29/21	3497.25	-	28.16	0.00	3469.09
MW - 18	10/13/21	3497.25	-	27.96	0.00	3469.29
MW - 18	10/29/21	3497.25	-	28.20	0.00	3469.05
MW - 18	12/01/21	3497.25	-	28.19	0.00	3469.06
MW - 19	06/07/02	3498.24	-	30.08	0.00	3468.16
MW - 19	09/27/02	3498.24	-	30.23	0.00	3468.01
MW - 19	12/04/02	3498.24	-	29.88	0.00	3468.36
MW - 19	02/25/03	3498.24	-	29.62	0.00	3468.62
MW - 19	05/22/03	3498.24	-	29.79	0.00	3468.45
MW - 19	08/26/03	3498.24	-	31.04	0.00	3467.20
MW - 19	11/25/03	3498.24	-	31.08	0.00	3467.16
MW - 19	02/10/04	3498.24	-	31.11	0.00	3467.13
MW - 19	05/10/04	3498.24	-	29.02	0.00	3469.22
MW - 19	08/25/04	3498.24	-	29.15	0.00	3469.09
MW - 19	12/02/04	3498.24	-	28.06	0.00	3470.18
MW - 19	03/10/05	3498.24	-	27.31	0.00	3470.93
MW - 19	06/10/05	3498.24	-	26.54	0.00	3471.70
MW - 19	09/09/05	3498.24	-	27.03	0.00	3471.21
MW - 19	09/13/05	Plugged and Abandoned				

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	06/07/02	3496.59	-	28.63	0.00	3467.96
MW - 20	09/27/02	3496.59	-	27.75	0.00	3468.84
MW - 20	12/04/02	3496.59	-	27.49	0.00	3469.10
MW - 20	02/25/03	3496.59	-	27.24	0.00	3469.35
MW - 20	05/22/03	3496.59	-	27.40	0.00	3469.19
MW - 20	08/26/03	3496.59	-	28.54	0.00	3468.05
MW - 20	11/25/03	3496.59	-	28.71	0.00	3467.88
MW - 20	02/10/04	3496.59	-	28.76	0.00	3467.83
MW - 20	05/10/04	3496.59	-	26.18	0.00	3470.41
MW - 20	08/25/04	3496.59	-	26.74	0.00	3469.85
MW - 20	12/02/04	3496.59	-	24.82	0.00	3471.77
MW - 20	03/10/05	3496.59	-	24.63	0.00	3471.96
MW - 20	06/10/05	3496.59	-	23.97	0.00	3472.62
MW - 20	09/09/05	3496.59	-	24.56	0.00	3472.03
MW - 20	12/05/05	3496.59	-	24.40	0.00	3472.19
MW - 20	03/09/06	3496.59	-	24.21	0.00	3472.38
MW - 20	06/08/06	3496.59	-	24.88	0.00	3471.71
MW - 20	09/15/06	3496.59	-	24.34	0.00	3472.25
MW - 20	11/29/06	3496.59	-	24.18	0.00	3472.41
MW - 20	02/26/07	3496.59	-	24.18	0.00	3472.41
MW - 20	05/21/07	3496.59	-	23.39	0.00	3473.20
MW - 20	08/16/07	3496.59	-	24.57	0.00	3472.02
MW - 20	11/07/07	3496.59	-	24.11	0.00	3472.48
MW - 20	02/12/08	3496.59	-	24.18	0.00	3472.41
MW - 20	05/15/08	3496.59	-	24.34	0.00	3472.25
MW - 20	08/18/08	3496.59	-	25.37	0.00	3471.22
MW - 20	11/13/08	3496.59	-	24.75	0.00	3471.84
MW - 20	02/11/09	3496.59	-	24.92	0.00	3471.67
MW - 20	05/13/09	3496.59	-	27.68	0.00	3468.91
MW - 20	08/11/09	3496.59	-	25.69	0.00	3470.90
MW - 20	11/23/09	3496.59	-	25.96	0.00	3470.63
MW - 20	01/05/10	3496.59	-	25.93	0.00	3470.66
MW - 20	02/10/10	3496.59	-	25.97	0.00	3470.62
MW - 20	05/25/10	3496.59	-	25.91	0.00	3470.68
MW - 20	08/13/10	3496.59	-	25.91	0.00	3470.68
MW - 20	11/17/10	3496.59	-	25.96	0.00	3470.63
MW - 20	02/22/11	3496.59	-	25.96	0.00	3470.63
MW - 20	05/17/11	3496.59	-	26.00	0.00	3470.59
MW - 20	08/11/11	3496.59	-	26.54	0.00	3470.05
MW - 20	11/08/11	3496.59	-	26.72	0.00	3469.87
MW - 20	03/01/12	3496.59	-	26.40	0.00	3470.19
MW - 20	05/23/12	3496.59	-	26.08	0.00	3470.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	08/09/12	3496.59	-	26.79	0.00	3469.80
MW - 20	11/19/12	3496.59	-	26.88	0.00	3469.71
MW - 20	02/12/13	3496.59	-	26.81	0.00	3469.78
MW - 20	05/15/13	3496.59	-	26.73	0.00	3469.86
MW - 20	08/07/13	3496.59	-	27.02	0.00	3469.57
MW - 20	11/27/13	3496.59	-	27.34	0.00	3469.25
MW - 20	02/10/14	3496.59	-	27.27	0.00	3469.32
MW - 20	04/03/14	3496.59	-	27.19	0.00	3469.40
MW - 20	04/07/14	3496.59	-	27.26	0.00	3469.33
MW - 20	04/14/14	3496.59	-	27.37	0.00	3469.22
MW - 20	04/23/14	3496.59	-	27.17	0.00	3469.42
MW - 20	04/28/14	3496.59	-	27.25	0.00	3469.34
MW - 20	05/05/14	3496.59	-	27.23	0.00	3469.36
MW - 20	05/14/14	3496.59	-	27.34	0.00	3469.25
MW - 20	05/22/14	3496.59	-	27.34	0.00	3469.25
MW - 20	05/28/14	3496.59	-	27.40	0.00	3469.19
MW - 20	06/02/14	3496.59	-	27.47	0.00	3469.12
MW - 20	06/12/14	3496.59	-	27.69	0.00	3468.90
MW - 20	06/17/14	3496.59	-	27.70	0.00	3468.89
MW - 20	06/25/14	3496.59	-	27.79	0.00	3468.80
MW - 20	06/30/14	3496.59	-	27.76	0.00	3468.83
MW - 20	07/11/14	3496.59	-	27.81	0.00	3468.78
MW - 20	07/14/14	3496.59	-	27.83	0.00	3468.76
MW - 20	07/22/14	3496.59	-	27.90	0.00	3468.69
MW - 20	07/23/14	3496.59	-	27.90	0.00	3468.69
MW - 20	08/05/14	3496.59	-	27.97	0.00	3468.62
MW - 20	08/12/14	3496.59	-	28.06	0.00	3468.53
MW - 20	08/13/14	3496.59	-	28.05	0.00	3468.54
MW - 20	08/27/14	3496.59	-	28.15	0.00	3468.44
MW - 20	09/17/14	3496.59	-	27.67	0.00	3468.92
MW - 20	09/23/14	3496.59	-	19.56	0.00	3477.03
MW - 20	10/10/14	3496.59	-	22.83	0.00	3473.76
MW - 20	10/15/14	3496.59	-	23.44	0.00	3473.15
MW - 20	10/20/14	3496.59	-	24.02	0.00	3472.57
MW - 20	10/27/14	3496.59	-	24.69	0.00	3471.90
MW - 20	11/04/14	3496.59	-	25.55	0.00	3471.04
MW - 20	11/06/14	3496.59	-	23.01	0.00	3473.58
MW - 20	11/11/14	3496.59	-	23.09	0.00	3473.50
MW - 20	11/18/14	3496.59	-	22.81	0.00	3473.78
MW - 20	12/02/14	3496.59	-	25.16	0.00	3471.43
MW - 20	12/09/14	3496.59	-	25.47	0.00	3471.12
MW - 20	12/17/14	3496.59	-	26.67	0.00	3469.92
MW - 20	12/23/14	3496.59	-	25.91	0.00	3470.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	12/30/14	3496.59	-	26.06	0.00	3470.53
MW - 20	01/06/15	3496.59	-	25.97	0.00	3470.62
MW - 20	01/09/15	3496.59	-	26.04	0.00	3470.55
MW - 20	01/13/15	3496.59	-	25.96	0.00	3470.63
MW - 20	01/21/15	3496.59	-	25.91	0.00	3470.68
MW - 20	01/26/15	3496.59	-	26.02	0.00	3470.57
MW - 20	02/05/15	3496.59	-	26.14	0.00	3470.45
MW - 20	02/16/15	3496.59	-	26.04	0.00	3470.55
MW - 20	02/17/15	3496.59	-	26.10	0.00	3470.49
MW - 20	03/04/15	3496.59	-	25.98	0.00	3470.61
MW - 20	03/10/15	3496.59	-	25.98	0.00	3470.61
MW - 20	03/16/15	3496.59	-	25.93	0.00	3470.66
MW - 20	03/23/15	3496.59	-	25.93	0.00	3470.66
MW - 20	03/31/15	3496.59	-	25.82	0.00	3470.77
MW - 20	04/03/15	3496.59	-	26.03	0.00	3470.56
MW - 20	04/06/15	3496.59	-	25.85	0.00	3470.74
MW - 20	04/16/15	3496.59	-	25.72	0.00	3470.87
MW - 20	04/22/15	3496.59	-	25.64	0.00	3470.95
MW - 20	05/01/15	3496.59	-	25.70	0.00	3470.89
MW - 20	05/11/15	3496.59	-	24.29	0.00	3472.30
MW - 20	05/14/15	3496.59	-	23.96	0.00	3472.63
MW - 20	05/18/15	3496.59	-	23.14	0.00	3473.45
MW - 20	05/29/15	3496.59	-	24.13	0.00	3472.46
MW - 20	06/04/15	3496.59	-	24.55	0.00	3472.04
MW - 20	06/09/15	3496.59	-	24.78	0.00	3471.81
MW - 20	06/17/15	3496.59	-	23.66	0.00	3472.93
MW - 20	06/23/15	3496.59	-	23.95	0.00	3472.64
MW - 20	06/29/15	3496.59	-	24.37	0.00	3472.22
MW - 20	07/09/15	3496.59	-	25.15	0.00	3471.44
MW - 20	07/15/15	3496.59	-	25.39	0.00	3471.20
MW - 20	07/20/15	3496.59	-	25.64	0.00	3470.95
MW - 20	07/30/15	3496.59	-	25.94	0.00	3470.65
MW - 20	08/03/15	3496.59	-	25.93	0.00	3470.66
MW - 20	08/04/15	3496.59	-	25.97	0.00	3470.62
MW - 20	08/11/15	3496.59	-	26.12	0.00	3470.47
MW - 20	08/18/15	3496.59	-	26.06	0.00	3470.53
MW - 20	08/26/15	3496.59	-	22.97	0.00	3473.62
MW - 20	09/02/15	3496.59	-	23.99	0.00	3472.60
MW - 20	10/22/15	3496.59	-	25.32	0.00	3471.27
MW - 20	11/16/15	3496.59	-	25.02	0.00	3471.57
MW - 20	12/03/15	3496.59	-	25.60	0.00	3470.99
MW - 20	12/09/15	3496.59	-	25.46	0.00	3471.13
MW - 20	01/06/16	3496.59	-	25.52	0.00	3471.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	01/13/16	3496.59	-	25.62	0.00	3470.97
MW - 20	01/15/16	3496.59	-	25.60	0.00	3470.99
MW - 20	01/29/16	3496.59	-	25.39	0.00	3471.20
MW - 20	02/04/16	3496.59	-	25.35	0.00	3471.24
MW - 20	02/10/16	3496.59	-	25.54	0.00	3471.05
MW - 20	03/03/16	3496.59	-	25.62	0.00	3470.97
MW - 20	03/16/15	3496.59	-	25.47	0.00	3471.12
MW - 20	04/12/16	3496.59	-	25.28	0.00	3471.31
MW - 20	04/15/16	3496.59	-	25.25	0.00	3471.34
MW - 20	04/19/16	3496.59	-	25.29	0.00	3471.30
MW - 20	04/29/16	3496.59	-	25.29	0.00	3471.30
MW - 20	05/04/16	3496.59	-	25.32	0.00	3471.27
MW - 20	05/13/16	3496.59	-	25.44	0.00	3471.15
MW - 20	05/18/16	3496.59	-	25.49	0.00	3471.10
MW - 20	05/25/16	3496.59	-	25.37	0.00	3471.22
MW - 20	06/02/16	3496.59	-	25.50	0.00	3471.09
MW - 20	06/06/16	3496.59	-	25.53	0.00	3471.06
MW - 20	06/16/16	3496.59	-	25.18	0.00	3471.41
MW - 20	06/28/16	3496.59	-	25.69	0.00	3470.90
MW - 20	07/05/16	3496.59	-	25.82	0.00	3470.77
MW - 20	07/14/16	3496.59	-	26.07	0.00	3470.52
MW - 20	07/21/16	3496.59	-	26.26	0.00	3470.33
MW - 20	07/25/16	3496.59	-	26.28	0.00	3470.31
MW - 20	08/01/16	3496.59	-	26.38	0.00	3470.21
MW - 20	08/09/16	3496.59	-	26.50	0.00	3470.09
MW - 20	08/15/16	3496.59	-	26.54	0.00	3470.05
MW - 20	08/18/16	3496.59	-	26.47	0.00	3470.12
MW - 20	08/22/16	3496.59	-	26.55	0.00	3470.04
MW - 20	09/06/16	3496.59	-	19.09	0.00	3477.50
MW - 20	09/12/16	3496.59	-	18.89	0.00	3477.70
MW - 20	09/19/16	3496.59	-	17.52	0.00	3479.07
MW - 20	09/30/16	3496.59	-	20.22	0.00	3476.37
MW - 20	10/17/16	3496.59	-	22.14	0.00	3474.45
MW - 20	10/25/16	3496.59	-	22.85	0.00	3473.74
MW - 20	11/03/16	3496.59	-	23.64	0.00	3472.95
MW - 20	11/08/16	3496.59	-	23.80	0.00	3472.79
MW - 20	11/15/16	3496.59	-	23.64	0.00	3472.95
MW - 20	11/22/16	3496.59	-	23.68	0.00	3472.91
MW - 20	12/05/16	3496.59	-	24.17	0.00	3472.42
MW - 20	12/13/16	3496.59	-	24.30	0.00	3472.29
MW - 20	12/22/16	3496.59	-	24.26	0.00	3472.33
MW - 20	12/27/16	3496.59	-	24.37	0.00	3472.22
MW - 20	01/04/17	3496.59	-	24.29	0.00	3472.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	01/13/17	3496.59	-	24.58	0.00	3472.01
MW - 20	01/17/17	3496.59	-	24.40	0.00	3472.19
MW - 20	01/24/17	3496.59	-	23.99	0.00	3472.60
MW - 20	01/31/17	3496.59	-	24.01	0.00	3472.58
MW - 20	02/07/17	3496.59	-	24.18	0.00	3472.41
MW - 20	02/16/17	3496.59	-	24.19	0.00	3472.40
MW - 20	02/20/17	3496.59	-	24.40	0.00	3472.19
MW - 20	02/28/17	3496.59	-	24.57	0.00	3472.02
MW - 20	03/06/17	3496.59	-	24.25	0.00	3472.34
MW - 20	03/14/17	3496.59	-	24.30	0.00	3472.29
MW - 20	03/24/17	3496.59	-	24.30	0.00	3472.29
MW - 20	04/04/17	3496.59	-	24.20	0.00	3472.39
MW - 20	04/13/17	3496.59	-	24.24	0.00	3472.35
MW - 20	04/19/17	3496.59	-	24.19	0.00	3472.40
MW - 20	05/01/17	3496.59	-	24.23	0.00	3472.36
MW - 20	05/18/17	3496.59	-	24.38	0.00	3472.21
MW - 20	05/23/17	3496.59	-	24.51	0.00	3472.08
MW - 20	05/24/17	3496.59	-	24.51	0.00	3472.08
MW - 20	06/06/17	3496.59	-	24.65	0.00	3471.94
MW - 20	06/12/17	3496.59	-	24.68	0.00	3471.91
MW - 20	07/03/17	3496.59	-	24.92	0.00	3471.67
MW - 20	07/25/17	3496.59	-	24.67	0.00	3471.92
MW - 20	08/14/17	3496.59	-	22.94	0.00	3473.65
MW - 20	08/21/17	3496.59	-	23.02	0.00	3473.57
MW - 20	09/06/17	3496.59	-	23.09	0.00	3473.50
MW - 20	09/12/17	3496.59	-	23.14	0.00	3473.45
MW - 20	10/04/17	3496.59	-	23.12	0.00	3473.47
MW - 20	10/17/17	3496.59	-	23.17	0.00	3473.42
MW - 20	10/23/17	3496.59	-	23.58	0.00	3473.01
MW - 20	10/30/17	3496.59	-	23.24	0.00	3473.35
MW - 20	11/15/17	3496.59	-	24.31	0.00	3472.28
MW - 20	12/04/17	3496.59	-	24.25	0.00	3472.34
MW - 20	12/22/17	3496.59	-	21.47	0.00	3475.12
MW - 20	12/29/17	3496.59	-	24.48	0.00	3472.11
MW - 20	01/02/18	3496.59	-	24.50	0.00	3472.09
MW - 20	01/17/18	3496.59	-	24.48	0.00	3472.11
MW - 20	01/23/18	3496.59	-	24.53	0.00	3472.06
MW - 20	01/29/18	3496.59	-	24.63	0.00	3471.96
MW - 20	02/05/18	3496.59	-	24.36	0.00	3472.23
MW - 20	02/14/18	3496.59	-	24.48	0.00	3472.11
MW - 20	02/19/18	3496.59	-	24.36	0.00	3472.23
MW - 20	03/28/18	3496.59	-	24.49	0.00	3472.10
MW - 20	04/05/18	3496.59	-	25.48	0.00	3471.11

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	04/27/18	3496.59	-	24.59	0.00	3472.00
MW - 20	05/16/18	3496.59	-	24.60	0.00	3471.99
MW - 20	06/15/18	3496.59	-	24.63	0.00	3471.96
MW - 20	06/19/18	3496.59	-	24.69	0.00	3471.90
MW - 20	06/22/18	3496.59	-	24.69	0.00	3471.90
MW - 20	06/29/18	3496.59	-	25.10	0.00	3471.49
MW - 20	07/16/18	3496.59	-	25.44	0.00	3471.15
MW - 20	08/14/18	3496.59	-	25.64	0.00	3470.95
MW - 20	09/05/18	3496.59	-	23.41	0.00	3473.18
MW - 20	09/10/18	3496.59	-	22.13	0.00	3474.46
MW - 20	10/08/18	3496.59	-	25.03	0.00	3471.56
MW - 20	11/21/18	3496.59	-	24.28	0.00	3472.31
MW - 20	11/28/18	3496.59	-	24.51	0.00	3472.08
MW - 20	12/07/18	3496.59	-	24.83	0.00	3471.76
MW - 20	12/14/18	3496.59	-	24.95	0.00	3471.64
MW - 20	01/29/19	3496.59	-	24.93	0.00	3471.66
MW - 20	03/04/19	3496.59	-	25.09	0.00	3471.50
MW - 20	03/27/19	3496.59	-	23.73	0.00	3472.86
MW - 20	03/29/19	3496.59	-	23.80	0.00	3472.79
MW - 20	04/02/19	3496.59	-	23.99	0.00	3472.60
MW - 20	04/18/19	3496.59	-	24.56	0.00	3472.03
MW - 20	04/25/19	3496.59	-	24.49	0.00	3472.10
MW - 20	05/02/19	3496.59	-	24.66	0.00	3471.93
MW - 20	05/13/19	3496.59	-	24.74	0.00	3471.85
MW - 20	05/20/19	3496.59	-	24.68	0.00	3471.91
MW - 20	06/06/19	3496.59	-	25.05	0.00	3471.54
MW - 20	06/07/19	3496.59	-	25.65	0.00	3470.94
MW - 20	07/17/19	3496.59	-	24.30	0.00	3472.29
MW - 20	09/10/19	3496.59	-	24.82	0.00	3471.77
MW - 20	10/16/19	3496.59	-	23.54	0.00	3473.05
MW - 20	11/04/19	3496.59	-	24.90	0.00	3471.69
MW - 20	11/12/19	3496.59	-	21.30	0.00	3475.29
MW - 20	12/04/19	3496.59	-	24.04	0.00	3472.55
MW - 20	12/30/19	3496.59	-	24.89	0.00	3471.70
MW - 20	01/14/20	3496.59	-	24.96	0.00	3471.63
MW - 20	02/12/20	3496.59	-	24.91	0.00	3471.68
MW - 20	05/15/20	3496.59	-	24.51	0.00	3472.08
MW - 20	06/25/20	3496.59	-	25.35	0.00	3471.24
MW - 20	07/28/20	3496.59	-	25.75	0.00	3470.84
MW - 20	08/18/20	3496.59	-	25.80	0.00	3470.79
MW - 20	09/11/20	3496.59	-	26.00	0.00	3470.59
MW - 20	10/30/20	3496.59	-	26.22	0.00	3470.37
MW - 20	11/10/20	3496.59	-	26.11	0.00	3470.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	12/30/20	3496.59	-	26.22	0.00	3470.37
MW - 20	01/21/21	3496.59	-	26.09	0.00	3470.50
MW - 20	03/17/21	3496.59	-	26.28	0.00	3470.31
MW - 20	05/27/21	3496.59	-	26.02	0.00	3470.57
MW - 20	07/26/21	3496.59	-	25.92	0.00	3470.67
MW - 20	09/29/21	3496.59	-	26.18	0.00	3470.41
MW - 20	10/13/21	3496.59	-	25.60	0.00	3470.99
MW - 20	12/01/21	3496.59	-	26.38	0.00	3470.21
MW - 21	06/07/02	3503.03	-	35.39	0.00	3467.64
MW - 21	09/27/02	3503.03	-	35.42	0.00	3467.61
MW - 21	12/04/02	3503.03	-	35.12	0.00	3467.91
MW - 21	02/25/03	3503.03	-	34.87	0.00	3468.16
MW - 21	05/22/03	3503.03	-	35.03	0.00	3468.00
MW - 21	08/26/03	3503.03	-	36.14	0.00	3466.89
MW - 21	11/25/03	3503.03	-	36.34	0.00	3466.69
MW - 21	02/10/04	3503.03	-	36.38	0.00	3466.65
MW - 21	05/10/04	3503.03	-	34.45	0.00	3468.58
MW - 21	08/25/04	3503.03	-	34.35	0.00	3468.68
MW - 21	12/01/04	3503.03	-	33.06	0.00	3469.97
MW - 21	03/10/05	3503.03	-	32.35	0.00	3470.68
MW - 21	06/10/05	3503.03	-	31.69	0.00	3471.34
MW - 21	09/09/05	3503.03	-	32.09	0.00	3470.94
MW - 21	12/05/05	3503.03	-	31.84	0.00	3471.19
MW - 21	03/09/06	3503.03	-	31.72	0.00	3471.31
MW - 21	06/08/06	3503.03	-	32.28	0.00	3470.75
MW - 21	09/15/06	3503.03	-	32.33	0.00	3470.70
MW - 21	11/29/06	3503.03	-	31.70	0.00	3471.33
MW - 21	02/26/07	3503.03	-	31.77	0.00	3471.26
MW - 21	05/21/07	3503.03	-	31.21	0.00	3471.82
MW - 21	08/16/07	3503.03	-	32.06	0.00	3470.97
MW - 21	11/07/07	3503.03	-	31.66	0.00	3471.37
MW - 21	02/12/08	3503.03	-	31.73	0.00	3471.30
MW - 21	05/15/08	3503.03	-	31.87	0.00	3471.16
MW - 21	08/18/08	3503.03	-	32.88	0.00	3470.15
MW - 21	11/13/08	3503.03	-	32.36	0.00	3470.67
MW - 21	02/11/09	3503.03	-	32.43	0.00	3470.60
MW - 21	05/13/09	3503.03	-	33.06	0.00	3469.97
MW - 21	08/11/09	3503.03	-	34.16	0.00	3468.87
MW - 21	11/23/09	3503.03	-	33.51	0.00	3469.52
MW - 21	01/05/10	3503.03	-	34.01	0.00	3469.02
MW - 21	02/10/10	3503.03	-	33.55	0.00	3469.48
MW - 21	05/25/10	3503.03	-	33.49	0.00	3469.54

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 21	08/13/10	3503.03	-	33.48	0.00	3469.55
MW - 21	11/17/10	3503.03	-	33.50	0.00	3469.53
MW - 21	02/22/11	3503.03	-	33.51	0.00	3469.52
MW - 21	05/17/11	3503.03	-	33.51	0.00	3469.52
MW - 21	08/11/11	3503.03	-	33.78	0.00	3469.25
MW - 21	11/08/11	3503.03	-	34.33	0.00	3468.70
MW - 21	03/01/12	3503.03	-	34.08	0.00	3468.95
MW - 21	05/23/12	3503.03	-	34.10	0.00	3468.93
MW - 21	08/09/12	3503.03	-	34.54	0.00	3468.49
MW - 21	11/19/12	3503.03	-	34.65	0.00	3468.38
MW - 21	02/12/13	3503.03	-	34.51	0.00	3468.52
MW - 21	05/15/13	3503.03	-	35.87	0.00	3467.16
MW - 21	08/07/13	3503.03	-	36.48	0.00	3466.55
MW - 21	11/27/13	3503.03	-	36.63	0.00	3466.40
MW - 21	02/10/14	3503.03	-	36.39	0.00	3466.64
MW - 21	05/22/14	3503.03	-	36.53	0.00	3466.50
MW - 21	07/22/14	3503.03	-	37.10	0.00	3465.93
MW - 21	08/13/14	3503.03	-	37.26	0.00	3465.77
MW - 21	10/27/14	3503.03	-	35.64	0.00	3467.39
MW - 21	11/05/14	3503.03	-	35.64	0.00	3467.39
MW - 21	01/09/15	3503.03	-	35.36	0.00	3467.67
MW - 21	02/17/15	3503.03	-	35.26	0.00	3467.77
MW - 21	03/31/15	3503.03	-	35.02	0.00	3468.01
MW - 21	05/14/15	3503.03	-	34.78	0.00	3468.25
MW - 21	07/09/15	3503.03	-	34.90	0.00	3468.13
MW - 21	08/04/15	3503.03	-	35.24	0.00	3467.79
MW - 21	11/16/15	3503.03	-	34.79	0.00	3468.24
MW - 21	01/15/16	3503.03	-	34.78	0.00	3468.25
MW - 21	02/10/16	3503.03	-	34.76	0.00	3468.27
MW - 21	04/15/16	3503.03	-	34.49	0.00	3468.54
MW - 21	05/24/16	3503.03	-	34.56	0.00	3468.47
MW - 21	06/28/16	3503.03	-	35.02	0.00	3468.01
MW - 21	07/21/16	3503.03	-	35.34	0.00	3467.69
MW - 21	08/18/16	3503.03	-	35.56	0.00	3467.47
MW - 21	10/25/16	3503.03	-	33.46	0.00	3469.57
MW - 21	11/21/16	3503.03	-	33.43	0.00	3469.60
MW - 21	12/27/16	3503.03	-	33.90	0.00	3469.13
MW - 21	01/24/17	3503.03	-	33.48	0.00	3469.55
MW - 21	02/28/17	3503.03	-	33.68	0.00	3469.35
MW - 21	04/19/17	3503.03	-	33.28	0.00	3469.75
MW - 21	05/18/17	3503.03	-	33.46	0.00	3469.57
MW - 21	06/12/17	3503.03	-	33.74	0.00	3469.29
MW - 21	07/25/17	3503.03	-	34.19	0.00	3468.84

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 21	08/14/17	3503.03	-	33.87	0.00	3469.16
MW - 21	10/17/17	3503.03	-	33.52	0.00	3469.51
MW - 21	11/15/17	3503.03	-	33.69	0.00	3469.34
MW - 21	12/22/17	3503.03	-	32.59	0.00	3470.44
MW - 21	01/17/18	3503.03	-	33.56	0.00	3469.47
MW - 21	02/19/18	3503.03	-	33.40	0.00	3469.63
MW - 21	03/28/18	3503.03	-	33.54	0.00	3469.49
MW - 21	04/27/18	3503.03	-	33.33	0.00	3469.70
MW - 21	05/15/18	3503.03	-	32.73	0.00	3470.30
MW - 21	06/29/18	3503.03	-	34.27	0.00	3468.76
MW - 21	07/16/18	3503.03	-	34.49	0.00	3468.54
MW - 21	08/14/18	3503.03	-	34.93	0.00	3468.10
MW - 21	11/28/18	3503.03	-	34.09	0.00	3468.94
MW - 21	12/14/18	3503.03	-	34.22	0.00	3468.81
MW - 21	01/29/19	3503.03	-	34.06	0.00	3468.97
MW - 21	03/04/19	3503.03	-	34.05	0.00	3468.98
MW - 21	03/29/19	3503.03	-	33.84	0.00	3469.19
MW - 21	04/18/19	3503.03	-	33.96	0.00	3469.07
MW - 21	05/13/19	3503.03	-	33.91	0.00	3469.12
MW - 21	06/06/19	3503.03	-	34.12	0.00	3468.91
MW - 21	07/17/19	3503.03	-	34.50	0.00	3468.53
MW - 21	09/10/19	3503.03	-	34.92	0.00	3468.11
MW - 21	10/16/19	3503.03	-	34.57	0.00	3468.46
MW - 21	12/03/19	3503.03	-	34.18	0.00	3468.85
MW - 21	12/30/19	3503.03	-	34.19	0.00	3468.84
MW - 21	01/14/20	3503.03	-	34.18	0.00	3468.85
MW - 21	02/12/20	3503.03	-	34.07	0.00	3468.96
MW - 21	05/15/20	3503.03	-	33.70	0.00	3469.33
MW - 21	06/24/20	3503.03	-	34.37	0.00	3468.66
MW - 21	07/28/20	3503.03	-	34.76	0.00	3468.27
MW - 21	08/18/20	3503.03	-	34.86	0.00	3468.17
MW - 21	09/11/20	3503.03	-	35.02	0.00	3468.01
MW - 21	10/30/20	3503.03	-	35.19	0.00	3467.84
MW - 21	11/10/20	3503.03	-	35.07	0.00	3467.96
MW - 21	12/30/20	3503.03	-	35.23	0.00	3467.80
MW - 21	01/21/21	3503.03	-	35.11	0.00	3467.92
MW - 21	03/17/21	3503.03	-	35.27	0.00	3467.76
MW - 21	05/26/21	3503.03	-	35.24	0.00	3467.79
MW - 21	07/26/21	3503.03	-	35.31	0.00	3467.72
MW - 21	09/28/21	3503.03	-	35.58	0.00	3467.45
MW - 21	10/13/21	3503.03	-	35.52	0.00	3467.51
MW - 21	12/01/21	3503.03	-	35.51	0.00	3467.52

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 22	06/07/02	3500.05	-	32.73	0.00	3467.32
MW - 22	09/27/02	3500.05	-	32.81	0.00	3467.24
MW - 22	12/04/02	3500.05	-	32.48	0.00	3467.57
MW - 22	02/25/03	3500.05	-	32.25	0.00	3467.80
MW - 22	05/22/03	3500.05	-	32.39	0.00	3467.66
MW - 22	08/26/03	3500.05	-	33.52	0.00	3466.53
MW - 22	11/25/03	3500.05	-	33.68	0.00	3466.37
MW - 22	02/10/04	3500.05	-	33.74	0.00	3466.31
MW - 22	05/10/04	3500.05	-	31.78	0.00	3468.27
MW - 22	08/25/04	3500.05	-	31.70	0.00	3468.35
MW - 22	12/01/04	3500.05	-	30.58	0.00	3469.47
MW - 22	03/10/05	3500.05	-	29.84	0.00	3470.21
MW - 22	06/10/05	3500.05	-	29.12	0.00	3470.93
MW - 22	09/09/05	3500.05	-	29.53	0.00	3470.52
MW - 22	12/05/05	3500.05	-	29.32	0.00	3470.73
MW - 22	03/09/06	3500.05	-	29.17	0.00	3470.88
MW - 22	06/08/06	3500.05	-	29.68	0.00	3470.37
MW - 22	09/15/06	3500.05	-	29.48	0.00	3470.57
MW - 22	11/29/06	3500.05	-	29.19	0.00	3470.86
MW - 22	02/26/07	3500.05	-	29.19	0.00	3470.86
MW - 22	05/21/07	3500.05	-	28.62	0.00	3471.43
MW - 22	08/16/07	3500.05	-	29.46	0.00	3470.59
MW - 22	11/07/07	3500.05	-	29.09	0.00	3470.96
MW - 22	02/12/08	3500.05	-	29.14	0.00	3470.91
MW - 22	05/15/08	3500.05	-	29.30	0.00	3470.75
MW - 22	08/18/08	3500.05	-	30.25	0.00	3469.80
MW - 22	11/13/08	3500.05	-	29.78	0.00	3470.27
MW - 22	02/11/09	3500.05	-	29.87	0.00	3470.18
MW - 22	05/13/09	3500.05	-	29.83	0.00	3470.22
MW - 22	08/11/09	3500.05	-	30.28	0.00	3469.77
MW - 22	11/23/09	3500.05	-	30.91	0.00	3469.14
MW - 22	01/05/10	3500.05	-	30.72	0.00	3469.33
MW - 22	02/10/10	3500.05	-	30.94	0.00	3469.11
MW - 22	05/25/10	3500.05	-	30.86	0.00	3469.19
MW - 22	08/13/10	3500.05	-	30.88	0.00	3469.17
MW - 22	11/17/10	3500.05	-	30.93	0.00	3469.12
MW - 22	02/22/11	3500.05	-	30.90	0.00	3469.15
MW - 22	05/17/11	3500.05	-	30.93	0.00	3469.12
MW - 22	08/11/11	3500.05	-	31.20	0.00	3468.85
MW - 22	11/08/11	3500.05	-	31.74	0.00	3468.31
MW - 22	03/01/12	3500.05	-	31.46	0.00	3468.59
MW - 22	05/23/12	3500.05	-	31.48	0.00	3468.57
MW - 22	08/09/12	3500.05	-	31.92	0.00	3468.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 22	11/19/12	3500.05	-	32.03	0.00	3468.02
MW - 22	02/12/13	3500.05	-	31.90	0.00	3468.15
MW - 22	05/15/13	3500.05	-	33.52	0.00	3466.53
MW - 22	08/07/13	3500.05	-	33.98	0.00	3466.07
MW - 22	11/27/13	3500.05	-	34.10	0.00	3465.95
MW - 22	02/10/14	3500.05	-	34.64	0.00	3465.41
MW - 22	05/22/14	3500.05	-	34.02	0.00	3466.03
MW - 22	07/22/14	3500.05	-	34.05	0.00	3466.00
MW - 22	08/13/14	3500.05	-	34.19	0.00	3465.86
MW - 22	10/27/14	3500.05	-	32.56	0.00	3467.49
MW - 22	11/05/14	3500.05	-	33.60	0.00	3466.45
MW - 22	01/09/15	3500.05	-	32.95	0.00	3467.10
MW - 22	02/17/15	3500.05	-	32.85	0.00	3467.20
MW - 22	03/31/15	3500.05	-	32.62	0.00	3467.43
MW - 22	05/14/15	3500.05	-	32.38	0.00	3467.67
MW - 22	07/09/15	3500.05	-	32.44	0.00	3467.61
MW - 22	08/04/15	3500.05	-	32.78	0.00	3467.27
MW - 22	11/16/15	3500.05	-	32.42	0.00	3467.63
MW - 22	01/15/16	3500.05	-	32.35	0.00	3467.70
MW - 22	02/10/16	3500.05	-	32.32	0.00	3467.73
MW - 22	04/15/16	3500.05	-	32.08	0.00	3467.97
MW - 22	05/24/16	3500.05	-	32.15	0.00	3467.90
MW - 22	06/28/16	3500.05	-	32.58	0.00	3467.47
MW - 22	07/21/16	3500.05	-	32.90	0.00	3467.15
MW - 22	08/18/16	3500.05	-	33.14	0.00	3466.91
MW - 22	10/25/16	3500.05	-	31.15	0.00	3468.90
MW - 22	11/22/16	3500.05	-	31.10	0.00	3468.95
MW - 22	12/27/16	3500.05	-	31.23	0.00	3468.82
MW - 22	01/24/17	3500.05	-	31.12	0.00	3468.93
MW - 22	03/01/17	3500.05	-	31.27	0.00	3468.78
MW - 22	04/19/17	3500.05	-	30.90	0.00	3469.15
MW - 22	05/18/17	3500.05	-	31.04	0.00	3469.01
MW - 22	06/12/17	3500.05	-	31.34	0.00	3468.71
MW - 22	07/25/17	3500.05	-	31.93	0.00	3468.12
MW - 22	08/14/17	3500.05	-	30.47	0.00	3469.58
MW - 22	10/17/17	3500.05	-	31.12	0.00	3468.93
MW - 22	11/15/17	3500.05	-	31.29	0.00	3468.76
MW - 22	12/22/17	3500.05	-	31.18	0.00	3468.87
MW - 22	01/17/18	3500.05	-	31.16	0.00	3468.89
MW - 22	02/19/18	3500.05	-	31.01	0.00	3469.04
MW - 22	03/28/18	3500.05	-	31.13	0.00	3468.92
MW - 22	04/27/18	3500.05	-	31.21	0.00	3468.84
MW - 22	05/15/18	3500.05	-	31.31	0.00	3468.74

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 22	06/29/18	3500.05	-	31.85	0.00	3468.20
MW - 22	07/16/18	3500.05	-	32.05	0.00	3468.00
MW - 22	08/14/18	3500.05	-	32.37	0.00	3467.68
MW - 22	11/28/18	3500.05	-	31.73	0.00	3468.32
MW - 22	12/14/18	3500.05	-	31.82	0.00	3468.23
MW - 22	01/29/19	3500.05	-	31.77	0.00	3468.28
MW - 22	03/04/19	3500.05	-	31.66	0.00	3468.39
MW - 22	03/29/19	3500.05	-	31.44	0.00	3468.61
MW - 22	04/18/19	3500.05	-	31.53	0.00	3468.52
MW - 22	05/13/19	3500.05	-	31.48	0.00	3468.57
MW - 22	06/06/19	3500.05	-	31.70	0.00	3468.35
MW - 22	07/17/19	3500.05	-	32.06	0.00	3467.99
MW - 22	09/10/19	3500.05	-	32.48	0.00	3467.57
MW - 22	10/16/19	3500.05	-	32.19	0.00	3467.86
MW - 22	12/03/19	3500.05	-	31.77	0.00	3468.28
MW - 22	12/30/19	3500.05	-	31.77	0.00	3468.28
MW - 22	01/14/20	3500.05	-	31.77	0.00	3468.28
MW - 22	02/12/20	3500.05	-	31.67	0.00	3468.38
MW - 22	05/15/20	3500.05	-	31.29	0.00	3468.76
MW - 22	06/24/20	3500.05	-	31.94	0.00	3468.11
MW - 22	07/28/20	3500.05	-	32.31	0.00	3467.74
MW - 22	08/18/20	3500.05	-	32.42	0.00	3467.63
MW - 22	09/11/20	3500.05	-	35.58	0.00	3464.47
MW - 22	10/30/20	3500.05	-	32.76	0.00	3467.29
MW - 22	11/10/20	3500.05	-	32.70	0.00	3467.35
MW - 22	12/30/20	3500.05	-	32.79	0.00	3467.26
MW - 22	01/21/21	3500.05	-	32.74	0.00	3467.31
MW - 22	03/17/21	3500.05	-	32.82	0.00	3467.23
MW - 22	05/26/21	3500.05	-	32.79	0.00	3467.26
MW - 22	07/26/21	3500.05	-	32.89	0.00	3467.16
MW - 22	09/28/21	3500.05	-	33.15	0.00	3466.90
MW - 22	10/13/21	3500.05	-	33.10	0.00	3466.95
MW - 22	12/01/21	3500.05	-	33.09	0.00	3466.96
MW - 23	06/07/02	3498.88	-	31.59	0.00	3467.29
MW - 23	09/27/02	3498.88	-	31.68	0.00	3467.20
MW - 23	12/04/02	3498.88	-	31.36	0.00	3467.52
MW - 23	02/25/03	3498.88	-	31.06	0.00	3467.82
MW - 23	05/22/03	3498.88	-	31.22	0.00	3467.66
MW - 23	08/26/03	3498.88	-	32.38	0.00	3466.50
MW - 23	11/25/03	3498.88	-	32.50	0.00	3466.38
MW - 23	02/10/04	3498.88	-	32.58	0.00	3466.30
MW - 23	05/10/04	3498.88	-	30.68	0.00	3468.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	08/25/04	3498.88	-	30.61	0.00	3468.27
MW - 23	12/01/04	3498.88	-	29.50	0.00	3469.38
MW - 23	03/10/05	3498.88	-	28.75	0.00	3470.13
MW - 23	06/10/05	3498.88	-	27.94	0.00	3470.94
MW - 23	09/09/05	3498.88	-	28.40	0.00	3470.48
MW - 23	12/05/05	3498.88	-	28.20	0.00	3470.68
MW - 23	03/09/06	3498.88	-	28.03	0.00	3470.85
MW - 23	06/08/06	3498.88	-	28.61	0.00	3470.27
MW - 23	09/15/06	3498.88	-	28.34	0.00	3470.54
MW - 23	11/29/06	3498.88	-	28.05	0.00	3470.83
MW - 23	02/14/07	3498.88	-	28.07	0.00	3470.81
MW - 23	02/28/07	3498.88	-	28.06	0.00	3470.82
MW - 23	05/21/07	3498.88	-	27.44	0.00	3471.44
MW - 23	08/16/07	3498.88	-	28.32	0.00	3470.56
MW - 23	11/07/07	3498.88	-	27.98	0.00	3470.90
MW - 23	02/12/08	3498.88	-	28.63	0.00	3470.25
MW - 23	05/15/08	3498.88	-	28.14	0.00	3470.74
MW - 23	08/18/08	3498.88	-	29.04	0.00	3469.84
MW - 23	09/17/08	3498.88	-	28.90	0.00	3469.98
MW - 23	11/13/08	3498.88	-	28.68	0.00	3470.20
MW - 23	02/11/09	3498.88	-	28.74	0.00	3470.14
MW - 23	02/24/09	3498.88	-	28.65	0.00	3470.23
MW - 23	03/04/09	3498.88	-	28.65	0.00	3470.23
MW - 23	03/17/09	3498.88	-	28.67	0.00	3470.21
MW - 23	03/25/09	3498.88	-	28.68	0.00	3470.20
MW - 23	04/08/09	3498.88	-	28.67	0.00	3470.21
MW - 23	04/15/09	3498.88	-	28.66	0.00	3470.22
MW - 23	04/15/09	3498.88	-	28.65	0.00	3470.23
MW - 23	05/13/09	3498.88	-	28.74	0.00	3470.14
MW - 23	06/10/09	3498.88	-	28.75	0.00	3470.13
MW - 23	06/12/09	3498.88	-	29.15	0.00	3469.73
MW - 23	06/18/09	3498.88	-	28.74	0.00	3470.14
MW - 23	07/02/09	3498.88	-	29.30	0.00	3469.58
MW - 23	07/08/09	3498.88	-	29.28	0.00	3469.60
MW - 23	07/14/09	3498.88	-	29.32	0.00	3469.56
MW - 23	07/20/09	3498.88	-	29.34	0.00	3469.54
MW - 23	07/27/09	3498.88	-	29.35	0.00	3469.53
MW - 23	08/03/09	3498.88	-	29.38	0.00	3469.50
MW - 23	08/11/09	3498.88	-	29.49	0.00	3469.39
MW - 23	08/24/09	3498.88	-	39.13	0.00	3459.75
MW - 23	08/31/09	3498.88	-	39.16	0.00	3459.72
MW - 23	09/08/09	3498.88	-	29.57	0.00	3469.31
MW - 23	09/22/09	3498.88	-	29.58	0.00	3469.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	09/29/09	3498.88	-	29.35	0.00	3469.53
MW - 23	10/07/09	3498.88	-	29.71	0.00	3469.17
MW - 23	10/12/09	3498.88	-	29.30	0.00	3469.58
MW - 23	10/16/09	3498.88	-	29.59	0.00	3469.29
MW - 23	10/26/09	3498.88	-	29.31	0.00	3469.57
MW - 23	11/12/09	3498.88	-	29.76	0.00	3469.12
MW - 23	11/23/09	3498.88	-	29.78	0.00	3469.10
MW - 23	12/28/09	3498.88	-	29.33	0.00	3469.55
MW - 23	01/05/10	3498.88	-	29.79	0.00	3469.09
MW - 23	01/20/10	3498.88	-	29.31	0.00	3469.57
MW - 23	01/25/10	3498.88	-	29.33	0.00	3469.55
MW - 23	02/10/10	3498.88	-	29.81	0.00	3469.07
MW - 23	03/01/10	3498.88	-	29.36	0.00	3469.52
MW - 23	05/25/10	3498.88	-	29.59	0.00	3469.29
MW - 23	06/25/10	3498.88	-	29.83	0.00	3469.05
MW - 23	07/07/10	3498.88	-	29.61	0.00	3469.27
MW - 23	07/12/10	3498.88	-	29.22	0.00	3469.66
MW - 23	08/03/10	3498.88	-	28.97	0.00	3469.91
MW - 23	08/13/10	3498.88	-	28.93	0.00	3469.95
MW - 23	08/19/10	3498.88	-	28.95	0.00	3469.93
MW - 23	08/25/10	3498.88	-	29.02	0.00	3469.86
MW - 23	09/01/10	3498.88	-	28.95	0.00	3469.93
MW - 23	09/09/10	3498.88	-	29.00	0.00	3469.88
MW - 23	09/29/10	3498.88	-	28.99	0.00	3469.89
MW - 23	11/03/10	3498.88	-	28.91	0.00	3469.97
MW - 23	11/10/10	3498.88	-	29.16	0.00	3469.72
MW - 23	11/18/10	3498.88	-	29.80	0.00	3469.08
MW - 23	12/09/10	3498.88	-	28.96	0.00	3469.92
MW - 23	02/22/11	3498.88	-	29.21	0.00	3469.67
MW - 23	03/01/11	3498.88	sheen	29.34	0.00	3469.54
MW - 23	03/07/11	3498.88	sheen	29.19	0.00	3469.69
MW - 23	04/27/11	3498.88	-	29.47	0.00	3469.41
MW - 23	05/05/11	3498.88	sheen	29.50	0.00	3469.38
MW - 23	05/10/11	3498.88	-	29.37	0.00	3469.51
MW - 23	05/17/11	3498.88	-	29.83	0.00	3469.05
MW - 23	05/17/11	3498.88	-	29.83	0.00	3469.05
MW - 23	05/24/11	3498.88	-	29.91	0.00	3468.97
MW - 23	06/07/11	3498.88	-	29.64	0.00	3469.24
MW - 23	06/14/11	3498.88	-	29.78	0.00	3469.10
MW - 23	06/23/11	3498.88	-	29.70	0.00	3469.18
MW - 23	06/28/11	3498.88	-	29.82	0.00	3469.06
MW - 23	07/06/11	3498.88	sheen	30.07	0.00	3468.81
MW - 23	07/14/11	3498.88	sheen	30.13	0.00	3468.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	07/27/11	3498.88	-	30.11	0.00	3468.77
MW - 23	08/03/11	3498.88	-	30.31	0.00	3468.57
MW - 23	08/11/11	3498.88	-	30.30	0.00	3468.58
MW - 23	08/18/11	3498.88	-	30.20	0.00	3468.68
MW - 23	08/25/11	3498.88	-	30.25	0.00	3468.63
MW - 23	09/02/11	3498.88	-	30.40	0.00	3468.48
MW - 23	09/09/11	3498.88	-	30.58	0.00	3468.30
MW - 23	11/08/11	3498.88	-	30.60	0.00	3468.28
MW - 23	12/28/11	3498.88	-	30.49	0.00	3468.39
MW - 23	01/05/12	3498.88	-	30.53	0.00	3468.35
MW - 23	01/18/12	3498.88	-	30.47	0.00	3468.41
MW - 23	01/27/12	3498.88	-	30.48	0.00	3468.40
MW - 23	02/02/12	3498.88	-	30.39	0.00	3468.49
MW - 23	02/10/12	3498.88	-	30.46	0.00	3468.42
MW - 23	02/15/12	3498.88	-	30.39	0.00	3468.49
MW - 23	03/01/12	3498.88	-	30.33	0.00	3468.55
MW - 23	03/07/12	3498.88	-	30.33	0.00	3468.55
MW - 23	03/14/12	3498.88	-	30.35	0.00	3468.53
MW - 23	03/19/12	3498.88	-	30.31	0.00	3468.57
MW - 23	03/26/12	3498.88	-	30.29	0.00	3468.59
MW - 23	04/04/12	3498.88	-	30.34	0.00	3468.54
MW - 23	04/11/12	3498.88	-	30.33	0.00	3468.55
MW - 23	04/17/12	3498.88	-	30.34	0.00	3468.54
MW - 23	04/25/12	3498.88	-	30.27	0.00	3468.61
MW - 23	05/23/12	3498.88	-	30.32	0.00	3468.56
MW - 23	05/31/12	3498.88	-	30.38	0.00	3468.50
MW - 23	06/06/12	3498.88	-	30.34	0.00	3468.54
MW - 23	06/13/12	3498.88	-	30.45	0.00	3468.43
MW - 23	06/20/12	3498.88	-	30.38	0.00	3468.50
MW - 23	07/11/12	3498.88	-	30.56	0.00	3468.32
MW - 23	07/18/12	3498.88	-	30.63	0.00	3468.25
MW - 23	08/02/12	3498.88	-	30.71	0.00	3468.17
MW - 23	08/09/12	3498.88	-	30.76	0.00	3468.12
MW - 23	08/16/12	3498.88	-	30.88	0.00	3468.00
MW - 23	10/02/12	3498.88	-	31.08	0.00	3467.80
MW - 23	10/10/12	3498.88	-	31.01	0.00	3467.87
MW - 23	10/17/12	3498.88	-	30.89	0.00	3467.99
MW - 23	10/26/12	3498.88	-	31.02	0.00	3467.86
MW - 23	11/01/12	3498.88	-	30.94	0.00	3467.94
MW - 23	11/19/12	3498.88	-	30.91	0.00	3467.97
MW - 23	12/13/12	3498.88	-	30.84	0.00	3468.04
MW - 23	12/18/12	3498.88	-	30.74	0.00	3468.14
MW - 23	01/08/13	3498.88	-	30.73	0.00	3468.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	01/16/13	3498.88	-	30.83	0.00	3468.05
MW - 23	01/24/13	3498.88	-	30.82	0.00	3468.06
MW - 23	01/30/13	3498.88	-	30.82	0.00	3468.06
MW - 23	02/12/13	3498.88	-	30.73	0.00	3468.15
MW - 23	05/15/13	3498.88	-	32.82	0.00	3466.06
MW - 23	08/07/13	3498.88	-	33.40	0.00	3465.48
MW - 23	11/27/13	3498.88	-	33.55	0.00	3465.33
MW - 23	02/10/14	3498.88	-	35.99	0.00	3462.89
MW - 23	05/22/14	3498.88	-	33.48	0.00	3465.40
MW - 23	06/25/14	3498.88	-	33.90	0.00	3464.98
MW - 23	06/30/14	3498.88	-	33.87	0.00	3465.01
MW - 23	07/11/14	3498.88	-	33.96	0.00	3464.92
MW - 23	07/14/14	3498.88	-	33.98	0.00	3464.90
MW - 23	07/22/14	3498.88	-	34.06	0.00	3464.82
MW - 23	07/23/14	3498.88	-	34.06	0.00	3464.82
MW - 23	08/05/14	3498.88	-	34.12	0.00	3464.76
MW - 23	08/12/14	3498.88	-	34.19	0.00	3464.69
MW - 23	08/13/14	3498.88	-	34.19	0.00	3464.69
MW - 23	08/27/14	3498.88	-	34.30	0.00	3464.58
MW - 23	09/17/14	3498.88	-	33.58	0.00	3465.30
MW - 23	09/23/14	3498.88	-	33.20	0.00	3465.68
MW - 23	10/10/14	3498.88	-	32.63	0.00	3466.25
MW - 23	10/15/14	3498.88	-	32.59	0.00	3466.29
MW - 23	10/20/14	3498.88	-	32.58	0.00	3466.30
MW - 23	10/27/14	3498.88	-	32.51	0.00	3466.37
MW - 23	11/04/14	3498.88	-	32.65	0.00	3466.23
MW - 23	11/06/14	3498.88	-	32.62	0.00	3466.26
MW - 23	11/11/14	3498.88	-	32.49	0.00	3466.39
MW - 23	11/18/14	3498.88	-	32.47	0.00	3466.41
MW - 23	12/02/14	3498.88	-	32.31	0.00	3466.57
MW - 23	12/09/14	3498.88	-	32.31	0.00	3466.57
MW - 23	12/23/14	3498.88	-	32.36	0.00	3466.52
MW - 23	12/30/14	3498.88	-	32.38	0.00	3466.50
MW - 23	01/06/15	3498.88	-	32.32	0.00	3466.56
MW - 23	01/09/15	3498.88	-	32.34	0.00	3466.54
MW - 23	01/13/15	3498.88	-	32.26	0.00	3466.62
MW - 23	01/21/15	3498.88	-	32.21	0.00	3466.67
MW - 23	01/26/15	3498.88	-	32.26	0.00	3466.62
MW - 23	02/05/15	3498.88	-	32.29	0.00	3466.59
MW - 23	02/16/15	3498.88	-	32.21	0.00	3466.67
MW - 23	02/17/15	3498.88	-	32.24	0.00	3466.64
MW - 23	03/04/15	3498.88	-	32.13	0.00	3466.75
MW - 23	03/10/15	3498.88	-	32.13	0.00	3466.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	03/16/15	3498.88	-	32.09	0.00	3466.79
MW - 23	03/23/15	3498.88	-	32.00	0.00	3466.88
MW - 23	03/31/15	3498.88	-	32.01	0.00	3466.87
MW - 23	04/03/15	3498.88	-	32.15	0.00	3466.73
MW - 23	04/06/15	3498.88	-	32.04	0.00	3466.84
MW - 23	04/16/15	3498.88	-	31.95	0.00	3466.93
MW - 23	04/22/15	3498.88	-	31.87	0.00	3467.01
MW - 23	05/01/15	3498.88	-	-	0.00	Dry
MW - 23	05/11/15	3498.88	-	30.85	0.00	3468.03
MW - 23	05/14/15	3498.88	-	31.77	0.00	3467.11
MW - 23	05/29/15	3498.88	-	-	0.00	Dry
MW - 23	06/04/15	3498.88	-	31.66	0.00	3467.22
MW - 23	06/09/15	3498.88	-	31.64	0.00	3467.24
MW - 23	06/17/15	3498.88	-	31.71	0.00	3467.17
MW - 23	06/23/15	3498.88	-	31.72	0.00	3467.16
MW - 23	06/29/15	3498.88	-	31.69	0.00	3467.19
MW - 23	07/09/15	3498.88	-	31.84	0.00	3467.04
MW - 23	07/15/15	3498.88	-	31.89	0.00	3466.99
MW - 23	07/20/15	3498.88	-	31.99	0.00	3466.89
MW - 23	07/30/15	3498.88	-	32.16	0.00	3466.72
MW - 23	08/03/15	3498.88	-	32.18	0.00	3466.70
MW - 23	08/04/15	3498.88	-	32.18	0.00	3466.70
MW - 23	08/11/15	3498.88	-	32.26	0.00	3466.62
MW - 23	08/18/15	3498.88	-	33.25	0.00	3465.63
MW - 23	08/26/15	3498.88	-	32.22	0.00	3466.66
MW - 23	09/02/15	3498.88	-	32.10	0.00	3466.78
MW - 23	10/22/15	3498.88	-	32.07	0.00	3466.81
MW - 23	11/17/15	3498.88	-	31.79	0.00	3467.09
MW - 23	12/03/15	3498.88	-	31.87	0.00	3467.01
MW - 23	12/09/15	3498.88	-	31.79	0.00	3467.09
MW - 23	01/06/16	3498.88	-	31.75	0.00	3467.13
MW - 23	01/13/16	3498.88	-	31.74	0.00	3467.14
MW - 23	01/15/16	3498.88	-	31.75	0.00	3467.13
MW - 23	01/29/16	3498.88	-	31.65	0.00	3467.23
MW - 23	02/04/16	3498.88	-	31.60	0.00	3467.28
MW - 23	02/10/16	3498.88	-	31.71	0.00	3467.17
MW - 23	02/22/16	3498.88	-	31.60	0.00	3467.28
MW - 23	03/16/16	3498.88	-	31.60	0.00	3467.28
MW - 23	04/12/16	3498.88	-	31.45	0.00	3467.43
MW - 23	04/15/16	3498.88	-	31.47	0.00	3467.41
MW - 23	04/19/16	3498.88	-	31.47	0.00	3467.41
MW - 23	04/29/16	3498.88	-	31.47	0.00	3467.41
MW - 23	05/04/16	3498.88	-	31.94	0.00	3466.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	05/13/16	3498.88	-	31.50	0.00	3467.38
MW - 23	05/18/16	3498.88	-	31.53	0.00	3467.35
MW - 23	05/25/16	3498.88	-	31.51	0.00	3467.37
MW - 23	06/02/16	3498.88	-	32.20	0.00	3466.68
MW - 23	06/06/16	3498.88	-	32.25	0.00	3466.63
MW - 23	06/28/16	3498.88	-	31.97	0.00	3466.91
MW - 23	07/05/16	3498.88	-	32.04	0.00	3466.84
MW - 23	07/14/16	3498.88	-	32.18	0.00	3466.70
MW - 23	07/21/16	3498.88	-	32.31	0.00	3466.57
MW - 23	07/25/16	3498.88	-	32.33	0.00	3466.55
MW - 23	08/01/16	3498.88	-	32.42	0.00	3466.46
MW - 23	08/09/16	3498.88	-	32.52	0.00	3466.36
MW - 23	08/15/16	3498.88	-	32.44	0.00	3466.44
MW - 23	08/18/16	3498.88	-	32.55	0.00	3466.33
MW - 23	08/22/16	3498.88	-	32.57	0.00	3466.31
MW - 23	09/06/16	3498.88	-	31.84	0.00	3467.04
MW - 23	09/12/16	3498.88	-	31.41	0.00	3467.47
MW - 23	09/19/16	3498.88	-	31.13	0.00	3467.75
MW - 23	09/26/16	3498.88	-	30.82	0.00	3468.06
MW - 23	10/17/16	3498.88	-	30.50	0.00	3468.38
MW - 23	10/25/16	3498.88	-	30.57	0.00	3468.31
MW - 23	11/03/16	3498.88	-	30.73	0.00	3468.15
MW - 23	11/08/16	3498.88	-	30.67	0.00	3468.21
MW - 23	11/15/16	3498.88	-	30.57	0.00	3468.31
MW - 23	11/22/16	3498.88	-	30.52	0.00	3468.36
MW - 23	12/05/16	3498.88	-	30.65	0.00	3468.23
MW - 23	12/13/16	3498.88	-	30.65	0.00	3468.23
MW - 23	12/22/16	3498.88	-	30.67	0.00	3468.21
MW - 23	12/27/16	3498.88	-	30.65	0.00	3468.23
MW - 23	01/04/17	3498.88	-	30.54	0.00	3468.34
MW - 23	01/13/17	3498.88	-	30.73	0.00	3468.15
MW - 23	01/17/17	3498.88	-	30.62	0.00	3468.26
MW - 23	01/24/17	3498.88	-	30.52	0.00	3468.36
MW - 23	01/31/17	3498.88	-	30.58	0.00	3468.30
MW - 23	02/07/17	3498.88	-	30.54	0.00	3468.34
MW - 23	02/16/17	3498.88	-	30.47	0.00	3468.41
MW - 23	02/20/17	3498.88	-	30.61	0.00	3468.27
MW - 23	03/01/17	3498.88	-	30.68	0.00	3468.20
MW - 23	03/06/17	3498.88	-	30.44	0.00	3468.44
MW - 23	03/14/17	3498.88	-	30.46	0.00	3468.42
MW - 23	03/24/17	3498.88	-	30.47	0.00	3468.41
MW - 23	04/04/17	3498.88	-	30.35	0.00	3468.53
MW - 23	04/13/17	3498.88	-	30.36	0.00	3468.52

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	04/19/17	3498.88	-	30.29	0.00	3468.59
MW - 23	05/01/17	3498.88	-	30.37	0.00	3468.51
MW - 23	05/18/17	3498.88	-	30.42	0.00	3468.46
MW - 23	05/23/17	3498.88	-	30.57	0.00	3468.31
MW - 23	06/06/17	3498.88	-	30.70	0.00	3468.18
MW - 23	06/12/17	3498.88	-	30.73	0.00	3468.15
MW - 23	07/03/17	3498.88	-	30.96	0.00	3467.92
MW - 23	07/25/17	3498.88	-	31.18	0.00	3467.70
MW - 23	08/14/17	3498.88	-	30.86	0.00	3468.02
MW - 23	08/21/17	3498.88	-	30.86	0.00	3468.02
MW - 23	09/06/17	3498.88	-	30.44	0.00	3468.44
MW - 23	09/12/17	3498.88	-	30.63	0.00	3468.25
MW - 23	10/04/17	3498.88	-	30.52	0.00	3468.36
MW - 23	10/17/17	3498.88	-	30.51	0.00	3468.37
MW - 23	10/23/17	3498.88	-	30.53	0.00	3468.35
MW - 23	10/30/17	3498.88	-	30.55	0.00	3468.33
MW - 23	11/15/17	3498.88	-	30.58	0.00	3468.30
MW - 23	12/04/17	3498.88	-	30.44	0.00	3468.44
MW - 23	12/22/17	3498.88	-	30.58	0.00	3468.30
MW - 23	12/29/17	3498.88	-	30.58	0.00	3468.30
MW - 23	01/02/18	3498.88	-	30.59	0.00	3468.29
MW - 23	01/17/18	3498.88	-	30.56	0.00	3468.32
MW - 23	01/23/18	3498.88	-	30.59	0.00	3468.29
MW - 23	01/29/18	3498.88	-	30.67	0.00	3468.21
MW - 23	02/05/18	3498.88	-	30.42	0.00	3468.46
MW - 23	02/14/18	3498.88	-	30.52	0.00	3468.36
MW - 23	02/19/18	3498.88	-	29.41	0.00	3469.47
MW - 23	03/28/18	3498.88	-	30.57	0.00	3468.31
MW - 23	04/05/18	3498.88	-	30.49	0.00	3468.39
MW - 23	04/27/18	3498.88	-	30.62	0.00	3468.26
MW - 23	05/16/18	3498.88	-	30.71	0.00	3468.17
MW - 23	06/15/18	3498.88	-	31.06	0.00	3467.82
MW - 23	06/19/18	3498.88	-	31.12	0.00	3467.76
MW - 23	06/29/18	3498.88	-	31.24	0.00	3467.64
MW - 23	07/16/18	3498.88	-	31.45	0.00	3467.43
MW - 23	08/14/18	3498.88	-	31.69	0.00	3467.19
MW - 23	09/05/18	3498.88	-	31.88	0.00	3467.00
MW - 23	09/10/18	3498.88	-	31.64	0.00	3467.24
MW - 23	10/08/18	3498.88	-	31.52	0.00	3467.36
MW - 23	11/28/18	3498.88	-	31.11	0.00	3467.77
MW - 23	12/14/18	3498.88	-	31.21	0.00	3467.67
MW - 23	01/29/19	3498.88	-	31.37	0.00	3467.51
MW - 23	03/04/19	3498.88	-	31.11	0.00	3467.77

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	03/27/19	3498.88	-	30.89	0.00	3467.99
MW - 23	03/29/19	3498.88	-	30.86	0.00	3468.02
MW - 23	04/02/19	3498.88	-	30.85	0.00	3468.03
MW - 23	04/18/19	3498.88	-	30.90	0.00	3467.98
MW - 23	04/25/19	3498.88	-	30.82	0.00	3468.06
MW - 23	05/02/19	3498.88	-	30.86	0.00	3468.02
MW - 23	05/14/19	3498.88	-	30.88	0.00	3468.00
MW - 23	05/20/19	3498.88	-	30.84	0.00	3468.04
MW - 23	06/06/19	3498.88	-	31.10	0.00	3467.78
MW - 23	07/17/19	3498.88	-	31.44	0.00	3467.44
MW - 23	09/10/19	3498.88	-	31.87	0.00	3467.01
MW - 23	10/16/19	3498.88	-	31.49	0.00	3467.39
MW - 23	12/04/19	3498.88	-	31.16	0.00	3467.72
MW - 23	12/30/19	3498.88	-	31.18	0.00	3467.70
MW - 23	01/14/20	3498.88	-	31.16	0.00	3467.72
MW - 23	02/12/20	3498.88	-	31.11	0.00	3467.77
MW - 23	05/15/20	3498.88	-	30.69	0.00	3468.19
MW - 23	06/25/20	3498.88	-	31.33	0.00	3467.55
MW - 23	07/28/20	3498.88	-	31.70	0.00	3467.18
MW - 23	08/19/20	3498.88	-	31.82	0.00	3467.06
MW - 23	09/11/20	3498.88	-	31.97	0.00	3466.91
MW - 23	10/30/20	3498.88	-	32.16	0.00	3466.72
MW - 23	11/10/20	3498.88	-	32.07	0.00	3466.81
MW - 23	12/30/20	3498.88	-	32.19	0.00	3466.69
MW - 23	01/21/21	3498.88	-	32.13	0.00	3466.75
MW - 23	03/17/21	3498.88	-	32.22	0.00	3466.66
MW - 23	05/27/21	3498.88	-	32.18	0.00	3466.70
MW - 23	07/26/21	3498.88	-	32.26	0.00	3466.62
MW - 23	09/29/21	3498.88	-	32.53	0.00	3466.35
MW - 23	10/13/21	3498.88	-	32.48	0.00	3466.40
MW - 23	12/01/21	3498.88	-	32.49	0.00	3466.39
MW - 24	06/07/02	3498.79	-	31.45	0.00	3467.34
MW - 24	09/27/02	3498.79	-	31.54	0.00	3467.25
MW - 24	12/04/02	3498.79	-	31.28	0.00	3467.51
MW - 24	02/25/03	3498.79	-	30.93	0.00	3467.86
MW - 24	05/22/03	3498.79	-	31.09	0.00	3467.70
MW - 24	08/26/03	3498.79	-	32.25	0.00	3466.54
MW - 24	11/25/03	3498.79	-	32.36	0.00	3466.43
MW - 24	02/10/04	3498.79	-	32.43	0.00	3466.36
MW - 24	05/10/04	3498.79	-	30.53	0.00	3468.26
MW - 24	08/25/04	3498.79	-	30.41	0.00	3468.38
MW - 24	12/01/04	3498.79	-	29.38	0.00	3469.41

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	03/10/05	3498.79	-	28.66	0.00	3470.13
MW - 24	06/10/05	3498.79	-	27.80	0.00	3470.99
MW - 24	09/09/05	3498.79	-	28.28	0.00	3470.51
MW - 24	12/05/05	3498.79	-	28.09	0.00	3470.70
MW - 24	03/09/06	3498.79	-	27.92	0.00	3470.87
MW - 24	06/08/06	3498.79	-	28.46	0.00	3470.33
MW - 24	09/15/06	3498.79	-	28.22	0.00	3470.57
MW - 24	11/29/06	3498.79	-	27.91	0.00	3470.88
MW - 24	02/14/07	3498.79	-	27.96	0.00	3470.83
MW - 24	02/26/07	3498.79	-	27.84	0.00	3470.95
MW - 24	05/21/07	3498.79	-	27.34	0.00	3471.45
MW - 24	08/16/07	3498.79	-	28.19	0.00	3470.60
MW - 24	11/07/07	3498.79	-	27.86	0.00	3470.93
MW - 24	02/12/08	3498.79	-	28.50	0.00	3470.29
MW - 24	05/15/08	3498.79	-	27.99	0.00	3470.80
MW - 24	08/18/08	3498.79	-	29.00	0.00	3469.79
MW - 24	09/17/08	3498.79	-	28.74	0.00	3470.05
MW - 24	11/13/08	3498.79	-	28.52	0.00	3470.27
MW - 24	02/11/09	3498.79	-	28.54	0.00	3470.25
MW - 24	02/24/09	3498.79	-	28.54	0.00	3470.25
MW - 24	03/04/09	3498.79	-	28.50	0.00	3470.29
MW - 24	03/17/09	3498.79	-	28.56	0.00	3470.23
MW - 24	03/25/09	3498.79	-	28.52	0.00	3470.27
MW - 24	04/08/09	3498.79	-	28.54	0.00	3470.25
MW - 24	04/15/09	3498.79	-	28.57	0.00	3470.22
MW - 24	04/29/09	3498.79	-	28.54	0.00	3470.25
MW - 24	05/13/09	3498.79	-	28.59	0.00	3470.20
MW - 24	06/10/09	3498.79	-	26.61	0.00	3472.18
MW - 24	06/12/09	3498.79	-	24.00	0.00	3474.79
MW - 24	06/18/09	3498.79	-	28.61	0.00	3470.18
MW - 24	07/02/09	3498.79	-	29.13	0.00	3469.66
MW - 24	07/08/09	3498.79	-	29.18	0.00	3469.61
MW - 24	07/14/09	3498.79	-	29.20	0.00	3469.59
MW - 24	07/27/09	3498.79	-	29.22	0.00	3469.57
MW - 24	08/03/09	3498.79	-	29.26	0.00	3469.53
MW - 24	08/11/09	3498.79	-	29.32	0.00	3469.47
MW - 24	08/24/09	3498.79	-	36.76	0.00	3462.03
MW - 24	08/31/09	3498.79	-	36.78	0.00	3462.01
MW - 24	09/08/09	3498.79	-	29.49	0.00	3469.30
MW - 24	09/22/09	3498.79	-	29.52	0.00	3469.27
MW - 24	09/29/09	3498.79	-	29.23	0.00	3469.56
MW - 24	10/07/09	3498.79	-	29.57	0.00	3469.22
MW - 24	10/12/09	3498.79	-	29.20	0.00	3469.59

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	10/16/09	3498.79	-	29.53	0.00	3469.26
MW - 24	10/26/09	3498.79	-	29.20	0.00	3469.59
MW - 24	11/12/09	3498.79	-	29.61	0.00	3469.18
MW - 24	11/23/09	3498.79	-	29.64	0.00	3469.15
MW - 24	12/28/09	3498.79	-	29.20	0.00	3469.59
MW - 24	01/05/10	3498.79	-	29.66	0.00	3469.13
MW - 24	01/20/10	3498.79	-	29.22	0.00	3469.57
MW - 24	01/25/10	3498.79	-	29.24	0.00	3469.55
MW - 24	02/10/10	3498.79	-	29.67	0.00	3469.12
MW - 24	03/01/10	3498.79	-	29.27	0.00	3469.52
MW - 24	05/25/10	3498.79	-	29.28	0.00	3469.51
MW - 24	06/07/10	3498.79	-	29.50	0.00	3469.29
MW - 24	06/12/10	3498.79	-	29.62	0.00	3469.17
MW - 24	06/25/10	3498.79	-	29.57	0.00	3469.22
MW - 24	07/07/10	3498.79	-	29.42	0.00	3469.37
MW - 24	07/12/10	3498.79	-	29.02	0.00	3469.77
MW - 24	08/03/10	3498.79	-	28.84	0.00	3469.95
MW - 24	08/13/10	3498.79	-	28.79	0.00	3470.00
MW - 24	08/19/10	3498.79	-	28.82	0.00	3469.97
MW - 24	08/25/10	3498.79	-	28.87	0.00	3469.92
MW - 24	09/01/10	3498.79	-	28.81	0.00	3469.98
MW - 24	09/09/10	3498.79	-	28.86	0.00	3469.93
MW - 24	09/29/10	3498.79	-	28.90	0.00	3469.89
MW - 24	11/03/10	3498.79	-	28.82	0.00	3469.97
MW - 24	11/10/10	3498.79	-	28.99	0.00	3469.80
MW - 24	11/18/10	3498.79	-	29.66	0.00	3469.13
MW - 24	12/09/10	3498.79	-	28.73	0.00	3470.06
MW - 24	02/22/11	3498.79	-	29.66	0.00	3469.13
MW - 24	03/01/11	3498.79	sheen	29.18	0.00	3469.61
MW - 24	03/07/11	3498.79	sheen	29.04	0.00	3469.75
MW - 24	04/27/11	3498.79	-	29.33	0.00	3469.46
MW - 24	05/05/11	3498.79	sheen	29.35	0.00	3469.44
MW - 24	05/10/11	3498.79	-	29.41	0.00	3469.38
MW - 24	05/17/11	3498.79	-	29.69	0.00	3469.10
MW - 24	05/17/11	3498.79	-	29.69	0.00	3469.10
MW - 24	05/24/11	3498.79	-	29.70	0.00	3469.09
MW - 24	06/07/11	3498.79	-	29.52	0.00	3469.27
MW - 24	06/14/11	3498.79	-	29.67	0.00	3469.12
MW - 24	06/23/11	3498.79	-	29.51	0.00	3469.28
MW - 24	06/28/11	3498.79	-	29.63	0.00	3469.16
MW - 24	07/06/11	3498.79	-	29.90	0.00	3468.89
MW - 24	07/14/11	3498.79	-	29.98	0.00	3468.81
MW - 24	07/27/11	3498.79	-	29.88	0.00	3468.91

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	08/03/11	3498.79	-	30.05	0.00	3468.74
MW - 24	08/11/11	3498.79	-	30.32	0.00	3468.47
MW - 24	08/18/11	3498.79	-	30.30	0.00	3468.49
MW - 24	08/25/11	3498.79	-	30.42	0.00	3468.37
MW - 24	09/02/11	3498.79	-	30.47	0.00	3468.32
MW - 24	09/09/11	3498.79	-	30.38	0.00	3468.41
MW - 24	11/08/11	3498.79	-	30.42	0.00	3468.37
MW - 24	12/28/11	3498.79	-	30.32	0.00	3468.47
MW - 24	01/05/12	3498.79	-	30.30	0.00	3468.49
MW - 24	01/18/12	3498.79	-	30.25	0.00	3468.54
MW - 24	01/27/12	3498.79	-	30.26	0.00	3468.53
MW - 24	02/02/12	3498.79	-	30.20	0.00	3468.59
MW - 24	02/10/12	3498.79	-	30.31	0.00	3468.48
MW - 24	02/15/12	3498.79	-	30.24	0.00	3468.55
MW - 24	03/01/12	3498.79	-	30.15	0.00	3468.64
MW - 24	03/07/12	3498.79	-	30.14	0.00	3468.65
MW - 24	03/14/12	3498.79	-	30.19	0.00	3468.60
MW - 24	03/19/12	3498.79	-	30.13	0.00	3468.66
MW - 24	03/26/12	3498.79	-	30.13	0.00	3468.66
MW - 24	04/04/12	3498.79	-	30.13	0.00	3468.66
MW - 24	04/11/12	3498.79	-	30.11	0.00	3468.68
MW - 24	04/17/12	3498.79	-	30.14	0.00	3468.65
MW - 24	04/25/12	3498.79	-	30.09	0.00	3468.70
MW - 24	05/23/12	3498.79	-	30.15	0.00	3468.64
MW - 24	05/31/12	3498.79	-	30.19	0.00	3468.60
MW - 24	06/06/12	3498.79	-	30.17	0.00	3468.62
MW - 24	06/13/12	3498.79	-	30.33	0.00	3468.46
MW - 24	06/20/12	3498.79	-	30.21	0.00	3468.58
MW - 24	07/11/12	3498.79	-	30.38	0.00	3468.41
MW - 24	07/18/12	3498.79	-	30.46	0.00	3468.33
MW - 24	08/02/12	3498.79	-	30.54	0.00	3468.25
MW - 24	08/09/12	3498.79	-	30.69	0.00	3468.10
MW - 24	08/16/12	3498.79	-	30.71	0.00	3468.08
MW - 24	10/02/12	3498.79	-	30.90	0.00	3467.89
MW - 24	10/10/12	3498.79	-	30.86	0.00	3467.93
MW - 24	10/17/12	3498.79	-	30.71	0.00	3468.08
MW - 24	10/26/12	3498.79	-	30.84	0.00	3467.95
MW - 24	11/01/12	3498.79	-	30.72	0.00	3468.07
MW - 24	11/19/12	3498.79	-	30.69	0.00	3468.10
MW - 24	12/13/12	3498.79	-	30.64	0.00	3468.15
MW - 24	12/18/12	3498.79	-	30.55	0.00	3468.24
MW - 24	01/08/13	3498.79	-	30.57	0.00	3468.22
MW - 24	01/16/13	3498.79	-	30.64	0.00	3468.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	01/24/13	3498.79	-	30.63	0.00	3468.16
MW - 24	01/30/13	3498.79	-	30.62	0.00	3468.17
MW - 24	02/12/13	3498.79	-	30.56	0.00	3468.23
MW - 24	03/19/13	3498.79	-	30.52	0.00	3468.27
MW - 24	04/02/13	3498.79	-	30.55	0.00	3468.24
MW - 24	04/08/13	3498.79	-	30.47	0.00	3468.32
MW - 24	04/16/13	3498.79	-	30.56	0.00	3468.23
MW - 24	04/23/13	3498.79	-	30.63	0.00	3468.16
MW - 24	05/01/13	3498.79	-	30.56	0.00	3468.23
MW - 24	05/08/13	3498.79	-	30.53	0.00	3468.26
MW - 24	05/15/13	3498.79	-	30.50	0.00	3468.29
MW - 24	05/17/13	3498.79	-	30.56	0.00	3468.23
MW - 24	05/23/13	3498.79	-	30.61	0.00	3468.18
MW - 24	05/29/13	3498.79	-	29.59	0.00	3469.20
MW - 24	06/12/13	3498.79	-	30.85	0.00	3467.94
MW - 24	06/19/13	3498.79	-	30.92	0.00	3467.87
MW - 24	06/27/13	3498.79	-	31.03	0.00	3467.76
MW - 24	07/02/13	3498.79	-	30.08	0.00	3468.71
MW - 24	07/08/13	3498.79	-	31.12	0.00	3467.67
MW - 24	07/15/13	3498.79	-	31.20	0.00	3467.59
MW - 24	07/23/13	3498.79	-	31.06	0.00	3467.73
MW - 24	07/29/13	3498.79	-	31.01	0.00	3467.78
MW - 24	08/07/13	3498.79	-	31.09	0.00	3467.70
MW - 24	08/15/13	3498.79	-	31.19	0.00	3467.60
MW - 24	08/20/13	3498.79	-	31.22	0.00	3467.57
MW - 24	08/28/13	3498.79	-	31.28	0.00	3467.51
MW - 24	09/05/13	3498.79	-	31.33	0.00	3467.46
MW - 24	09/09/13	3498.79	-	31.29	0.00	3467.50
MW - 24	09/18/13	3498.79	-	31.36	0.00	3467.43
MW - 24	09/28/13	3498.79	-	31.41	0.00	3467.38
MW - 24	10/01/13	3498.79	-	31.39	0.00	3467.40
MW - 24	10/08/13	3498.79	-	31.40	0.00	3467.39
MW - 24	10/14/13	3498.79	-	31.41	0.00	3467.38
MW - 24	10/23/13	3498.79	-	31.26	0.00	3467.53
MW - 24	10/29/13	3498.79	-	31.21	0.00	3467.58
MW - 24	11/16/13	3498.79	-	31.12	0.00	3467.67
MW - 24	11/27/13	3498.79	-	31.20	0.00	3467.59
MW - 24	12/02/13	3498.79	-	31.10	0.00	3467.69
MW - 24	12/14/13	3498.79	-	31.16	0.00	3467.63
MW - 24	12/19/13	3498.79	-	31.04	0.00	3467.75
MW - 24	12/24/13	3498.79	-	31.11	0.00	3467.68
MW - 24	01/02/14	3498.79	-	31.13	0.00	3467.66
MW - 24	01/07/14	3498.79	-	31.07	0.00	3467.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	01/14/14	3498.79	-	31.11	0.00	3467.68
MW - 24	01/21/14	3498.79	-	31.05	0.00	3467.74
MW - 24	01/31/14	3498.79	-	31.01	0.00	3467.78
MW - 24	02/10/14	3498.79	-	31.03	0.00	3467.76
MW - 24	02/27/14	3498.79	-	30.97	0.00	3467.82
MW - 24	03/06/14	3498.79	-	31.02	0.00	3467.77
MW - 24	03/13/14	3498.79	-	31.05	0.00	3467.74
MW - 24	03/25/14	3498.79	-	31.02	0.00	3467.77
MW - 24	04/03/14	3498.79	-	30.95	0.00	3467.84
MW - 24	04/07/14	3498.79	-	31.01	0.00	3467.78
MW - 24	04/14/14	3498.79	-	31.11	0.00	3467.68
MW - 24	04/23/14	3498.79	-	30.57	0.00	3468.22
MW - 24	04/28/14	3498.79	-	31.02	0.00	3467.77
MW - 24	05/05/14	3498.79	-	31.01	0.00	3467.78
MW - 24	05/14/14	3498.79	-	31.11	0.00	3467.68
MW - 24	05/22/14	3498.79	-	31.15	0.00	3467.64
MW - 24	05/28/14	3498.79	-	31.24	0.00	3467.55
MW - 24	06/02/14	3498.79	-	31.30	0.00	3467.49
MW - 24	06/12/14	3498.79	-	31.50	0.00	3467.29
MW - 24	06/17/14	3498.79	-	31.53	0.00	3467.26
MW - 24	06/25/14	3498.79	-	31.61	0.00	3467.18
MW - 24	06/30/14	3498.79	-	31.98	0.00	3466.81
MW - 24	07/11/14	3498.79	-	31.66	0.00	3467.13
MW - 24	07/14/14	3498.79	-	31.69	0.00	3467.10
MW - 24	07/22/14	3498.79	-	31.75	0.00	3467.04
MW - 24	07/23/14	3498.79	-	31.75	0.00	3467.04
MW - 24	08/05/14	3498.79	-	31.85	0.00	3466.94
MW - 24	08/12/14	3498.79	-	31.91	0.00	3466.88
MW - 24	08/13/14	3498.79	-	31.90	0.00	3466.89
MW - 24	08/27/14	3498.79	-	31.97	0.00	3466.82
MW - 24	09/17/14	3498.79	-	31.14	0.00	3467.65
MW - 24	09/23/14	3498.79	-	30.73	0.00	3468.06
MW - 24	10/10/14	3498.79	-	30.20	0.00	3468.59
MW - 24	10/15/14	3498.79	-	30.19	0.00	3468.60
MW - 24	10/20/14	3498.79	-	30.19	0.00	3468.60
MW - 24	10/27/14	3498.79	-	30.16	0.00	3468.63
MW - 24	11/04/14	3498.79	-	30.29	0.00	3468.50
MW - 24	11/06/14	3498.79	-	30.26	0.00	3468.53
MW - 24	11/11/14	3498.79	-	30.10	0.00	3468.69
MW - 24	11/18/14	3498.79	-	29.84	0.00	3468.95
MW - 24	12/02/14	3498.79	-	30.01	0.00	3468.78
MW - 24	12/09/14	3498.79	-	30.02	0.00	3468.77
MW - 24	12/17/14	3498.79	-	29.97	0.00	3468.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	12/23/14	3498.79	-	30.08	0.00	3468.71
MW - 24	12/30/14	3498.79	-	30.13	0.00	3468.66
MW - 24	01/09/15	3498.79	-	30.08	0.00	3468.71
MW - 24	01/13/15	3498.79	-	30.00	0.00	3468.79
MW - 24	01/21/15	3498.79	-	29.95	0.00	3468.84
MW - 24	01/26/15	3498.79	-	30.00	0.00	3468.79
MW - 24	02/05/15	3498.79	-	30.03	0.00	3468.76
MW - 24	02/16/15	3498.79	-	29.97	0.00	3468.82
MW - 24	02/17/15	3498.79	-	30.00	0.00	3468.79
MW - 24	03/04/15	3498.79	-	29.92	0.00	3468.87
MW - 24	03/10/15	3498.79	-	29.89	0.00	3468.90
MW - 24	03/16/15	3498.79	-	29.86	0.00	3468.93
MW - 24	03/23/15	3498.79	-	29.85	0.00	3468.94
MW - 24	03/31/15	3498.79	-	29.78	0.00	3469.01
MW - 24	04/03/15	3498.79	-	29.30	0.00	3469.49
MW - 24	04/06/15	3498.79	-	29.78	0.00	3469.01
MW - 24	04/16/15	3498.79	-	29.69	0.00	3469.10
MW - 24	04/22/15	3498.79	-	29.63	0.00	3469.16
MW - 24	05/01/15	3498.79	-	29.63	0.00	3469.16
MW - 24	05/11/15	3498.79	-	29.57	0.00	3469.22
MW - 24	05/14/15	3498.79	-	29.49	0.00	3469.30
MW - 24	05/29/15	3498.79	-	29.38	0.00	3469.41
MW - 24	06/04/15	3498.79	-	29.36	0.00	3469.43
MW - 24	06/09/15	3498.79	-	29.37	0.00	3469.42
MW - 24	06/17/15	3498.79	-	29.42	0.00	3469.37
MW - 24	06/23/15	3498.79	-	29.41	0.00	3469.38
MW - 24	06/29/15	3498.79	-	29.40	0.00	3469.39
MW - 24	07/09/15	3498.79	-	29.57	0.00	3469.22
MW - 24	07/15/15	3498.79	-	29.63	0.00	3469.16
MW - 24	07/20/15	3498.79	-	29.72	0.00	3469.07
MW - 24	07/30/15	3498.79	-	29.90	0.00	3468.89
MW - 24	08/03/15	3498.79	-	29.89	0.00	3468.90
MW - 24	08/04/15	3498.79	-	29.92	0.00	3468.87
MW - 24	08/11/15	3498.79	-	30.00	0.00	3468.79
MW - 24	08/18/15	3498.79	-	29.97	0.00	3468.82
MW - 24	08/26/15	3498.79	-	29.92	0.00	3468.87
MW - 24	09/02/15	3498.79	-	29.78	0.00	3469.01
MW - 24	10/22/15	3498.79	-	29.79	0.00	3469.00
MW - 24	11/17/15	3498.79	-	29.52	0.00	3469.27
MW - 24	12/03/15	3498.79	-	29.60	0.00	3469.19
MW - 24	12/09/15	3498.79	-	29.52	0.00	3469.27
MW - 24	01/06/16	3498.79	-	29.49	0.00	3469.30
MW - 24	01/13/16	3498.79	-	29.49	0.00	3469.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	01/15/16	3498.79	-	29.49	0.00	3469.30
MW - 24	01/29/16	3498.79	-	29.43	0.00	3469.36
MW - 24	02/04/16	3498.79	-	29.38	0.00	3469.41
MW - 24	02/10/16	3498.79	-	29.48	0.00	3469.31
MW - 24	03/03/16	3498.79	-	29.47	0.00	3469.32
MW - 24	03/16/16	3498.79	-	29.37	0.00	3469.42
MW - 24	04/12/16	3498.79	-	29.28	0.00	3469.51
MW - 24	04/15/16	3498.79	-	29.23	0.00	3469.56
MW - 24	04/19/16	3498.79	-	29.22	0.00	3469.57
MW - 24	04/29/16	3498.79	-	29.19	0.00	3469.60
MW - 24	05/04/16	3498.79	-	29.18	0.00	3469.61
MW - 24	05/13/16	3498.79	-	29.25	0.00	3469.54
MW - 24	05/18/16	3498.79	-	29.26	0.00	3469.53
MW - 24	05/25/16	3498.79	-	29.26	0.00	3469.53
MW - 24	06/02/16	3498.79	-	29.34	0.00	3469.45
MW - 24	06/06/16	3498.79	-	29.39	0.00	3469.40
MW - 24	06/28/16	3498.79	-	29.71	0.00	3469.08
MW - 24	07/05/16	3498.79	-	29.80	0.00	3468.99
MW - 24	07/14/16	3498.79	-	29.97	0.00	3468.82
MW - 24	07/21/16	3498.79	-	30.05	0.00	3468.74
MW - 24	07/25/16	3498.79	-	30.07	0.00	3468.72
MW - 24	08/01/16	3498.79	-	30.16	0.00	3468.63
MW - 24	08/09/16	3498.79	-	30.27	0.00	3468.52
MW - 24	08/15/16	3498.79	-	30.29	0.00	3468.50
MW - 24	08/18/16	3498.79	-	30.29	0.00	3468.50
MW - 24	08/22/16	3498.79	-	30.32	0.00	3468.47
MW - 24	09/06/16	3498.79	-	28.90	0.00	3469.89
MW - 24	09/12/16	3498.79	-	28.48	0.00	3470.31
MW - 24	09/19/16	3498.79	-	28.56	0.00	3470.23
MW - 24	09/26/16	3498.79	-	28.30	0.00	3470.49
MW - 24	10/17/16	3498.79	-	28.17	0.00	3470.62
MW - 24	10/25/16	3498.79	-	28.22	0.00	3470.57
MW - 24	11/03/16	3498.79	-	28.45	0.00	3470.34
MW - 24	11/08/16	3498.79	-	28.41	0.00	3470.38
MW - 24	11/15/16	3498.79	-	28.33	0.00	3470.46
MW - 24	11/22/16	3498.79	-	28.28	0.00	3470.51
MW - 24	12/05/16	3498.79	-	28.39	0.00	3470.40
MW - 24	12/13/16	3498.79	-	28.43	0.00	3470.36
MW - 24	12/22/16	3498.79	-	28.40	0.00	3470.39
MW - 24	12/27/16	3498.79	-	28.44	0.00	3470.35
MW - 24	01/04/17	3498.79	-	28.36	0.00	3470.43
MW - 24	01/13/17	3498.79	-	28.52	0.00	3470.27
MW - 24	01/17/17	3498.79	-	28.40	0.00	3470.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	01/24/17	3498.79	-	28.31	0.00	3470.48
MW - 24	01/31/17	3498.79	-	28.27	0.00	3470.52
MW - 24	02/07/17	3498.79	-	28.33	0.00	3470.46
MW - 24	02/16/17	3498.79	-	28.26	0.00	3470.53
MW - 24	02/20/17	3498.79	-	28.40	0.00	3470.39
MW - 24	03/01/17	3498.79	-	28.48	0.00	3470.31
MW - 24	03/06/17	3498.79	-	28.37	0.00	3470.42
MW - 24	03/14/17	3498.79	-	28.25	0.00	3470.54
MW - 24	03/24/17	3498.79	-	28.24	0.00	3470.55
MW - 24	04/04/17	3498.79	-	28.12	0.00	3470.67
MW - 24	04/13/17	3498.79	-	28.12	0.00	3470.67
MW - 24	04/19/17	3498.79	-	28.06	0.00	3470.73
MW - 24	05/01/17	3498.79	-	28.12	0.00	3470.67
MW - 24	05/18/17	3498.79	-	28.17	0.00	3470.62
MW - 24	05/23/17	3498.79	-	28.32	0.00	3470.47
MW - 24	06/06/17	3498.79	-	28.45	0.00	3470.34
MW - 24	06/12/17	3498.79	-	28.49	0.00	3470.30
MW - 24	07/03/17	3498.79	-	28.71	0.00	3470.08
MW - 24	07/25/17	3498.79	-	28.93	0.00	3469.86
MW - 24	08/14/17	3498.79	-	28.56	0.00	3470.23
MW - 24	08/21/17	3498.79	-	28.55	0.00	3470.24
MW - 24	09/06/17	3498.79	-	28.09	0.00	3470.70
MW - 24	09/12/17	3498.79	-	28.32	0.00	3470.47
MW - 24	10/04/17	3498.79	-	28.59	0.00	3470.20
MW - 24	10/17/17	3498.79	-	28.21	0.00	3470.58
MW - 24	10/23/17	3498.79	-	28.23	0.00	3470.56
MW - 24	10/30/17	3498.79	-	28.27	0.00	3470.52
MW - 24	11/15/17	3498.79	-	28.33	0.00	3470.46
MW - 24	12/04/17	3498.79	-	28.19	0.00	3470.60
MW - 24	12/22/17	3498.79	-	28.32	0.00	3470.47
MW - 24	12/29/17	3498.79	-	28.34	0.00	3470.45
MW - 24	01/02/18	3498.79	-	28.33	0.00	3470.46
MW - 24	01/17/18	3498.79	-	28.33	0.00	3470.46
MW - 24	01/23/18	3498.79	-	28.34	0.00	3470.45
MW - 24	01/29/18	3498.79	-	28.41	0.00	3470.38
MW - 24	02/05/18	3498.79	-	28.19	0.00	3470.60
MW - 24	02/14/18	3498.79	-	28.29	0.00	3470.50
MW - 24	02/19/18	3498.79	-	28.17	0.00	3470.62
MW - 24	03/28/18	3498.79	-	28.31	0.00	3470.48
MW - 24	04/05/18	3498.79	-	28.27	0.00	3470.52
MW - 24	04/27/18	3498.79	-	28.34	0.00	3470.45
MW - 24	05/16/18	3498.79	-	28.46	0.00	3470.33
MW - 24	06/15/18	3498.79	-	28.79	0.00	3470.00

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	06/19/18	3498.79	-	28.86	0.00	3469.93
MW - 24	06/29/18	3498.79	-	28.99	0.00	3469.80
MW - 24	07/16/18	3498.79	-	29.19	0.00	3469.60
MW - 24	08/15/18	3498.79	-	29.48	0.00	3469.31
MW - 24	09/05/18	3498.79	-	29.62	0.00	3469.17
MW - 24	09/10/18	3498.79	-	29.31	0.00	3469.48
MW - 24	10/08/18	3498.79	-	29.25	0.00	3469.54
MW - 24	11/21/18	3498.79	-	28.89	0.00	3469.90
MW - 24	11/29/18	3498.79	-	28.83	0.00	3469.96
MW - 24	12/07/18	3498.79	-	28.93	0.00	3469.86
MW - 24	12/14/18	3498.79	-	28.94	0.00	3469.85
MW - 24	12/20/18	3498.79	-	28.92	0.00	3469.87
MW - 24	12/24/18	3498.79	-	28.91	0.00	3469.88
MW - 24	12/28/18	3498.79	-	28.91	0.00	3469.88
MW - 24	01/11/19	3498.79	-	28.81	0.00	3469.98
MW - 24	01/23/19	3498.79	-	28.85	0.00	3469.94
MW - 24	01/29/19	3498.79	-	28.89	0.00	3469.90
MW - 24	03/05/19	3498.79	-	28.87	0.00	3469.92
MW - 24	03/27/19	3498.79	-	28.60	0.00	3470.19
MW - 24	03/29/19	3498.79	-	28.56	0.00	3470.23
MW - 24	04/02/19	3498.79	-	28.58	0.00	3470.21
MW - 24	04/18/19	3498.79	-	28.65	0.00	3470.14
MW - 24	04/25/19	3498.79	-	28.55	0.00	3470.24
MW - 24	05/02/19	3498.79	-	28.61	0.00	3470.18
MW - 24	05/14/19	3498.79	-	28.63	0.00	3470.16
MW - 24	05/20/19	3498.79	-	28.58	0.00	3470.21
MW - 24	06/06/19	3498.79	-	28.85	0.00	3469.94
MW - 24	07/17/19	3498.79	-	29.16	0.00	3469.63
MW - 24	09/11/19	3498.79	-	29.58	0.00	3469.21
MW - 24	10/16/19	3498.79	-	29.18	0.00	3469.61
MW - 24	11/12/19	3498.79	-	29.01	0.00	3469.78
MW - 24	12/04/19	3498.79	-	28.87	0.00	3469.92
MW - 24	12/30/19	3498.79	-	28.96	0.00	3469.83
MW - 24	01/14/20	3498.79	-	28.91	0.00	3469.88
MW - 24	02/13/20	3498.79	-	28.84	0.00	3469.95
MW - 24	05/15/20	3498.79	-	28.44	0.00	3470.35
MW - 24	06/25/20	3498.79	-	29.09	0.00	3469.70
MW - 24	07/28/20	3498.79	-	29.44	0.00	3469.35
MW - 24	08/19/20	3498.79	-	29.57	0.00	3469.22
MW - 24	09/11/20	3498.79	-	29.72	0.00	3469.07
MW - 24	10/30/20	3498.79	-	29.91	0.00	3468.88
MW - 24	11/11/20	3498.79	-	29.82	0.00	3468.97
MW - 24	12/30/20	3498.79	-	29.94	0.00	3468.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	01/21/21	3498.79	-	29.88	0.00	3468.91
MW - 24	03/18/21	3498.79	-	29.97	0.00	3468.82
MW - 24	05/28/21	3498.79	-	29.93	0.00	3468.86
MW - 24	07/26/21	3498.79	-	30.00	0.00	3468.79
MW - 24	07/27/21	3498.79	-	30.00	0.00	3468.79
MW - 24	09/29/21	3498.79	-	30.27	0.00	3468.52
MW - 24	10/13/21	3498.79	-	30.21	0.00	3468.58
MW - 24	10/29/21	3498.79	-	30.32	0.00	3468.47
MW - 24	12/02/21	3498.79	-	30.24	0.00	3468.55
MW - 25	06/07/02	3498.08	-	31.38	0.00	3466.70
MW - 25	09/27/02	3498.08	-	31.49	0.00	3466.59
MW - 25	12/04/02	3498.08	-	31.12	0.00	3466.96
MW - 25	02/25/03	3498.08	-	30.84	0.00	3467.24
MW - 25	05/22/03	3498.08	-	31.05	0.00	3467.03
MW - 25	08/26/03	3498.08	-	32.20	0.00	3465.88
MW - 25	11/25/03	3498.08	-	32.28	0.00	3465.80
MW - 25	02/10/04	3498.08	-	32.33	0.00	3465.75
MW - 25	05/10/04	3498.08	-	28.51	0.00	3469.57
MW - 25	08/25/04	3498.08	-	30.37	0.00	3467.71
MW - 25	12/01/04	3498.08	-	29.44	0.00	3468.64
MW - 25	03/10/05	3498.08	-	28.69	0.00	3469.39
MW - 25	06/10/05	3498.08	-	27.47	0.00	3470.61
MW - 25	09/09/05	3498.08	-	28.27	0.00	3469.81
MW - 25	12/05/05	3498.08	-	28.04	0.00	3470.04
MW - 25	03/09/06	3498.08	-	27.87	0.00	3470.21
MW - 25	06/08/06	3498.08	-	28.37	0.00	3469.71
MW - 25	09/15/06	3498.08	-	28.21	0.00	3469.87
MW - 25	11/29/06	3498.08	-	27.90	0.00	3470.18
MW - 25	02/14/07	3498.08	-	27.89	0.00	3470.19
MW - 25	02/26/07	3498.08	-	27.80	0.00	3470.28
MW - 25	05/21/07	3498.08	-	27.34	0.00	3470.74
MW - 25	08/16/07	3498.08	-	28.14	0.00	3469.94
MW - 25	11/07/07	3498.08	-	27.81	0.00	3470.27
MW - 25	02/12/08	3498.08	-	27.81	0.00	3470.27
MW - 25	05/15/08	3498.08	-	27.88	0.00	3470.20
MW - 25	08/18/08	3498.08	-	28.83	0.00	3469.25
MW - 25	09/17/08	3498.08	-	28.73	0.00	3469.35
MW - 25	11/13/08	3498.08	-	28.48	0.00	3469.60
MW - 25	02/11/09	3498.08	-	28.45	0.00	3469.63
MW - 25	02/24/09	3498.08	-	28.40	0.00	3469.68
MW - 25	03/04/09	3498.08	-	28.41	0.00	3469.67
MW - 25	03/17/09	3498.08	-	28.44	0.00	3469.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	03/25/09	3498.08	-	28.41	0.00	3469.67
MW - 25	04/08/09	3498.08	-	28.45	0.00	3469.63
MW - 25	04/15/09	3498.08	-	28.46	0.00	3469.62
MW - 25	04/29/09	3498.08	-	25.46	0.00	3472.62
MW - 25	05/13/09	3498.08	-	28.49	0.00	3469.59
MW - 25	06/10/09	3498.08	-	28.52	0.00	3469.56
MW - 25	06/18/09	3498.08	-	28.52	0.00	3469.56
MW - 25	07/02/09	3498.08	-	29.03	0.00	3469.05
MW - 25	07/08/09	3498.08	-	29.05	0.00	3469.03
MW - 25	07/14/09	3498.08	-	29.11	0.00	3468.97
MW - 25	07/20/09	3498.08	-	29.12	0.00	3468.96
MW - 25	07/27/09	3498.08	-	29.13	0.00	3468.95
MW - 25	08/03/09	3498.08	-	29.12	0.00	3468.96
MW - 25	08/11/09	3498.08	-	29.19	0.00	3468.89
MW - 25	08/24/09	3498.08	-	39.37	0.00	3458.71
MW - 25	08/31/09	3498.08	-	39.34	0.00	3458.74
MW - 25	09/08/09	3498.08	-	29.31	0.00	3468.77
MW - 25	09/22/09	3498.08	-	29.38	0.00	3468.70
MW - 25	09/29/09	3498.08	-	29.15	0.00	3468.93
MW - 25	10/07/09	3498.08	-	29.48	0.00	3468.60
MW - 25	10/12/09	3498.08	-	29.06	0.00	3469.02
MW - 25	10/16/09	3498.08	-	29.38	0.00	3468.70
MW - 25	10/26/09	3498.08	-	29.07	0.00	3469.01
MW - 25	11/12/09	3498.08	-	29.55	0.00	3468.53
MW - 25	11/23/09	3498.08	-	29.57	0.00	3468.51
MW - 25	12/28/09	3498.08	-	29.10	0.00	3468.98
MW - 25	01/05/10	3498.08	-	29.63	0.00	3468.45
MW - 25	01/20/10	3498.08	-	29.12	0.00	3468.96
MW - 25	01/25/10	3498.08	-	29.12	0.00	3468.96
MW - 25	02/10/10	3498.08	-	29.61	0.00	3468.47
MW - 25	03/01/10	3498.08	-	29.10	0.00	3468.98
MW - 25	05/25/10	3498.08	-	29.53	0.00	3468.55
MW - 25	06/07/10	3498.08	-	29.41	0.00	3468.67
MW - 25	06/12/10	3498.08	-	29.45	0.00	3468.63
MW - 25	06/25/10	3498.08	-	29.51	0.00	3468.57
MW - 25	07/07/10	3498.08	-	29.49	0.00	3468.59
MW - 25	07/12/10	3498.08	-	29.11	0.00	3468.97
MW - 25	08/03/10	3498.08	-	28.88	0.00	3469.20
MW - 25	08/13/10	3498.08	-	28.82	0.00	3469.26
MW - 25	08/19/10	3498.08	-	28.82	0.00	3469.26
MW - 25	08/25/10	3498.08	-	28.87	0.00	3469.21
MW - 25	09/01/10	3498.08	-	28.81	0.00	3469.27
MW - 25	09/09/10	3498.08	-	28.86	0.00	3469.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	09/29/10	3498.08	-	28.90	0.00	3469.18
MW - 25	11/03/10	3498.08	-	28.78	0.00	3469.30
MW - 25	11/10/10	3498.08	-	28.99	0.00	3469.09
MW - 25	11/18/10	3498.08	-	29.58	0.00	3468.50
MW - 25	12/09/10	3498.08	-	28.76	0.00	3469.32
MW - 25	02/22/11	3498.08	-	29.59	0.00	3468.49
MW - 25	03/01/11	3498.08	sheen	29.15	0.00	3468.93
MW - 25	03/07/11	3498.08	sheen	29.05	0.00	3469.03
MW - 25	04/27/11	3498.08	-	29.27	0.00	3468.81
MW - 25	05/05/11	3498.08	sheen	29.32	0.00	3468.76
MW - 25	05/10/11	3498.08	-	29.30	0.00	3468.78
MW - 25	05/17/11	3498.08	-	29.62	0.00	3468.46
MW - 25	05/17/11	3498.08	-	29.62	0.00	3468.46
MW - 25	05/24/11	3498.08	-	29.61	0.00	3468.47
MW - 25	06/07/11	3498.08	-	29.47	0.00	3468.61
MW - 25	06/14/11	3498.08	-	29.58	0.00	3468.50
MW - 25	06/23/11	3498.08	-	29.56	0.00	3468.52
MW - 25	06/28/11	3498.08	-	29.64	0.00	3468.44
MW - 25	07/06/11	3498.08	sheen	29.94	0.00	3468.14
MW - 25	07/14/11	3498.08	sheen	29.95	0.00	3468.13
MW - 25	07/27/11	3498.08	-	29.92	0.00	3468.16
MW - 25	08/03/11	3498.08	-	30.12	0.00	3467.96
MW - 25	08/11/11	3498.08	-	30.28	0.00	3467.80
MW - 25	08/18/11	3498.08	-	30.27	0.00	3467.81
MW - 25	08/25/11	3498.08	-	30.32	0.00	3467.76
MW - 25	09/02/11	3498.08	-	30.43	0.00	3467.65
MW - 25	09/09/11	3498.08	-	30.40	0.00	3467.68
MW - 25	11/08/11	3498.08	-	30.37	0.00	3467.71
MW - 25	12/28/11	3498.08	-	30.29	0.00	3467.79
MW - 25	01/05/12	3498.08	-	30.31	0.00	3467.77
MW - 25	01/18/12	3498.08	-	30.29	0.00	3467.79
MW - 25	01/27/12	3498.08	-	30.25	0.00	3467.83
MW - 25	02/02/12	3498.08	-	30.18	0.00	3467.90
MW - 25	02/10/12	3498.08	-	30.27	0.00	3467.81
MW - 25	02/15/12	3498.08	-	30.21	0.00	3467.87
MW - 25	03/01/12	3498.08	-	30.11	0.00	3467.97
MW - 25	03/07/12	3498.08	-	30.11	0.00	3467.97
MW - 25	03/14/12	3498.08	-	30.13	0.00	3467.95
MW - 25	03/19/12	3498.08	-	30.09	0.00	3467.99
MW - 25	03/26/12	3498.08	-	30.08	0.00	3468.00
MW - 25	04/04/12	3498.08	-	30.12	0.00	3467.96
MW - 25	04/11/12	3498.08	-	30.08	0.00	3468.00
MW - 25	04/17/12	3498.08	-	30.11	0.00	3467.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	04/25/12	3498.08	-	30.05	0.00	3468.03
MW - 25	05/23/12	3498.08	-	30.10	0.00	3467.98
MW - 25	05/31/12	3498.08	-	30.14	0.00	3467.94
MW - 25	06/06/12	3498.08	-	30.19	0.00	3467.89
MW - 25	06/13/12	3498.08	-	30.27	0.00	3467.81
MW - 25	06/20/12	3498.08	-	30.19	0.00	3467.89
MW - 25	07/11/12	3498.08	-	30.34	0.00	3467.74
MW - 25	07/18/12	3498.08	-	30.42	0.00	3467.66
MW - 25	08/02/12	3498.08	-	30.54	0.00	3467.54
MW - 25	08/09/12	3498.08	-	30.61	0.00	3467.47
MW - 25	08/16/12	3498.08	-	30.31	0.00	3467.77
MW - 25	10/02/12	3498.08	-	30.88	0.00	3467.20
MW - 25	10/10/12	3498.08	-	30.81	0.00	3467.27
MW - 25	10/17/12	3498.08	-	30.67	0.00	3467.41
MW - 25	10/26/12	3498.08	-	30.79	0.00	3467.29
MW - 25	11/01/12	3498.08	-	30.66	0.00	3467.42
MW - 25	11/19/12	3498.08	-	30.66	0.00	3467.42
MW - 25	12/13/12	3498.08	-	30.57	0.00	3467.51
MW - 25	12/18/12	3498.08	-	30.55	0.00	3467.53
MW - 25	01/08/13	3498.08	-	30.55	0.00	3467.53
MW - 25	01/16/13	3498.08	-	30.59	0.00	3467.49
MW - 25	01/24/13	3498.08	-	30.59	0.00	3467.49
MW - 25	01/30/13	3498.08	-	30.57	0.00	3467.51
MW - 25	02/12/13	3498.08	-	30.49	0.00	3467.59
MW - 25	05/15/13	3498.08	-	35.54	0.00	3462.54
MW - 25	12/19/13	3498.08	-	35.81	0.00	3462.27
MW - 25	02/10/14	3498.08	-	32.37	0.00	3465.71
MW - 25	05/22/14	3498.08	-	32.53	0.00	3465.55
MW - 25	06/25/14	3498.08	-	32.93	0.00	3465.15
MW - 25	06/30/14	3498.08	-	32.97	0.00	3465.11
MW - 25	07/11/14	3498.08	-	33.05	0.00	3465.03
MW - 25	07/14/14	3498.08	-	33.08	0.00	3465.00
MW - 25	07/22/14	3498.08	-	33.17	0.00	3464.91
MW - 25	07/23/14	3498.08	-	33.17	0.00	3464.91
MW - 25	08/05/14	3498.08	-	33.21	0.00	3464.87
MW - 25	08/12/14	3498.08	-	33.32	0.00	3464.76
MW - 25	08/13/14	3498.08	-	33.32	0.00	3464.76
MW - 25	08/27/14	3498.08	-	33.40	0.00	3464.68
MW - 25	09/17/14	3498.08	-	32.77	0.00	3465.31
MW - 25	09/23/14	3498.08	-	32.50	0.00	3465.58
MW - 25	10/10/14	3498.08	-	31.90	0.00	3466.18
MW - 25	10/15/14	3498.08	-	31.84	0.00	3466.24
MW - 25	10/20/14	3498.08	-	31.80	0.00	3466.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	10/27/14	3498.08	-	31.71	0.00	3466.37
MW - 25	11/04/14	3498.08	-	31.75	0.00	3466.33
MW - 25	11/06/14	3498.08	-	31.73	0.00	3466.35
MW - 25	11/11/14	3498.08	-	31.68	0.00	3466.40
MW - 25	11/18/14	3498.08	-	31.59	0.00	3466.49
MW - 25	12/02/14	3498.08	-	31.50	0.00	3466.58
MW - 25	12/09/14	3498.08	-	31.47	0.00	3466.61
MW - 25	12/23/14	3498.08	-	31.51	0.00	3466.57
MW - 25	12/30/14	3498.08	-	31.52	0.00	3466.56
MW - 25	01/06/15	3498.08	-	31.46	0.00	3466.62
MW - 25	01/09/15	3498.08	-	31.47	0.00	3466.61
MW - 25	01/13/15	3498.08	-	31.40	0.00	3466.68
MW - 25	01/21/15	3498.08	-	31.34	0.00	3466.74
MW - 25	01/26/15	3498.08	-	31.38	0.00	3466.70
MW - 25	02/05/15	3498.08	-	31.41	0.00	3466.67
MW - 25	02/16/15	3498.08	-	31.34	0.00	3466.74
MW - 25	02/17/15	3498.08	-	31.37	0.00	3466.71
MW - 25	03/04/15	3498.08	-	31.28	0.00	3466.80
MW - 25	03/10/15	3498.08	-	31.26	0.00	3466.82
MW - 25	03/16/15	3498.08	-	31.22	0.00	3466.86
MW - 25	03/23/15	3498.08	-	31.13	0.00	3466.95
MW - 25	03/31/15	3498.08	-	31.14	0.00	3466.94
MW - 25	04/03/15	3498.08	-	31.21	0.00	3466.87
MW - 25	04/06/15	3498.08	-	31.13	0.00	3466.95
MW - 25	04/16/15	3498.08	-	31.02	0.00	3467.06
MW - 25	04/22/15	3498.08	-	30.95	0.00	3467.13
MW - 25	05/01/15	3498.08	-	-	0.00	Dry
MW - 25	05/11/15	3498.08	-	30.94	0.00	3467.14
MW - 25	05/14/15	3498.08	-	30.85	0.00	3467.23
MW - 25	05/29/15	3498.08	-	-	0.00	Dry
MW - 25	06/04/15	3498.08	-	30.79	0.00	3467.29
MW - 25	06/09/15	3498.08	-	30.81	0.00	3467.27
MW - 25	06/17/15	3498.08	-	30.83	0.00	3467.25
MW - 25	06/23/15	3498.08	-	30.86	0.00	3467.22
MW - 25	06/29/15	3498.08	-	30.88	0.00	3467.20
MW - 25	07/09/15	3498.08	-	31.01	0.00	3467.07
MW - 25	07/15/15	3498.08	-	31.08	0.00	3467.00
MW - 25	07/20/15	3498.08	-	31.13	0.00	3466.95
MW - 25	07/30/15	3498.08	-	31.32	0.00	3466.76
MW - 25	08/03/15	3498.08	-	31.30	0.00	3466.78
MW - 25	08/04/15	3498.08	-	31.32	0.00	3466.76
MW - 25	08/11/15	3498.08	-	31.41	0.00	3466.67
MW - 25	08/18/15	3498.08	-	31.38	0.00	3466.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	08/26/15	3498.08	-	31.34	0.00	3466.74
MW - 25	09/02/15	3498.08	-	31.25	0.00	3466.83
MW - 25	10/22/15	3498.08	-	31.18	0.00	3466.90
MW - 25	11/17/15	3498.08	-	30.90	0.00	3467.18
MW - 25	12/03/15	3498.08	-	30.96	0.00	3467.12
MW - 25	12/09/15	3498.08	-	30.88	0.00	3467.20
MW - 25	01/06/16	3498.08	-	30.84	0.00	3467.24
MW - 25	01/13/16	3498.08	-	30.84	0.00	3467.24
MW - 25	01/15/16	3498.08	-	30.84	0.00	3467.24
MW - 25	01/29/16	3498.08	-	30.76	0.00	3467.32
MW - 25	02/04/16	3498.08	-	30.71	0.00	3467.37
MW - 25	02/10/16	3498.08	-	30.81	0.00	3467.27
MW - 25	02/22/16	3498.08	-	30.89	0.00	3467.19
MW - 25	03/16/16	3498.08	-	30.70	0.00	3467.38
MW - 25	04/12/16	3498.08	-	30.59	0.00	3467.49
MW - 25	04/15/16	3498.08	-	30.56	0.00	3467.52
MW - 25	04/19/16	3498.08	-	30.54	0.00	3467.54
MW - 25	04/29/16	3498.08	-	30.54	0.00	3467.54
MW - 25	05/04/16	3498.08	-	30.51	0.00	3467.57
MW - 25	05/13/16	3498.08	-	30.60	0.00	3467.48
MW - 25	05/18/16	3498.08	-	30.62	0.00	3467.46
MW - 25	05/25/16	3498.08	-	30.64	0.00	3467.44
MW - 25	06/02/16	3498.08	-	30.73	0.00	3467.35
MW - 25	06/06/16	3498.08	-	30.78	0.00	3467.30
MW - 25	06/28/16	3498.08	-	31.12	0.00	3466.96
MW - 25	07/05/16	3498.08	-	31.21	0.00	3466.87
MW - 25	07/14/16	3498.08	-	31.35	0.00	3466.73
MW - 25	07/21/16	3498.08	-	31.49	0.00	3466.59
MW - 25	07/25/16	3498.08	-	31.51	0.00	3466.57
MW - 25	08/01/16	3498.08	-	31.59	0.00	3466.49
MW - 25	08/09/16	3498.08	-	31.67	0.00	3466.41
MW - 25	08/15/16	3498.08	-	31.58	0.00	3466.50
MW - 25	08/18/16	3498.08	-	31.67	0.00	3466.41
MW - 25	08/22/16	3498.08	-	31.70	0.00	3466.38
MW - 25	08/25/16	3498.08	-	31.64	0.00	3466.44
MW - 25	09/06/16	3498.08	-	30.96	0.00	3467.12
MW - 25	09/12/16	3498.08	-	30.54	0.00	3467.54
MW - 25	09/19/16	3498.08	-	30.47	0.00	3467.61
MW - 25	09/26/16	3498.08	-	30.28	0.00	3467.80
MW - 25	10/17/16	3498.08	-	29.90	0.00	3468.18
MW - 25	10/25/16	3498.08	-	29.87	0.00	3468.21
MW - 25	11/03/16	3498.08	-	29.95	0.00	3468.13
MW - 25	11/08/16	3498.08	-	29.90	0.00	3468.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	11/15/16	3498.08	-	29.84	0.00	3468.24
MW - 25	11/22/16	3498.08	-	29.82	0.00	3468.26
MW - 25	12/05/16	3498.08	-	29.82	0.00	3468.26
MW - 25	12/13/16	3498.08	-	29.83	0.00	3468.25
MW - 25	12/22/16	3498.08	-	29.80	0.00	3468.28
MW - 25	12/27/16	3498.08	-	29.82	0.00	3468.26
MW - 25	01/04/17	3498.08	-	29.74	0.00	3468.34
MW - 25	01/13/17	3498.08	-	29.86	0.00	3468.22
MW - 25	01/17/17	3498.08	-	29.76	0.00	3468.32
MW - 25	01/24/17	3498.08	-	29.70	0.00	3468.38
MW - 25	01/31/17	3498.08	-	29.70	0.00	3468.38
MW - 25	02/07/17	3498.08	-	29.71	0.00	3468.37
MW - 25	02/16/17	3498.08	-	29.66	0.00	3468.42
MW - 25	02/20/17	3498.08	-	29.74	0.00	3468.34
MW - 25	03/01/17	3498.08	-	29.95	0.00	3468.13
MW - 25	03/06/17	3498.08	-	29.78	0.00	3468.30
MW - 25	03/14/17	3498.08	-	29.61	0.00	3468.47
MW - 25	03/24/17	3498.08	-	29.60	0.00	3468.48
MW - 25	04/04/17	3498.08	-	29.48	0.00	3468.60
MW - 25	04/19/17	3498.08	-	29.41	0.00	3468.67
MW - 25	05/01/17	3498.08	-	29.44	0.00	3468.64
MW - 25	05/18/17	3498.08	-	29.51	0.00	3468.57
MW - 25	05/23/17	3498.08	-	29.64	0.00	3468.44
MW - 25	06/06/17	3498.08	-	29.78	0.00	3468.30
MW - 25	06/12/17	3498.08	-	29.81	0.00	3468.27
MW - 25	07/03/17	3498.08	-	30.05	0.00	3468.03
MW - 25	07/25/17	3498.08	-	30.22	0.00	3467.86
MW - 25	08/14/17	3498.08	-	29.99	0.00	3468.09
MW - 25	08/21/17	3498.08	-	29.98	0.00	3468.10
MW - 25	09/06/17	3498.08	-	29.81	0.00	3468.27
MW - 25	09/12/17	3498.08	-	29.89	0.00	3468.19
MW - 25	10/04/17	3498.08	-	29.92	0.00	3468.16
MW - 25	10/17/17	3498.08	-	29.67	0.00	3468.41
MW - 25	10/23/17	3498.08	-	29.64	0.00	3468.44
MW - 25	10/30/17	3498.08	-	30.64	0.00	3467.44
MW - 25	11/15/17	3498.08	-	29.67	0.00	3468.41
MW - 25	12/04/17	3498.08	-	29.56	0.00	3468.52
MW - 25	12/22/17	3498.08	-	29.64	0.00	3468.44
MW - 25	12/29/17	3498.08	-	29.68	0.00	3468.40
MW - 25	01/02/18	3498.08	-	29.66	0.00	3468.42
MW - 25	01/17/18	3498.08	-	29.66	0.00	3468.42
MW - 25	01/23/18	3498.08	-	29.64	0.00	3468.44
MW - 25	01/29/18	3498.08	-	29.72	0.00	3468.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	02/05/18	3498.08	-	29.55	0.00	3468.53
MW - 25	02/14/18	3498.08	-	29.61	0.00	3468.47
MW - 25	02/19/18	3498.08	-	29.53	0.00	3468.55
MW - 25	03/28/18	3498.08	-	29.61	0.00	3468.47
MW - 25	04/05/18	3498.08	-	29.58	0.00	3468.50
MW - 25	04/27/18	3498.08	-	29.67	0.00	3468.41
MW - 25	05/16/18	3498.08	-	29.88	0.00	3468.20
MW - 25	06/15/18	3498.08	-	30.14	0.00	3467.94
MW - 25	06/19/18	3498.08	-	30.19	0.00	3467.89
MW - 25	06/29/18	3498.08	-	30.31	0.00	3467.77
MW - 25	07/16/18	3498.08	-	31.51	0.00	3466.57
MW - 25	08/14/18	3498.08	-	30.78	0.00	3467.30
MW - 25	09/05/18	3498.08	-	30.97	0.00	3467.11
MW - 25	09/10/18	3498.08	-	30.79	0.00	3467.29
MW - 25	10/08/18	3498.08	-	30.67	0.00	3467.41
MW - 25	11/29/18	3498.08	-	30.25	0.00	3467.83
MW - 25	12/14/18	3498.08	-	30.30	0.00	3467.78
MW - 25	03/04/19	3498.08	-	30.13	0.00	3467.95
MW - 25	01/29/19	3498.08	-	30.22	0.00	3467.86
MW - 25	03/27/19	3498.08	-	30.00	0.00	3468.08
MW - 25	03/29/19	3498.08	-	29.98	0.00	3468.10
MW - 25	04/02/19	3498.08	-	29.96	0.00	3468.12
MW - 25	04/18/19	3498.08	-	29.96	0.00	3468.12
MW - 25	04/25/19	3498.08	-	29.89	0.00	3468.19
MW - 25	05/02/19	3498.08	-	29.92	0.00	3468.16
MW - 25	05/14/19	3498.08	-	29.94	0.00	3468.14
MW - 25	05/20/19	3498.08	-	29.92	0.00	3468.16
MW - 25	06/06/19	3498.08	-	30.17	0.00	3467.91
MW - 25	07/17/19	3498.08	-	30.54	0.00	3467.54
MW - 25	09/11/19	3498.08	-	30.99	0.00	3467.09
MW - 25	10/16/19	3498.08	-	30.65	0.00	3467.43
MW - 25	12/04/19	3498.08	-	30.33	0.00	3467.75
MW - 25	12/25/19	3498.08	-	30.27	0.00	3467.81
MW - 25	12/30/19	3498.08	-	30.27	0.00	3467.81
MW - 25	01/14/20	3498.08	-	30.26	0.00	3467.82
MW - 25	02/13/20	3498.08	-	30.19	0.00	3467.89
MW - 25	05/15/20	3498.08	-	29.78	0.00	3468.30
MW - 25	06/25/20	3498.08	-	30.41	0.00	3467.67
MW - 25	07/28/20	3498.08	-	30.78	0.00	3467.30
MW - 25	08/19/20	3498.08	-	30.90	0.00	3467.18
MW - 25	09/11/20	3498.08	-	31.07	0.00	3467.01
MW - 25	10/30/20	3498.08	-	31.25	0.00	3466.83
MW - 25	11/11/20	3498.08	-	31.15	0.00	3466.93

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	12/30/20	3498.08	-	31.29	0.00	3466.79
MW - 25	01/21/21	3498.08	-	31.22	0.00	3466.86
MW - 25	03/18/21	3498.08	-	31.30	0.00	3466.78
MW - 25	05/28/21	3498.08	-	31.25	0.00	3466.83
MW - 25	07/26/21	3498.08	-	31.34	0.00	3466.74
MW - 25	07/27/21	3498.08	-	31.34	0.00	3466.74
MW - 25	09/29/21	3498.08	-	31.62	0.00	3466.46
MW - 25	10/13/21	3498.08	-	31.60	0.00	3466.48
MW - 25	12/01/21	3498.08	-	31.56	0.00	3466.52
MW - 26	06/07/02	3499.18	-	32.04	0.00	3467.14
MW - 26	09/27/02	3499.18	-	32.16	0.00	3467.02
MW - 26	12/04/02	3499.18	-	31.77	0.00	3467.41
MW - 26	02/25/03	3499.18	-	31.50	0.00	3467.68
MW - 26	05/22/03	3499.18	-	31.68	0.00	3467.50
MW - 26	08/26/03	3499.18	-	26.89	0.00	3472.29
MW - 26	11/25/03	3499.18	-	32.97	0.00	3466.21
MW - 26	11/25/03	3499.18	-	32.97	0.00	3466.21
MW - 26	05/10/04	3499.18	-	31.10	0.00	3468.08
MW - 26	08/25/04	3499.18	-	31.10	0.00	3468.08
MW - 26	12/01/04	3499.18	-	30.05	0.00	3469.13
MW - 26	03/10/05	3499.18	-	29.33	0.00	3469.85
MW - 26	06/10/05	3499.18	-	28.41	0.00	3470.77
MW - 26	09/09/05	3499.18	-	28.93	0.00	3470.25
MW - 26	12/05/05	3499.18	-	28.69	0.00	3470.49
MW - 26	03/09/06	3499.18	-	28.53	0.00	3470.65
MW - 26	06/08/06	3499.18	-	29.04	0.00	3470.14
MW - 26	09/15/06	3499.18	-	28.85	0.00	3470.33
MW - 26	11/29/06	3499.18	-	28.55	0.00	3470.63
MW - 26	02/14/07	3499.18	-	28.56	0.00	3470.62
MW - 26	02/26/07	3499.18	-	28.53	0.00	3470.65
MW - 26	05/21/07	3499.18	-	27.88	0.00	3471.30
MW - 26	08/16/07	3499.18	-	28.81	0.00	3470.37
MW - 26	11/07/07	3499.18	-	28.47	0.00	3470.71
MW - 26	02/12/08	3499.18	-	29.19	0.00	3469.99
MW - 26	05/15/08	3499.18	-	28.58	0.00	3470.60
MW - 26	08/18/08	3499.18	-	29.57	0.00	3469.61
MW - 26	11/13/08	3499.18	-	29.10	0.00	3470.08
MW - 26	02/11/09	3499.18	-	29.13	0.00	3470.05
MW - 26	02/24/09	3499.18	-	29.07	0.00	3470.11
MW - 26	03/04/09	3499.18	-	29.08	0.00	3470.10
MW - 26	03/17/09	3499.18	-	29.09	0.00	3470.09
MW - 26	03/25/09	3499.18	-	29.06	0.00	3470.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	04/08/09	3499.18	-	29.08	0.00	3470.10
MW - 26	04/15/09	3499.18	-	29.10	0.00	3470.08
MW - 26	04/29/09	3499.18	-	29.13	0.00	3470.05
MW - 26	05/13/09	3499.18	-	29.14	0.00	3470.04
MW - 26	06/10/09	3499.18	-	29.16	0.00	3470.02
MW - 26	06/18/09	3499.18	-	29.16	0.00	3470.02
MW - 26	07/02/09	3499.18	-	29.74	0.00	3469.44
MW - 26	07/08/09	3499.18	-	29.72	0.00	3469.46
MW - 26	07/14/09	3499.18	-	29.77	0.00	3469.41
MW - 26	07/20/09	3499.18	-	29.79	0.00	3469.39
MW - 26	07/27/09	3499.18	-	29.80	0.00	3469.38
MW - 26	08/03/09	3499.18	-	29.79	0.00	3469.39
MW - 26	08/11/09	3499.18	-	29.90	0.00	3469.28
MW - 26	09/29/09	3499.18	-	29.82	0.00	3469.36
MW - 26	10/12/09	3499.18	-	29.73	0.00	3469.45
MW - 26	10/26/09	3499.18	-	29.72	0.00	3469.46
MW - 26	11/12/09	3499.18	-	30.21	0.00	3468.97
MW - 26	11/23/09	3499.18	-	30.23	0.00	3468.95
MW - 26	12/28/09	3499.18	-	29.74	0.00	3469.44
MW - 26	01/05/10	3499.18	-	30.18	0.00	3469.00
MW - 26	01/20/10	3499.18	-	29.70	0.00	3469.48
MW - 26	01/25/10	3499.18	-	29.69	0.00	3469.49
MW - 26	02/10/10	3499.18	-	30.27	0.00	3468.91
MW - 26	03/01/10	3499.18	-	29.67	0.00	3469.51
MW - 26	05/25/10	3499.18	-	30.19	0.00	3468.99
MW - 26	06/07/10	3499.18	-	30.06	0.00	3469.12
MW - 26	06/12/10	3499.18	-	30.11	0.00	3469.07
MW - 26	06/25/10	3499.18	-	30.15	0.00	3469.03
MW - 26	07/07/10	3499.18	-	30.02	0.00	3469.16
MW - 26	07/12/10	3499.18	-	29.66	0.00	3469.52
MW - 26	08/03/10	3499.18	-	29.47	0.00	3469.71
MW - 26	08/13/10	3499.18	-	29.44	0.00	3469.74
MW - 26	08/19/10	3499.18	-	29.44	0.00	3469.74
MW - 26	08/25/10	3499.18	-	29.50	0.00	3469.68
MW - 26	09/01/10	3499.18	-	29.43	0.00	3469.75
MW - 26	09/09/10	3499.18	-	29.49	0.00	3469.69
MW - 26	09/29/10	3499.18	-	29.49	0.00	3469.69
MW - 26	11/03/10	3499.18	-	29.41	0.00	3469.77
MW - 26	11/10/10	3499.18	-	29.64	0.00	3469.54
MW - 26	11/18/10	3499.18	-	30.25	0.00	3468.93
MW - 26	12/09/10	3499.18	-	29.44	0.00	3469.74
MW - 26	02/22/11	3499.18	-	30.26	0.00	3468.92
MW - 26	03/01/11	3499.18	sheen	29.83	0.00	3469.35

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	03/07/11	3499.18	sheen	29.68	0.00	3469.50
MW - 26	04/27/11	3499.18	-	29.92	0.00	3469.26
MW - 26	05/17/11	3499.18	-	30.24	0.00	3468.94
MW - 26	07/06/11	3499.18	sheen	30.58	0.00	3468.60
MW - 26	08/11/11	3499.18	-	30.90	0.00	3468.28
MW - 26	11/08/11	3499.18	-	31.05	0.00	3468.13
MW - 26	03/01/12	3499.18	-	30.80	0.00	3468.38
MW - 26	05/23/12	3499.18	-	30.76	0.00	3468.42
MW - 26	08/09/12	3499.18	-	31.22	0.00	3467.96
MW - 26	11/19/12	3499.18	-	31.30	0.00	3467.88
MW - 26	02/12/13	3499.18	-	31.15	0.00	3468.03
MW - 26	05/15/13	3499.18	-	31.09	0.00	3468.09
MW - 26	08/07/13	3499.18	-	31.68	0.00	3467.50
MW - 26	11/27/13	3499.18	-	31.80	0.00	3467.38
MW - 26	02/10/14	3499.18	-	31.61	0.00	3467.57
MW - 26	05/22/14	3499.18	-	31.75	0.00	3467.43
MW - 26	07/22/14	3499.18	-	32.37	0.00	3466.81
MW - 26	08/13/14	3499.18	-	30.54	0.00	3468.64
MW - 26	08/27/14	3499.18	-	33.40	0.00	3465.78
MW - 26	10/27/14	3499.18	-	30.82	0.00	3468.36
MW - 26	11/05/14	3499.18	-	30.86	0.00	3468.32
MW - 26	01/09/15	3499.18	-	30.67	0.00	3468.51
MW - 26	02/17/15	3499.18	-	30.59	0.00	3468.59
MW - 26	03/31/15	3499.18	-	30.37	0.00	3468.81
MW - 26	05/14/15	3499.18	-	30.12	0.00	3469.06
MW - 26	07/09/15	3499.18	-	30.20	0.00	3468.98
MW - 26	08/04/15	3499.18	-	30.54	0.00	3468.64
MW - 26	11/16/15	3499.18	-	30.15	0.00	3469.03
MW - 26	01/15/16	3499.18	-	30.12	0.00	3469.06
MW - 26	02/10/16	3499.18	-	30.11	0.00	3469.07
MW - 26	03/03/16	3499.18	-	30.08	0.00	3469.10
MW - 26	04/12/16	3499.18	-	29.92	0.00	3469.26
MW - 26	04/15/16	3499.18	-	29.85	0.00	3469.33
MW - 26	04/19/16	3499.18	-	29.80	0.00	3469.38
MW - 26	04/29/16	3499.18	-	29.79	0.00	3469.39
MW - 26	05/13/16	3499.18	-	29.86	0.00	3469.32
MW - 26	05/18/16	3499.18	-	29.87	0.00	3469.31
MW - 26	05/25/16	3499.18	-	29.89	0.00	3469.29
MW - 26	06/28/16	3499.18	-	30.34	0.00	3468.84
MW - 26	07/21/16	3499.18	-	30.69	0.00	3468.49
MW - 26	08/15/16	3499.18	-	30.91	0.00	3468.27
MW - 26	08/18/16	3499.18	-	30.87	0.00	3468.31
MW - 26	09/06/16	3499.18	-	29.97	0.00	3469.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	09/12/16	3499.18	-	29.56	0.00	3469.62
MW - 26	09/19/16	3499.18	-	29.42	0.00	3469.76
MW - 26	09/26/16	3499.18	-	29.16	0.00	3470.02
MW - 26	10/17/16	3499.18	-	28.99	0.00	3470.19
MW - 26	10/25/16	3499.18	-	29.00	0.00	3470.18
MW - 26	11/03/16	3499.18	-	29.16	0.00	3470.02
MW - 26	11/08/16	3499.18	-	29.12	0.00	3470.06
MW - 26	11/15/16	3499.18	-	29.05	0.00	3470.13
MW - 26	11/22/16	3499.18	-	29.04	0.00	3470.14
MW - 26	12/05/16	3499.18	-	29.09	0.00	3470.09
MW - 26	12/13/16	3499.18	-	29.09	0.00	3470.09
MW - 26	12/22/16	3499.18	-	29.04	0.00	3470.14
MW - 26	12/27/16	3499.18	-	29.07	0.00	3470.11
MW - 26	01/04/17	3499.18	-	28.99	0.00	3470.19
MW - 26	01/13/17	3499.18	-	29.14	0.00	3470.04
MW - 26	01/17/17	3499.18	-	29.04	0.00	3470.14
MW - 26	01/24/17	3499.18	-	28.96	0.00	3470.22
MW - 26	01/31/17	3499.18	-	28.99	0.00	3470.19
MW - 26	02/07/17	3499.18	-	28.95	0.00	3470.23
MW - 26	02/16/17	3499.18	-	28.90	0.00	3470.28
MW - 26	02/20/17	3499.18	-	29.03	0.00	3470.15
MW - 26	03/01/17	3499.18	-	29.07	0.00	3470.11
MW - 26	03/06/17	3499.18	-	28.87	0.00	3470.31
MW - 26	03/14/17	3499.18	-	28.88	0.00	3470.30
MW - 26	03/24/17	3499.18	-	28.86	0.00	3470.32
MW - 26	04/04/17	3499.18	-	28.74	0.00	3470.44
MW - 26	04/19/17	3499.18	-	28.66	0.00	3470.52
MW - 26	05/01/17	3499.18	-	28.73	0.00	3470.45
MW - 26	05/18/17	3499.18	-	28.78	0.00	3470.40
MW - 26	05/23/17	3499.18	-	28.93	0.00	3470.25
MW - 26	06/06/17	3499.18	-	29.06	0.00	3470.12
MW - 26	06/12/17	3499.18	-	29.09	0.00	3470.09
MW - 26	07/03/17	3499.18	-	29.32	0.00	3469.86
MW - 26	07/25/17	3499.18	-	29.54	0.00	3469.64
MW - 26	08/14/17	3499.18	-	29.19	0.00	3469.99
MW - 26	08/21/17	3499.18	-	29.18	0.00	3470.00
MW - 26	09/06/17	3499.18	-	28.73	0.00	3470.45
MW - 26	09/12/17	3499.18	-	28.96	0.00	3470.22
MW - 26	10/04/17	3499.18	-	28.82	0.00	3470.36
MW - 26	10/17/17	3499.18	-	28.85	0.00	3470.33
MW - 26	10/23/17	3499.18	-	28.86	0.00	3470.32
MW - 26	10/30/17	3499.18	-	28.91	0.00	3470.27
MW - 26	11/15/17	3499.18	-	28.96	0.00	3470.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	12/04/17	3499.18	-	28.81	0.00	3470.37
MW - 26	12/22/17	3499.18	-	28.94	0.00	3470.24
MW - 26	12/26/17	3499.18	-	29.02	0.00	3470.16
MW - 26	01/02/18	3499.18	-	28.99	0.00	3470.19
MW - 26	01/17/18	3499.18	-	28.99	0.00	3470.19
MW - 26	01/23/18	3499.18	-	28.98	0.00	3470.20
MW - 26	01/29/18	3499.18	-	29.07	0.00	3470.11
MW - 26	02/05/18	3499.18	-	28.80	0.00	3470.38
MW - 26	02/14/18	3499.18	-	28.94	0.00	3470.24
MW - 26	02/19/18	3499.18	-	25.84	0.00	3473.34
MW - 26	03/28/18	3499.18	-	28.02	0.00	3471.16
MW - 26	04/05/18	3499.18	-	28.96	0.00	3470.22
MW - 26	04/27/18	3499.18	-	29.10	0.00	3470.08
MW - 26	05/16/18	3499.18	-	29.15	0.00	3470.03
MW - 26	06/15/18	3499.18	-	29.46	0.00	3469.72
MW - 26	06/19/18	3499.18	-	29.50	0.00	3469.68
MW - 26	06/29/18	3499.18	-	29.62	0.00	3469.56
MW - 26	07/16/18	3499.18	-	29.82	0.00	3469.36
MW - 26	08/14/18	3499.18	-	30.07	0.00	3469.11
MW - 26	09/05/18	3499.18	-	30.24	0.00	3468.94
MW - 26	09/10/18	3499.18	-	29.96	0.00	3469.22
MW - 26	10/08/18	3499.18	-	29.87	0.00	3469.31
MW - 26	11/29/18	3499.18	-	29.54	0.00	3469.64
MW - 26	12/14/18	3499.18	-	29.61	0.00	3469.57
MW - 26	01/29/19	3499.18	-	29.67	0.00	3469.51
MW - 26	03/05/19	3499.18	-	29.49	0.00	3469.69
MW - 26	03/29/19	3499.18	-	29.34	0.00	3469.84
MW - 26	04/18/19	3499.18	-	29.38	0.00	3469.80
MW - 26	05/14/19	3499.18	-	29.34	0.00	3469.84
MW - 26	06/06/19	3499.18	-	29.52	0.00	3469.66
MW - 26	07/17/19	3499.18	-	29.82	0.00	3469.36
MW - 26	09/11/19	3499.18	-	30.31	0.00	3468.87
MW - 26	10/16/19	3499.18	-	29.95	0.00	3469.23
MW - 26	12/04/19	3499.18	-	29.65	0.00	3469.53
MW - 26	12/30/19	3499.18	-	29.69	0.00	3469.49
MW - 26	01/14/20	3499.18	-	29.66	0.00	3469.52
MW - 26	02/13/20	3499.18	-	29.62	0.00	3469.56
MW - 26	05/15/20	3499.18	-	29.18	0.00	3470.00
MW - 26	06/25/20	3499.18	-	29.81	0.00	3469.37
MW - 26	07/28/20	3499.18	-	30.16	0.00	3469.02
MW - 26	08/19/20	3499.18	-	30.28	0.00	3468.90
MW - 26	09/11/20	3499.18	-	30.42	0.00	3468.76
MW - 26	10/30/20	3499.18	-	30.62	0.00	3468.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	11/11/20	3499.18	-	30.58	0.00	3468.60
MW - 26	12/30/20	3499.18	-	30.65	0.00	3468.53
MW - 26	01/21/21	3499.18	-	30.61	0.00	3468.57
MW - 26	03/18/21	3499.18	-	30.68	0.00	3468.50
MW - 26	05/27/21	3499.18	-	30.62	0.00	3468.56
MW - 26	07/26/21	3499.18	-	30.67	0.00	3468.51
MW - 26	07/27/21	3499.18	-	30.67	0.00	3468.51
MW - 26	09/29/21	3499.18	-	30.98	0.00	3468.20
MW - 26	10/13/21	3499.18	-	30.95	0.00	3468.23
MW - 26	10/29/21	3499.18	-	31.00	0.00	3468.18
MW - 26	12/01/21	3499.18	-	30.86	0.00	3468.32
MW - 27	06/07/02	3498.03	-	31.84	0.00	3466.19
MW - 27	09/27/02	3498.03	-	32.03	0.00	3466.00
MW - 27	12/04/02	3498.03	-	31.63	0.00	3466.40
MW - 27	02/25/03	3498.03	-	31.38	0.00	3466.65
MW - 27	05/22/03	3498.03	-	31.50	0.00	3466.53
MW - 27	08/26/03	3498.03	-	32.67	0.00	3465.36
MW - 27	11/25/03	3498.03	-	32.80	0.00	3465.23
MW - 27	02/10/04	3498.03	-	32.80	0.00	3465.23
MW - 27	05/10/04	3498.03	-	31.23	0.00	3466.80
MW - 27	08/25/04	3498.03	-	30.97	0.00	3467.06
MW - 27	12/01/04	3498.03	-	30.06	0.00	3467.97
MW - 27	03/10/05	3498.03	-	29.28	0.00	3468.75
MW - 27	06/10/05	3498.03	-	28.37	0.00	3469.66
MW - 27	09/09/05	3498.03	-	28.82	0.00	3469.21
MW - 27	12/05/05	3498.03	-	28.57	0.00	3469.46
MW - 27	03/09/06	3498.03	-	28.42	0.00	3469.61
MW - 27	06/08/06	3498.03	-	28.84	0.00	3469.19
MW - 27	09/15/06	3498.03	-	28.79	0.00	3469.24
MW - 27	11/29/06	3498.03	-	28.54	0.00	3469.49
MW - 27	02/26/07	3498.03	-	28.33	0.00	3469.70
MW - 27	05/21/07	3498.03	-	27.92	0.00	3470.11
MW - 27	08/16/07	3498.03	-	28.63	0.00	3469.40
MW - 27	11/07/07	3498.03	-	28.34	0.00	3469.69
MW - 27	02/12/08	3498.03	-	28.33	0.00	3469.70
MW - 27	05/15/08	3498.03	-	28.39	0.00	3469.64
MW - 27	08/18/08	3498.03	-	29.33	0.00	3468.70
MW - 27	11/13/08	3498.03	-	29.02	0.00	3469.01
MW - 27	02/11/09	3498.03	-	28.95	0.00	3469.08
MW - 27	05/13/09	3498.03	-	28.98	0.00	3469.05
MW - 27	08/11/09	3498.03	-	29.69	0.00	3468.34
MW - 27	11/23/09	3498.03	-	30.04	0.00	3467.99

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 27	01/05/10	3498.03	-	29.98	0.00	3468.05
MW - 27	02/10/10	3498.03	-	30.07	0.00	3467.96
MW - 27	05/25/10	3498.03	-	30.01	0.00	3468.02
MW - 27	08/13/10	3498.03	-	30.02	0.00	3468.01
MW - 27	11/17/10	3498.03	-	30.02	0.00	3468.01
MW - 27	02/22/11	3498.03	-	30.02	0.00	3468.01
MW - 27	05/17/11	3498.03	-	30.04	0.00	3467.99
MW - 27	08/11/11	3498.03	-	30.70	0.00	3467.33
MW - 27	11/08/11	3498.03	-	30.86	0.00	3467.17
MW - 27	03/01/12	3498.03	-	30.57	0.00	3467.46
MW - 27	05/23/12	3498.03	-	30.59	0.00	3467.44
MW - 27	08/09/12	3498.03	-	31.09	0.00	3466.94
MW - 27	11/19/12	3498.03	-	31.15	0.00	3466.88
MW - 27	02/12/13	3498.03	-	31.00	0.00	3467.03
MW - 27	05/15/13	3498.03	-	33.42	0.00	3464.61
MW - 27	08/07/13	3498.03	-	34.04	0.00	3463.99
MW - 27	11/27/13	3498.03	-	34.15	0.00	3463.88
MW - 27	02/10/14	3498.03	-	33.92	0.00	3464.11
MW - 27	05/22/14	3498.03	-	34.06	0.00	3463.97
MW - 27	07/22/14	3498.03	-	33.86	0.00	3464.17
MW - 27	08/13/14	3498.03	-	33.76	0.00	3464.27
MW - 27	10/27/14	3498.03	-	32.38	0.00	3465.65
MW - 27	11/05/14	3498.03	-	32.35	0.00	3465.68
MW - 27	01/09/15	3498.03	-	32.03	0.00	3466.00
MW - 27	02/17/15	3498.03	-	31.91	0.00	3466.12
MW - 27	03/31/15	3498.03	-	31.68	0.00	3466.35
MW - 27	05/14/15	3498.03	-	31.40	0.00	3466.63
MW - 27	07/09/15	3498.03	-	31.55	0.00	3466.48
MW - 27	08/04/15	3498.03	-	31.86	0.00	3466.17
MW - 27	11/16/15	3498.03	-	31.45	0.00	3466.58
MW - 27	01/15/16	3498.03	-	31.38	0.00	3466.65
MW - 27	02/10/16	3498.03	-	31.36	0.00	3466.67
MW - 27	04/15/16	3498.03	-	31.08	0.00	3466.95
MW - 27	05/25/16	3498.03	-	31.16	0.00	3466.87
MW - 27	06/28/16	3498.03	-	31.64	0.00	3466.39
MW - 27	07/21/16	3498.03	-	32.01	0.00	3466.02
MW - 27	08/18/16	3498.03	-	32.17	0.00	3465.86
MW - 27	10/25/16	3498.03	-	30.60	0.00	3467.43
MW - 27	11/22/16	3498.03	-	30.47	0.00	3467.56
MW - 27	12/27/16	3498.03	-	30.41	0.00	3467.62
MW - 27	01/24/17	3498.03	-	30.32	0.00	3467.71
MW - 27	02/28/17	3498.03	-	30.33	0.00	3467.70
MW - 27	04/19/17	3498.03	-	29.96	0.00	3468.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 27	05/18/17	3498.03	-	30.01	0.00	3468.02
MW - 27	06/12/17	3498.03	-	30.01	0.00	3468.02
MW - 27	07/25/17	3498.03	-	30.67	0.00	3467.36
MW - 27	08/14/17	3498.03	-	30.55	0.00	3467.48
MW - 27	10/17/17	3498.03	-	30.27	0.00	3467.76
MW - 27	11/15/17	3498.03	-	30.20	0.00	3467.83
MW - 27	12/22/17	3498.03	-	30.16	0.00	3467.87
MW - 27	01/17/18	3498.03	-	30.18	0.00	3467.85
MW - 27	02/19/18	3498.03	-	30.05	0.00	3467.98
MW - 27	03/28/18	3498.03	-	30.12	0.00	3467.91
MW - 27	04/27/18	3498.03	-	30.18	0.00	3467.85
MW - 27	05/16/18	3498.03	-	30.26	0.00	3467.77
MW - 27	06/29/18	3498.03	-	30.83	0.00	3467.20
MW - 27	07/16/18	3498.03	-	31.04	0.00	3466.99
MW - 27	08/14/18	3498.03	-	31.39	0.00	3466.64
MW - 27	11/28/18	3498.03	-	30.81	0.00	3467.22
MW - 27	12/14/18	3498.03	-	30.91	0.00	3467.12
MW - 27	01/29/19	3498.03	-	30.71	0.00	3467.32
MW - 27	03/04/19	3498.03	-	30.67	0.00	3467.36
MW - 27	03/29/19	3498.03	-	30.53	0.00	3467.50
MW - 27	04/18/19	3498.03	-	30.49	0.00	3467.54
MW - 27	05/13/19	3498.03	-	30.46	0.00	3467.57
MW - 27	06/06/19	3498.03	-	30.69	0.00	3467.34
MW - 27	07/17/19	3498.03	-	31.09	0.00	3466.94
MW - 27	09/10/19	3498.03	-	31.54	0.00	3466.49
MW - 27	10/16/19	3498.03	-	31.27	0.00	3466.76
MW - 27	12/04/19	3498.03	-	30.92	0.00	3467.11
MW - 27	12/30/19	3498.03	-	30.84	0.00	3467.19
MW - 27	01/14/20	3498.03	-	30.82	0.00	3467.21
MW - 27	02/12/20	3498.03	-	30.73	0.00	3467.30
MW - 27	05/15/20	3498.03	-	30.30	0.00	3467.73
MW - 27	06/24/20	3498.03	-	30.95	0.00	3467.08
MW - 27	07/28/20	3498.03	-	31.37	0.00	3466.66
MW - 27	08/18/20	3498.03	-	31.44	0.00	3466.59
MW - 27	09/11/20	3498.03	-	31.63	0.00	3466.40
MW - 27	10/30/20	3498.03	-	31.78	0.00	3466.25
MW - 27	11/10/20	3498.03	-	31.68	0.00	3466.35
MW - 27	12/30/20	3498.03	-	31.81	0.00	3466.22
MW - 27	01/21/21	3498.03	-	31.74	0.00	3466.29
MW - 27	03/17/21	3498.03	-	31.83	0.00	3466.20
MW - 27	05/27/21	3498.03	-	31.78	0.00	3466.25
MW - 27	07/26/21	3498.03	-	31.86	0.00	3466.17
MW - 27	09/28/21	3498.03	-	32.17	0.00	3465.86

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 27	10/13/21	3498.03	-	32.12	0.00	3465.91
MW - 27	12/01/21	3498.03	-	32.11	0.00	3465.92
MW - 28	06/07/02	3498.69	-	32.19	0.00	3466.50
MW - 28	09/27/02	3498.69	-	30.23	0.00	3468.46
MW - 28	12/04/02	3498.69	-	31.89	0.00	3466.80
MW - 28	02/25/03	3498.69	-	31.67	0.00	3467.02
MW - 28	05/22/03	3498.69	-	31.77	0.00	3466.92
MW - 28	08/26/03	3498.69	-	32.89	0.00	3465.80
MW - 28	11/25/03	3498.69	-	33.07	0.00	3465.62
MW - 28	02/10/04	3498.69	-	33.10	0.00	3465.59
MW - 28	05/10/04	3498.69	-	31.28	0.00	3467.41
MW - 28	08/25/04	3498.69	-	31.15	0.00	3467.54
MW - 28	12/01/04	3498.69	-	30.11	0.00	3468.58
MW - 28	03/10/05	3498.69	-	29.33	0.00	3469.36
MW - 28	06/10/05	3498.69	-	28.52	0.00	3470.17
MW - 28	09/09/05	3498.69	-	28.95	0.00	3469.74
MW - 28	12/05/05	3498.69	-	28.71	0.00	3469.98
MW - 28	03/09/06	3498.69	-	28.55	0.00	3470.14
MW - 28	06/08/06	3498.69	-	29.08	0.00	3469.61
MW - 28	09/15/06	3498.69	-	28.92	0.00	3469.77
MW - 28	11/29/06	3498.69	-	28.59	0.00	3470.10
MW - 28	02/26/07	3498.69	-	28.52	0.00	3470.17
MW - 28	05/21/07	3498.69	-	28.07	0.00	3470.62
MW - 28	06/21/07	3498.69	-	28.14	0.00	3470.55
MW - 28	08/16/07	3498.69	-	28.83	0.00	3469.86
MW - 28	11/07/07	3498.69	-	28.49	0.00	3470.20
MW - 28	02/12/08	3498.69	-	28.53	0.00	3470.16
MW - 28	05/15/08	3498.69	-	28.64	0.00	3470.05
MW - 28	08/18/08	3498.69	-	29.57	0.00	3469.12
MW - 28	11/13/08	3498.69	-	29.18	0.00	3469.51
MW - 28	02/11/09	3498.69	-	29.17	0.00	3469.52
MW - 28	05/13/09	3498.69	-	29.24	0.00	3469.45
MW - 28	08/11/09	3498.69	-	29.93	0.00	3468.76
MW - 28	11/23/09	3498.69	-	30.29	0.00	3468.40
MW - 28	01/05/10	3498.69	-	30.20	0.00	3468.49
MW - 28	02/10/10	3498.69	-	30.33	0.00	3468.36
MW - 28	05/25/10	3498.69	-	30.27	0.00	3468.42
MW - 28	08/13/10	3498.69	-	30.27	0.00	3468.42
MW - 28	11/17/10	3498.69	-	30.30	0.00	3468.39
MW - 28	02/22/11	3498.69	-	30.32	0.00	3468.37
MW - 28	05/17/11	3498.69	-	30.32	0.00	3468.37
MW - 28	08/11/11	3498.69	-	30.67	0.00	3468.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 28	11/08/11	3498.69	-	31.14	0.00	3467.55
MW - 28	03/01/12	3498.69	-	30.87	0.00	3467.82
MW - 28	05/23/12	3498.69	-	30.87	0.00	3467.82
MW - 28	08/09/12	3498.69	-	31.34	0.00	3467.35
MW - 28	11/19/12	3498.69	-	31.42	0.00	3467.27
MW - 28	02/12/13	3498.69	-	31.28	0.00	3467.41
MW - 28	05/15/13	3498.69	-	34.54	0.00	3464.15
MW - 28	08/07/13	3498.69	-	34.86	0.00	3463.83
MW - 28	11/27/13	3498.69	-	33.49	0.00	3465.20
MW - 28	02/10/14	3498.69	-	33.28	0.00	3465.41
MW - 28	05/22/14	3498.69	-	33.23	0.00	3465.46
MW - 28	07/22/14	3498.69	-	33.82	0.00	3464.87
MW - 28	08/13/14	3498.69	-	33.93	0.00	3464.76
MW - 28	10/27/14	3498.69	-	32.54	0.00	3466.15
MW - 28	11/06/14	3498.69	-	32.52	0.00	3466.17
MW - 28	01/09/15	3498.69	-	32.20	0.00	3466.49
MW - 28	02/17/15	3498.69	-	32.10	0.00	3466.59
MW - 28	03/31/15	3498.69	-	31.84	0.00	3466.85
MW - 28	05/14/15	3498.69	-	31.62	0.00	3467.07
MW - 28	07/09/15	3498.69	-	31.73	0.00	3466.96
MW - 28	08/04/15	3498.69	-	32.03	0.00	3466.66
MW - 28	11/16/15	3498.69	-	31.62	0.00	3467.07
MW - 28	01/15/16	3498.69	-	31.58	0.00	3467.11
MW - 28	02/10/16	3498.69	-	31.55	0.00	3467.14
MW - 28	04/15/16	3498.69	-	31.31	0.00	3467.38
MW - 28	05/24/16	3498.69	-	31.37	0.00	3467.32
MW - 28	06/28/16	3498.69	-	31.80	0.00	3466.89
MW - 28	07/21/16	3498.69	-	32.16	0.00	3466.53
MW - 28	08/18/16	3498.69	-	32.37	0.00	3466.32
MW - 28	10/25/16	3498.69	-	30.62	0.00	3468.07
MW - 28	11/22/16	3498.69	-	30.50	0.00	3468.19
MW - 28	12/27/16	3498.69	-	30.51	0.00	3468.18
MW - 28	01/24/17	3498.69	-	30.40	0.00	3468.29
MW - 28	02/28/17	3498.69	-	30.48	0.00	3468.21
MW - 28	04/19/17	3498.69	-	30.11	0.00	3468.58
MW - 28	05/18/17	3498.69	-	30.24	0.00	3468.45
MW - 28	06/12/17	3498.69	-	30.51	0.00	3468.18
MW - 28	07/25/17	3498.69	-	30.94	0.00	3467.75
MW - 28	08/14/17	3498.69	-	30.74	0.00	3467.95
MW - 28	10/17/17	3498.69	-	30.42	0.00	3468.27
MW - 28	11/15/17	3498.69	-	30.39	0.00	3468.30
MW - 28	12/22/17	3498.69	-	30.38	0.00	3468.31
MW - 28	01/17/18	3498.69	-	30.36	0.00	3468.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 28	02/19/18	3498.69	-	30.23	0.00	3468.46
MW - 28	03/28/18	3498.69	-	30.32	0.00	3468.37
MW - 28	04/27/18	3498.69	-	30.39	0.00	3468.30
MW - 28	05/15/18	3498.69	-	30.50	0.00	3468.19
MW - 28	06/29/18	3498.69	-	31.01	0.00	3467.68
MW - 28	07/16/18	3498.69	-	31.20	0.00	3467.49
MW - 28	08/14/18	3498.69	-	31.55	0.00	3467.14
MW - 28	11/28/18	3498.69	-	30.99	0.00	3467.70
MW - 28	12/14/18	3498.69	-	31.04	0.00	3467.65
MW - 28	01/29/19	3498.69	-	30.90	0.00	3467.79
MW - 28	03/04/19	3498.69	-	30.84	0.00	3467.85
MW - 28	03/29/19	3498.69	-	30.72	0.00	3467.97
MW - 28	04/18/19	3498.69	-	30.72	0.00	3467.97
MW - 28	05/13/19	3498.69	-	30.67	0.00	3468.02
MW - 28	06/06/19	3498.69	-	30.88	0.00	3467.81
MW - 28	07/17/19	3498.69	-	31.26	0.00	3467.43
MW - 28	09/10/19	3498.69	-	31.71	0.00	3466.98
MW - 28	10/16/19	3498.69	-	31.45	0.00	3467.24
MW - 28	12/03/19	3498.69	-	31.09	0.00	3467.60
MW - 28	12/30/19	3498.69	-	31.01	0.00	3467.68
MW - 28	01/14/20	3498.69	-	31.00	0.00	3467.69
MW - 28	02/12/20	3498.69	-	30.92	0.00	3467.77
MW - 28	05/15/20	3498.69	-	30.50	0.00	3468.19
MW - 28	06/24/20	3498.69	-	31.10	0.00	3467.59
MW - 28	07/28/20	3498.69	-	31.47	0.00	3467.22
MW - 28	08/18/20	3498.69	-	31.60	0.00	3467.09
MW - 28	09/11/20	3498.69	-	31.77	0.00	3466.92
MW - 28	10/30/20	3498.69	-	31.95	0.00	3466.74
MW - 28	11/10/20	3498.69	-	31.87	0.00	3466.82
MW - 28	12/30/20	3498.69	-	32.01	0.00	3466.68
MW - 28	01/21/21	3498.69	-	31.95	0.00	3466.74
MW - 28	03/17/21	3498.69	-	32.05	0.00	3466.64
MW - 28	05/26/21	3498.69	-	32.00	0.00	3466.69
MW - 28	07/26/21	3498.69	-	32.11	0.00	3466.58
MW - 28	09/28/21	3498.69	-	32.36	0.00	3466.33
MW - 28	10/13/21	3498.69	-	32.33	0.00	3466.36
MW - 28	12/01/21	3498.69	-	32.30	0.00	3466.39
MW - 29	06/07/02	3500.79	-	33.81	0.00	3466.98
MW - 29	09/27/02	3500.79	-	33.97	0.00	3466.82
MW - 29	12/04/02	3500.79	-	33.51	0.00	3467.28
MW - 29	02/25/03	3500.79	-	33.33	0.00	3467.46
MW - 29	05/22/03	3500.79	-	33.49	0.00	3467.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 29	08/26/03	3500.79	-	34.55	0.00	3466.24
MW - 29	11/25/03	3500.79	-	34.70	0.00	3466.09
MW - 29	02/10/04	3500.79	-	34.78	0.00	3466.01
MW - 29	05/10/04	3500.79	-	32.81	0.00	3467.98
MW - 29	08/25/04	3500.79	-	32.75	0.00	3468.04
MW - 29	12/01/04	3500.79	-	31.62	0.00	3469.17
MW - 29	03/10/05	3500.79	-	30.90	0.00	3469.89
MW - 29	06/10/05	3500.79	-	30.15	0.00	3470.64
MW - 29	09/09/05	3500.79	-	30.56	0.00	3470.23
MW - 29	09/13/05	Plugged and Abandoned				
MW - 30	06/07/02	3498.65	-	32.48	0.00	3466.17
MW - 30	09/27/02	3498.65	-	32.62	0.00	3466.03
MW - 30	12/04/02	3498.65	-	32.32	0.00	3466.33
MW - 30	02/25/03	3498.65	-	32.01	0.00	3466.64
MW - 30	05/22/03	3498.65	-	32.14	0.00	3466.51
MW - 30	08/26/03	3498.65	-	33.25	0.00	3465.40
MW - 30	11/25/03	3498.65	-	33.48	0.00	3465.17
MW - 30	02/10/04	3498.65	-	33.46	0.00	3465.19
MW - 30	05/10/04	3498.65	-	31.74	0.00	3466.91
MW - 30	08/25/04	3498.65	-	31.53	0.00	3467.12
MW - 30	12/01/04	3498.65	-	30.53	0.00	3468.12
MW - 30	03/10/05	3498.65	-	29.80	0.00	3468.85
MW - 30	06/10/05	3498.65	-	28.97	0.00	3469.68
MW - 30	09/09/05	3498.65	-	29.35	0.00	3469.30
MW - 30	12/05/05	3498.65	-	29.09	0.00	3469.56
MW - 30	03/09/06	3498.65	-	28.97	0.00	3469.68
MW - 30	06/08/06	3498.65	-	29.43	0.00	3469.22
MW - 30	09/15/06	3498.65	-	29.36	0.00	3469.29
MW - 30	11/29/06	3498.65	-	29.00	0.00	3469.65
MW - 30	02/26/07	3498.65	-	28.96	0.00	3469.69
MW - 30	05/21/07	3498.65	-	28.48	0.00	3470.17
MW - 30	06/21/07	3498.65	-	28.51	0.00	3470.14
MW - 30	08/16/07	3498.65	-	29.19	0.00	3469.46
MW - 30	11/07/07	3498.65	-	28.88	0.00	3469.77
MW - 30	02/12/08	3498.65	-	28.90	0.00	3469.75
MW - 30	05/15/08	3498.65	-	28.99	0.00	3469.66
MW - 30	08/18/08	3498.65	-	29.96	0.00	3468.69
MW - 30	11/13/08	3498.65	-	29.59	0.00	3469.06
MW - 30	02/11/09	3498.65	-	29.57	0.00	3469.08
MW - 30	05/13/09	3498.65	-	29.62	0.00	3469.03
MW - 30	08/11/09	3498.65	-	30.30	0.00	3468.35
MW - 30	11/23/09	3498.65	-	30.68	0.00	3467.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 30	01/05/10	3498.65	-	30.61	0.00	3468.04
MW - 30	02/10/10	3498.65	-	30.72	0.00	3467.93
MW - 30	05/25/10	3498.65	-	30.52	0.00	3468.13
MW - 30	08/13/10	3498.65	-	30.50	0.00	3468.15
MW - 30	11/17/10	3498.65	-	30.72	0.00	3467.93
MW - 30	02/22/11	3498.65	-	30.73	0.00	3467.92
MW - 30	05/17/11	3498.65	-	30.75	0.00	3467.90
MW - 30	08/11/11	3498.65	-	31.12	0.00	3467.53
MW - 30	11/08/11	3498.65	-	31.54	0.00	3467.11
MW - 30	03/01/12	3498.65	-	31.27	0.00	3467.38
MW - 30	05/23/12	3498.65	-	31.26	0.00	3467.39
MW - 30	08/09/12	3498.65	-	31.75	0.00	3466.90
MW - 30	11/19/12	3498.65	-	31.83	0.00	3466.82
MW - 30	02/12/13	3498.65	-	31.69	0.00	3466.96
MW - 30	05/15/13	3498.65	-	31.73	0.00	3466.92
MW - 30	08/07/13	3498.65	-	32.28	0.00	3466.37
MW - 30	11/27/13	3498.65	-	32.37	0.00	3466.28
MW - 30	02/10/14	3498.65	-	32.15	0.00	3466.50
MW - 30	05/22/14	3498.65	-	32.27	0.00	3466.38
MW - 30	05/22/14	3498.65	-	32.27	0.00	3466.38
MW - 30	07/22/14	3498.65	-	32.84	0.00	3465.81
MW - 30	08/13/14	3498.65	-	32.97	0.00	3465.68
MW - 30	10/27/14	3498.65	-	31.71	0.00	3466.94
MW - 30	11/06/14	3498.65	-	31.67	0.00	3466.98
MW - 30	01/09/15	3498.65	-	31.31	0.00	3467.34
MW - 30	02/17/15	3498.65	-	31.18	0.00	3467.47
MW - 30	03/31/15	3498.65	-	30.94	0.00	3467.71
MW - 30	05/14/15	3498.65	-	30.70	0.00	3467.95
MW - 30	07/09/15	3498.65	-	30.81	0.00	3467.84
MW - 30	08/04/15	3498.65	-	31.11	0.00	3467.54
MW - 30	11/16/15	3498.65	-	30.73	0.00	3467.92
MW - 30	01/15/16	3498.65	-	30.66	0.00	3467.99
MW - 30	02/10/16	3498.65	-	30.64	0.00	3468.01
MW - 30	04/15/16	3498.65	-	30.39	0.00	3468.26
MW - 30	05/25/16	3498.65	-	30.44	0.00	3468.21
MW - 30	06/28/16	3498.65	-	30.88	0.00	3467.77
MW - 30	07/21/16	3498.65	-	31.23	0.00	3467.42
MW - 30	08/18/16	3498.65	-	31.39	0.00	3467.26
MW - 30	10/25/16	3498.65	-	29.77	0.00	3468.88
MW - 30	11/22/16	3498.65	-	29.65	0.00	3469.00
MW - 30	12/27/16	3498.65	-	29.59	0.00	3469.06
MW - 30	01/24/17	3498.65	-	29.49	0.00	3469.16
MW - 30	02/28/17	3498.65	-	29.52	0.00	3469.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 30	04/19/17	3498.65	-	29.20	0.00	3469.45
MW - 30	05/18/17	3498.65	-	29.26	0.00	3469.39
MW - 30	06/12/17	3498.65	-	29.54	0.00	3469.11
MW - 30	07/25/17	3498.65	-	30.01	0.00	3468.64
MW - 30	08/14/17	3498.65	-	29.84	0.00	3468.81
MW - 30	10/17/17	3498.65	-	29.54	0.00	3469.11
MW - 30	11/15/17	3498.65	-	29.47	0.00	3469.18
MW - 30	12/22/17	3498.65	-	29.43	0.00	3469.22
MW - 30	01/17/18	3498.65	-	29.44	0.00	3469.21
MW - 30	02/19/18	3498.65	-	29.30	0.00	3469.35
MW - 30	03/28/18	3498.65	-	29.37	0.00	3469.28
MW - 30	04/27/18	3498.65	-	29.44	0.00	3469.21
MW - 30	05/16/18	3498.65	-	29.53	0.00	3469.12
MW - 30	06/29/18	3498.65	-	30.06	0.00	3468.59
MW - 30	07/16/18	3498.65	-	30.28	0.00	3468.37
MW - 30	08/14/18	3498.65	-	30.64	0.00	3468.01
MW - 30	11/28/18	3498.65	-	30.11	0.00	3468.54
MW - 30	12/14/18	3498.65	-	30.15	0.00	3468.50
MW - 30	01/29/19	3498.65	-	30.00	0.00	3468.65
MW - 30	03/04/19	3498.65	-	29.95	0.00	3468.70
MW - 30	03/29/19	3498.65	-	29.83	0.00	3468.82
MW - 30	04/18/19	3498.65	-	29.82	0.00	3468.83
MW - 30	05/13/19	3498.65	-	29.76	0.00	3468.89
MW - 30	06/06/19	3498.65	-	29.96	0.00	3468.69
MW - 30	07/17/19	3498.65	-	30.37	0.00	3468.28
MW - 30	09/10/19	3498.65	-	30.83	0.00	3467.82
MW - 30	10/16/19	3498.65	-	30.58	0.00	3468.07
MW - 30	12/04/19	3498.65	-	30.25	0.00	3468.40
MW - 30	12/30/19	3498.65	-	30.13	0.00	3468.52
MW - 30	01/14/20	3498.65	-	30.11	0.00	3468.54
MW - 30	02/12/20	3498.65	-	30.02	0.00	3468.63
MW - 30	05/15/20	3498.65	-	29.59	0.00	3469.06
MW - 30	06/24/20	3498.65	-	30.19	0.00	3468.46
MW - 30	07/28/20	3498.65	-	30.57	0.00	3468.08
MW - 30	08/18/20	3498.65	-	30.70	0.00	3467.95
MW - 30	09/11/20	3498.65	-	30.88	0.00	3467.77
MW - 30	10/30/20	3498.65	-	31.06	0.00	3467.59
MW - 30	11/10/20	3498.65	-	30.97	0.00	3467.68
MW - 30	12/30/20	3498.65	-	30.97	0.00	3467.68
MW - 30	01/21/21	3498.65	-	31.03	0.00	3467.62
MW - 30	03/17/21	3498.65	-	31.14	0.00	3467.51
MW - 30	05/27/21	3498.65	-	31.09	0.00	3467.56
MW - 30	07/26/21	3498.65	-	31.20	0.00	3467.45

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 30	09/28/21	3498.65	-	31.46	0.00	3467.19
MW - 30	10/13/21	3498.65	-	31.43	0.00	3467.22
MW - 30	12/01/21	3498.65	-	31.39	0.00	3467.26
RW - 1	12/04/02	3498.89	27.51	28.64	1.13	3471.21
RW - 1	01/07/03	3498.89	27.37	29.05	1.68	3471.27
RW - 1	01/27/03	3498.89	27.25	28.46	1.21	3471.46
RW - 1	02/25/03	3498.89	27.22	28.31	1.09	3471.51
RW - 1	03/06/03	3498.89	27.30	28.58	1.28	3471.40
RW - 1	03/11/03	3498.89	27.22	28.50	1.28	3471.48
RW - 1	03/20/03	3498.89	27.34	28.25	0.91	3471.41
RW - 1	04/02/03	3498.89	27.22	28.28	1.06	3471.51
RW - 1	04/16/03	3498.89	27.24	28.44	1.20	3471.47
RW - 1	04/23/03	3498.89	27.19	28.49	1.30	3471.51
RW - 1	04/29/03	3498.89	27.16	28.45	1.29	3471.54
RW - 1	05/15/03	3498.89	27.29	27.82	0.53	3471.52
RW - 1	05/22/03	3498.89	27.38	29.61	2.23	3471.18
RW - 1	05/28/03	3498.89	27.52	29.26	1.74	3471.11
RW - 1	06/04/03	3498.89	27.48	29.23	1.75	3471.15
RW - 1	06/10/03	3498.89	27.67	29.51	1.84	3470.94
RW - 1	06/26/03	3498.89	27.26	28.80	1.54	3471.40
RW - 1	07/07/03	3498.89	28.05	30.06	2.01	3470.54
RW - 1	07/30/03	3498.89	28.07	30.05	1.98	3470.52
RW - 1	08/05/03	3498.89	28.36	30.60	2.24	3470.19
RW - 1	08/21/03	3498.89	28.62	30.93	2.31	3469.92
RW - 1	08/26/03	3498.89	28.66	30.98	2.32	3469.88
RW - 1	09/08/03	3498.89	28.75	31.09	2.34	3469.79
RW - 1	09/15/03	3498.89	28.71	29.89	1.18	3470.00
RW - 1	09/24/03	3498.89	29.69	29.89	0.20	3469.17
RW - 1	10/02/03	3498.89	28.85	31.00	2.15	3469.72
RW - 1	10/08/03	3498.89	28.60	30.96	2.36	3469.94
RW - 1	10/16/03	3498.89	28.98	30.82	1.84	3469.63
RW - 1	10/28/03	3498.89	29.06	30.16	1.10	3469.67
RW - 1	11/11/03	3498.89	29.24	30.17	0.93	3469.51
RW - 1	11/18/03	3498.89	29.01	30.05	1.04	3469.72
RW - 1	11/25/03	3498.89	28.69	29.68	0.99	3470.05
RW - 1	02/20/04	3498.89	28.89	30.19	1.30	3469.81
RW - 1	03/16/04	3498.89	29.04	30.10	1.06	3469.69
RW - 1	12/08/03	3498.89	28.76	29.79	1.03	3469.98
RW - 1	03/25/04	3498.89	29.08	30.15	1.07	3469.65
RW - 1	03/31/04	3498.89	29.10	30.13	1.03	3469.64
RW - 1	04/08/04	3498.89	26.82	27.36	0.54	3471.99
RW - 1	04/14/04	3498.89	26.90	27.68	0.78	3471.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	04/29/04	3498.89	26.24	27.50	1.26	3472.46
RW - 1	05/05/04	3498.89	26.49	27.41	0.92	3472.26
RW - 1	05/10/04	3498.89	26.15	27.06	0.91	3472.60
RW - 1	06/08/04	3498.89	26.21	27.49	1.28	3472.49
RW - 1	06/17/04	3498.89	26.37	27.81	1.44	3472.30
RW - 1	06/22/04	3498.89	26.42	27.93	1.51	3472.24
RW - 1	06/25/04	3498.89	26.38	27.90	1.52	3472.28
RW - 1	06/29/04	3498.89	26.34	27.99	1.65	3472.30
RW - 1	07/01/04	3498.89	26.37	28.11	1.74	3472.26
RW - 1	07/08/04	3498.89	26.35	29.97	3.62	3472.00
RW - 1	07/13/04	3498.89	26.43	28.15	1.72	3472.20
RW - 1	07/20/04	3498.89	26.58	28.35	1.77	3472.04
RW - 1	08/04/04	3498.89	26.59	28.34	1.75	3472.04
RW - 1	08/10/04	3498.89	26.64	28.32	1.68	3472.00
RW - 1	08/17/04	3498.89	26.70	28.70	2.00	3471.89
RW - 1	08/23/04	3498.89	26.68	27.09	0.41	3472.15
RW - 1	08/25/04	3498.89	26.43	27.73	1.30	3472.27
RW - 1	08/31/04	3498.89	26.85	27.52	0.67	3471.94
RW - 1	09/13/04	3498.89	26.85	27.31	0.46	3471.97
RW - 1	09/20/04	3498.89	26.95	27.50	0.55	3471.86
RW - 1	09/30/04	3498.89	27.11	27.52	0.41	3471.72
RW - 1	10/04/04	3498.89	26.11	26.33	0.22	3472.75
RW - 1	10/11/04	3498.89	25.89	26.11	0.22	3472.97
RW - 1	10/18/04	3498.89	sheen	25.85	0.00	3473.04
RW - 1	10/27/04	3498.89	sheen	25.89	0.00	3473.00
RW - 1	11/02/04	3498.89	sheen	25.65	0.00	3473.24
RW - 1	11/08/04	3498.89	sheen	25.59	0.00	3473.30
RW - 1	11/23/04	3498.89	25.45	25.50	0.05	3473.43
RW - 1	12/01/04	3498.89	sheen	25.26	0.00	3473.63
RW - 1	12/02/04	3498.89	sheen	25.26	0.00	3473.63
RW - 1	12/08/04	3498.89	sheen	25.05	0.00	3473.84
RW - 1	12/14/04	3498.89	sheen	25.15	0.00	3473.74
RW - 1	12/21/04	3498.89	sheen	25.15	0.00	3473.74
RW - 1	12/29/04	3498.89	sheen	25.02	0.00	3473.87
RW - 1	01/11/05	3498.89	sheen	24.89	0.00	3474.00
RW - 1	01/14/05	3498.89	sheen	25.11	0.00	3473.78
RW - 1	01/18/05	3498.89	sheen	24.89	0.00	3474.00
RW - 1	01/21/05	3498.89	sheen	24.81	0.00	3474.08
RW - 1	01/25/05	3498.89	sheen	24.86	0.00	3474.03
RW - 1	01/28/05	3498.89	sheen	24.79	0.00	3474.10
RW - 1	02/02/05	3498.89	sheen	24.86	0.00	3474.03
RW - 1	02/05/05	3498.89	sheen	24.82	0.00	3474.07
RW - 1	02/08/05	3498.89	sheen	24.78	0.00	3474.11

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	02/11/05	3498.89	sheen	24.75	0.00	3474.14
RW - 1	02/15/05	3498.89	sheen	24.85	0.00	3474.04
RW - 1	02/18/05	3498.89	sheen	24.87	0.00	3474.02
RW - 1	02/22/05	3498.89	sheen	24.81	0.00	3474.08
RW - 1	02/25/05	3498.89	sheen	24.95	0.00	3473.94
RW - 1	03/01/05	3498.89	sheen	24.86	0.00	3474.03
RW - 1	03/04/05	3498.89	sheen	24.83	0.00	3474.06
RW - 1	03/08/05	3498.89	sheen	24.69	0.00	3474.20
RW - 1	03/10/05	3498.89	sheen	24.69	0.00	3474.20
RW - 1	03/11/05	3498.89	sheen	24.72	0.00	3474.17
RW - 1	03/15/05	3498.89	sheen	24.71	0.00	3474.18
RW - 1	03/19/05	3498.89	sheen	25.70	0.00	3473.19
RW - 1	03/22/05	3498.89	sheen	24.75	0.00	3474.14
RW - 1	03/28/05	3498.89	sheen	24.55	0.00	3474.34
RW - 1	04/01/05	3498.89	sheen	24.76	0.00	3474.13
RW - 1	04/05/05	3498.89	sheen	24.60	0.00	3474.29
RW - 1	04/08/05	3498.89	sheen	24.62	0.00	3474.27
RW - 1	04/12/05	3498.89	sheen	24.63	0.00	3474.26
RW - 1	04/15/05	3498.89	sheen	24.59	0.00	3474.30
RW - 1	05/25/05	3498.89	sheen	24.39	0.00	3474.50
RW - 1	06/03/05	3498.89	sheen	24.21	0.00	3474.68
RW - 1	06/06/05	3498.89	sheen	24.19	0.00	3474.70
RW - 1	06/10/05	3498.89	24.09	24.10	0.01	3474.80
RW - 1	06/13/05	3498.89	sheen	24.42	0.00	3474.47
RW - 1	06/20/05	3498.89	sheen	24.38	0.00	3474.51
RW - 1	06/24/05	3498.89	sheen	24.35	0.00	3474.54
RW - 1	06/27/05	3498.89	sheen	24.36	0.00	3474.53
RW - 1	07/18/05	3498.89	sheen	24.68	0.00	3474.21
RW - 1	07/25/05	3498.89	sheen	24.79	0.00	3474.10
RW - 1	08/01/05	3498.89	24.77	24.78	0.01	3474.12
RW - 1	08/10/05	3498.89	24.84	24.85	0.01	3474.05
RW - 1	08/16/05	3498.89	sheen	24.94	0.00	3473.95
RW - 1	08/23/05	3498.89	sheen	24.68	0.00	3474.21
RW - 1	08/29/05	3498.89	sheen	24.60	0.00	3474.29
RW - 1	09/06/05	3498.89	24.51	24.52	0.01	3474.38
RW - 1	09/09/05	3498.89	24.49	24.51	0.02	3474.40
RW - 1	09/12/05	3498.89	24.53	24.54	0.01	3474.36
RW - 1	09/19/05	3498.89	24.75	24.82	0.07	3474.13
RW - 1	09/27/05	3498.89	24.76	24.85	0.09	3474.12
RW - 1	10/03/05	3498.89	24.79	24.89	0.10	3474.09
RW - 1	10/10/05	3498.89	24.63	24.71	0.08	3474.25
RW - 1	10/17/05	3498.89	24.66	24.76	0.10	3474.22
RW - 1	10/24/05	3498.89	24.58	24.60	0.02	3474.31

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	11/01/05	3498.89	24.48	24.49	0.01	3474.41
RW - 1	11/08/05	3498.89	24.39	24.40	0.01	3474.50
RW - 1	11/15/05	3498.89	24.59	24.71	0.12	3474.28
RW - 1	11/22/05	3498.89	24.40	24.46	0.06	3474.48
RW - 1	11/27/05	3498.89	24.38	24.42	0.04	3474.50
RW - 1	12/05/05	3498.89	24.39	24.44	0.05	3474.49
RW - 1	12/07/05	3498.89	24.46	24.51	0.05	3474.42
RW - 1	12/16/05	3498.89	24.35	24.45	0.10	3474.53
RW - 1	12/29/05	3498.89	24.32	24.45	0.13	3474.55
RW - 1	01/03/06	3498.89	24.36	24.47	0.11	3474.51
RW - 1	01/09/06	3498.89	24.44	24.56	0.12	3474.43
RW - 1	01/16/06	3498.89	24.26	24.30	0.04	3474.62
RW - 1	01/23/06	3498.89	24.45	24.56	0.11	3474.42
RW - 1	01/30/06	3498.89	24.49	24.55	0.06	3474.39
RW - 1	02/07/06	3498.89	24.40	24.47	0.07	3474.48
RW - 1	02/14/06	3498.89	24.31	24.36	0.05	3474.57
RW - 1	02/21/06	3498.89	24.30	24.39	0.09	3474.58
RW - 1	02/27/06	3498.89	24.31	24.39	0.08	3474.57
RW - 1	03/06/06	3498.89	24.35	24.45	0.10	3474.53
RW - 1	03/09/06	3498.89	24.18	24.26	0.08	3474.70
RW - 1	03/17/06	3498.89	24.48	24.50	0.02	3474.41
RW - 1	03/21/06	3498.89	24.43	24.53	0.10	3474.45
RW - 1	03/28/06	3498.89	24.48	24.54	0.06	3474.40
RW - 1	04/03/06	3498.89	24.48	24.58	0.10	3474.40
RW - 1	04/10/06	3498.89	24.26	24.30	0.04	3474.62
RW - 1	04/17/06	3498.89	24.24	24.30	0.06	3474.64
RW - 1	05/01/06	3498.89	25.30	25.36	0.06	3473.58
RW - 1	05/08/06	3498.89	24.26	24.40	0.14	3474.61
RW - 1	05/15/06	3498.89	24.50	24.72	0.22	3474.36
RW - 1	06/01/06	3498.89	24.65	24.75	0.10	3474.23
RW - 1	06/05/06	3498.89	24.58	24.62	0.04	3474.30
RW - 1	06/08/06	3498.89	24.70	24.86	0.16	3474.17
RW - 1	06/12/06	3498.89	24.81	24.91	0.10	3474.07
RW - 1	06/19/06	3498.89	24.91	24.96	0.05	3473.97
RW - 1	07/03/06	3498.89	25.02	25.06	0.04	3473.86
RW - 1	07/10/06	3498.89	24.97	24.99	0.02	3473.92
RW - 1	07/17/06	3498.89	24.88	24.90	0.02	3474.01
RW - 1	07/26/06	3498.89	25.05	25.15	0.10	3473.83
RW - 1	07/31/06	3498.89	25.05	25.11	0.06	3473.83
RW - 1	08/07/06	3498.89	25.15	25.22	0.07	3473.73
RW - 1	08/17/06	3498.89	sheen	25.01	0.00	3473.88
RW - 1	08/21/06	3498.89	sheen	24.92	0.00	3473.97
RW - 1	09/06/06	3498.89	sheen	24.46	0.00	3474.43

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	09/11/06	3498.89	24.48	24.53	0.05	3474.40
RW - 1	09/15/06	3498.89	24.43	24.48	0.05	3474.45
RW - 1	10/02/06	3498.89	24.45	24.50	0.05	3474.43
RW - 1	10/09/06	3498.89	24.39	24.69	0.30	3474.46
RW - 1	10/17/06	3498.89	24.35	24.60	0.25	3474.50
RW - 1	10/23/06	3498.89	sheen	24.40	0.00	3474.49
RW - 1	10/30/06	3498.89	sheen	24.38	0.00	3474.51
RW - 1	11/06/06	3498.89	sheen	24.33	0.00	3474.56
RW - 1	11/13/06	3498.89	sheen	24.29	0.00	3474.60
RW - 1	11/27/06	3498.89	24.30	24.31	0.01	3474.59
RW - 1	11/29/06	3498.89	24.30	24.31	0.01	3474.59
RW - 1	12/04/06	3498.89	sheen	24.27	0.00	3474.62
RW - 1	12/12/06	3498.89	sheen	24.37	0.00	3474.52
RW - 1	12/18/06	3498.89	sheen	24.32	0.00	3474.57
RW - 1	01/04/07	3498.89	sheen	24.22	0.00	3474.67
RW - 1	01/11/07	3498.89	sheen	24.19	0.00	3474.70
RW - 1	01/18/07	3498.89	sheen	24.31	0.00	3474.58
RW - 1	01/22/07	3498.89	24.30	24.37	0.07	3474.58
RW - 1	01/31/07	3498.89	sheen	24.15	0.00	3474.74
RW - 1	02/07/07	3498.89	sheen	24.24	0.00	3474.65
RW - 1	02/14/07	3498.89	sheen	24.29	0.00	3474.60
RW - 1	02/26/07	3498.89	sheen	24.21	0.00	3474.68
RW - 1	03/07/07	3498.89	sheen	24.34	0.00	3474.55
RW - 1	04/03/07	3498.89	sheen	24.18	0.00	3474.71
RW - 1	04/09/07	3498.89	sheen	23.96	0.00	3474.93
RW - 1	04/17/07	3498.89	sheen	24.02	0.00	3474.87
RW - 1	05/01/07	3498.89	sheen	24.13	0.00	3474.76
RW - 1	05/07/07	3498.89	sheen	24.13	0.00	3474.76
RW - 1	05/17/07	3498.89	sheen	23.95	0.00	3474.94
RW - 1	05/21/07	3498.89	sheen	24.73	0.00	3474.16
RW - 1	07/03/07	3498.89	sheen	23.93	0.00	3474.96
RW - 1	07/30/07	3498.89	sheen	24.28	0.00	3474.61
RW - 1	08/06/07	3498.89	sheen	24.31	0.00	3474.58
RW - 1	08/16/07	3498.89	sheen	24.46	0.00	3474.43
RW - 1	09/13/07	3498.89	sheen	24.37	0.00	3474.52
RW - 1	09/18/07	3498.89	sheen	24.26	0.00	3474.63
RW - 1	09/24/07	3498.89	sheen	24.24	0.00	3474.65
RW - 1	10/01/07	3498.89	sheen	24.24	0.00	3474.65
RW - 1	10/08/07	3498.89	sheen	24.26	0.00	3474.63
RW - 1	10/15/07	3498.89	sheen	25.29	0.00	3473.60
RW - 1	11/07/07	3498.89	sheen	24.92	0.00	3473.97
RW - 1	12/14/07	3498.89	sheen	24.22	0.00	3474.67
RW - 1	01/09/08	3498.89	-	24.14	0.00	3474.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	01/16/08	3498.89	24.18	24.19	0.01	3474.71
RW - 1	01/23/08	3498.89	-	24.43	0.00	3474.46
RW - 1	02/08/08	3498.89	-	24.22	0.00	3474.67
RW - 1	02/12/08	3498.89	-	24.22	0.00	3474.67
RW - 1	02/22/08	3498.89	-	24.24	0.00	3474.65
RW - 1	03/05/08	3498.89	-	24.21	0.00	3474.68
RW - 1	05/14/08	3498.89	-	24.35	0.00	3474.54
RW - 1	06/23/08	3498.89	-	24.82	0.00	3474.07
RW - 1	08/18/08	3498.89	-	25.40	0.00	3473.49
RW - 1	09/17/08	3498.89	-	24.98	0.00	3473.91
RW - 1	09/29/08	3498.89	-	25.07	0.00	3473.82
RW - 1	10/06/08	3498.89	-	25.04	0.00	3473.85
RW - 1	10/13/08	3498.89	-	25.14	0.00	3473.75
RW - 1	10/20/08	3498.89	-	25.02	0.00	3473.87
RW - 1	10/29/08	3498.89	-	24.93	0.00	3473.96
RW - 1	11/05/08	3498.89	-	24.84	0.00	3474.05
RW - 1	11/10/08	3498.89	-	24.84	0.00	3474.05
RW - 1	11/13/08	3498.89	-	24.82	0.00	3474.07
RW - 1	12/03/08	3498.89	-	24.91	0.00	3473.98
RW - 1	12/16/08	3498.89	-	24.78	0.00	3474.11
RW - 1	12/30/08	3498.89	-	24.81	0.00	3474.08
RW - 1	02/11/09	3498.89	-	24.90	0.00	3473.99
RW - 1	02/24/09	3498.89	-	24.91	0.00	3473.98
RW - 1	03/04/09	3498.89	-	24.85	0.00	3474.04
RW - 1	03/17/09	3498.89	-	24.94	0.00	3473.95
RW - 1	03/25/09	3498.89	-	24.85	0.00	3474.04
RW - 1	04/08/09	3498.89	-	24.88	0.00	3474.01
RW - 1	04/15/09	3498.89	-	24.96	0.00	3473.93
RW - 1	04/29/09	3498.89	-	24.94	0.00	3473.95
RW - 1	05/13/09	3498.89	-	24.93	0.00	3473.96
RW - 1	06/01/09	3498.89	-	25.80	0.00	3473.09
RW - 1	06/10/09	3498.89	-	24.94	0.00	3473.95
RW - 1	06/12/09	3498.89	-	25.32	0.00	3473.57
RW - 1	06/18/09	3498.89	-	24.96	0.00	3473.93
RW - 1	06/24/09	3498.89	-	25.44	0.00	3473.45
RW - 1	07/02/09	3498.89	-	25.58	0.00	3473.31
RW - 1	07/08/09	3498.89	-	24.91	0.00	3473.98
RW - 1	07/14/09	3498.89	-	25.61	0.00	3473.28
RW - 1	07/20/09	3498.89	-	25.63	0.00	3473.26
RW - 1	07/27/09	3498.89	-	25.64	0.00	3473.25
RW - 1	08/03/09	3498.89	-	25.60	0.00	3473.29
RW - 1	08/10/09	3498.89	-	25.75	0.00	3473.14
RW - 1	08/11/09	3498.89	-	25.75	0.00	3473.14

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	08/18/09	3498.89	-	25.79	0.00	3473.10
RW - 1	08/24/09	3498.89	-	25.85	0.00	3473.04
RW - 1	08/31/09	3498.89	-	25.99	0.00	3472.90
RW - 1	09/03/09	3498.89	-	25.89	0.00	3473.00
RW - 1	09/08/09	3498.89	-	26.16	0.00	3472.73
RW - 1	09/10/09	3498.89	-	26.11	0.00	3472.78
RW - 1	09/16/09	3498.89	-	25.98	0.00	3472.91
RW - 1	09/22/09	3498.89	-	26.18	0.00	3472.71
RW - 1	09/29/09	3498.89	-	25.64	0.00	3473.25
RW - 1	10/02/09	3498.89	-	26.25	0.00	3472.64
RW - 1	10/07/09	3498.89	-	26.04	0.00	3472.85
RW - 1	10/12/09	3498.89	-	24.90	0.00	3473.99
RW - 1	10/16/09	3498.89	-	26.11	0.00	3472.78
RW - 1	10/20/09	3498.89	-	24.91	0.00	3473.98
RW - 1	10/26/09	3498.89	-	24.91	0.00	3473.98
RW - 1	10/28/09	3498.89	-	26.03	0.00	3472.86
RW - 1	11/04/09	3498.89	-	26.22	0.00	3472.67
RW - 1	11/12/09	3498.89	-	26.06	0.00	3472.83
RW - 1	11/23/09	3498.89	-	26.05	0.00	3472.84
RW - 1	12/03/09	3498.89	-	26.15	0.00	3472.74
RW - 1	12/16/09	3498.89	-	26.08	0.00	3472.81
RW - 1	12/21/09	3498.89	-	26.08	0.00	3472.81
RW - 1	12/28/09	3498.89	-	24.90	0.00	3473.99
RW - 1	01/05/10	3498.89	-	26.08	0.00	3472.81
RW - 1	01/20/10	3498.89	-	24.88	0.00	3474.01
RW - 1	01/25/10	3498.89	-	24.87	0.00	3474.02
RW - 1	01/27/10	3498.89	-	26.15	0.00	3472.74
RW - 1	02/10/10	3498.89	-	26.15	0.00	3472.74
RW - 1	03/01/10	3498.89	-	24.86	0.00	3474.03
RW - 1	03/09/10	3498.89	-	26.11	0.00	3472.78
RW - 1	03/11/10	3498.89	-	26.17	0.00	3472.72
RW - 1	05/25/10	3498.89	-	25.63	0.00	3473.26
RW - 1	06/07/10	3498.89	-	25.96	0.00	3472.93
RW - 1	06/12/10	3498.89	-	26.05	0.00	3472.84
RW - 1	06/25/10	3498.89	-	26.16	0.00	3472.73
RW - 1	07/07/10	3498.89	-	25.90	0.00	3472.99
RW - 1	07/12/10	3498.89	-	25.51	0.00	3473.38
RW - 1	08/03/10	3498.89	-	25.20	0.00	3473.69
RW - 1	08/13/10	3498.89	-	25.16	0.00	3473.73
RW - 1	08/19/10	3498.89	-	25.15	0.00	3473.74
RW - 1	08/25/10	3498.89	-	25.20	0.00	3473.69
RW - 1	09/01/10	3498.89	-	25.77	0.00	3473.12
RW - 1	09/09/10	3498.89	-	25.17	0.00	3473.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	09/13/10	3498.89	-	25.15	0.00	3473.74
RW - 1	09/29/10	3498.89	-	25.21	0.00	3473.68
RW - 1	10/05/10	3498.89	-	25.16	0.00	3473.73
RW - 1	10/25/10	3498.89	sheen	25.15	0.00	3473.74
RW - 1	11/03/10	3498.89	sheen	25.17	0.00	3473.72
RW - 1	11/10/10	3498.89	sheen	25.26	0.00	3473.63
RW - 1	11/18/10	3498.89	sheen	25.26	0.00	3473.63
RW - 1	12/09/10	3498.89	sheen	25.10	0.00	3473.79
RW - 1	01/18/11	3498.89	sheen	25.26	0.00	3473.63
RW - 1	02/22/11	3498.89	sheen	25.24	0.00	3473.65
RW - 1	03/01/11	3498.89	sheen	25.45	0.00	3473.44
RW - 1	03/07/11	3498.89	sheen	25.40	0.00	3473.49
RW - 1	03/22/11	3498.89	sheen	25.22	0.00	3473.67
RW - 1	04/27/11	3498.89	sheen	25.64	0.00	3473.25
RW - 1	05/05/11	3498.89	sheen	25.71	0.00	3473.18
RW - 1	05/10/11	3498.89	-	25.60	0.00	3473.29
RW - 1	05/17/11	3498.89	sheen	25.68	0.00	3473.21
RW - 1	05/17/11	3498.89	-	25.68	0.00	3473.21
RW - 1	05/24/11	3498.89	sheen	25.73	0.00	3473.16
RW - 1	06/07/11	3498.89	-	25.84	0.00	3473.05
RW - 1	06/14/11	3498.89	-	25.98	0.00	3472.91
RW - 1	06/23/11	3498.89	-	25.93	0.00	3472.96
RW - 1	06/28/11	3498.89	-	26.01	0.00	3472.88
RW - 1	07/06/11	3498.89	sheen	26.41	0.00	3472.48
RW - 1	07/14/11	3498.89	-	26.42	0.00	3472.47
RW - 1	07/27/11	3498.89	-	26.43	0.00	3472.46
RW - 1	08/11/11	3498.89	-	26.82	0.00	3472.07
RW - 1	08/18/11	3498.89	-	26.71	0.00	3472.18
RW - 1	08/25/11	3498.89	-	26.81	0.00	3472.08
RW - 1	09/02/11	3498.89	-	26.87	0.00	3472.02
RW - 1	09/09/11	3498.89	-	26.99	0.00	3471.90
RW - 1	11/08/11	3498.89	-	26.98	0.00	3471.91
RW - 1	12/28/11	3498.89	-	26.80	0.00	3472.09
RW - 1	01/05/12	3498.89	-	26.76	0.00	3472.13
RW - 1	01/18/12	3498.89	-	26.75	0.00	3472.14
RW - 1	01/27/12	3498.89	-	26.72	0.00	3472.17
RW - 1	02/02/12	3498.89	-	26.79	0.00	3472.10
RW - 1	02/10/12	3498.89	-	26.75	0.00	3472.14
RW - 1	02/15/12	3498.89	-	27.39	0.00	3471.50
RW - 1	03/01/12	3498.89	-	26.54	0.00	3472.35
RW - 1	03/07/12	3498.89	-	26.57	0.00	3472.32
RW - 1	03/14/12	3498.89	-	26.65	0.00	3472.24
RW - 1	03/19/12	3498.89	-	26.63	0.00	3472.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	03/26/12	3498.89	-	26.53	0.00	3472.36
RW - 1	04/04/12	3498.89	-	26.52	0.00	3472.37
RW - 1	04/11/12	3498.89	-	26.54	0.00	3472.35
RW - 1	04/25/12	3498.89	-	26.49	0.00	3472.40
RW - 1	05/23/12	3498.89	-	26.63	0.00	3472.26
RW - 1	05/31/12	3498.89	-	26.75	0.00	3472.14
RW - 1	06/06/12	3498.89	-	26.80	0.00	3472.09
RW - 1	06/13/12	3498.89	-	27.40	0.00	3471.49
RW - 1	06/20/12	3498.89	-	27.36	0.00	3471.53
RW - 1	07/18/12	3498.89	-	26.85	0.00	3472.04
RW - 1	08/02/12	3498.89	-	27.23	0.00	3471.66
RW - 1	08/09/12	3498.89	-	27.26	0.00	3471.63
RW - 1	08/16/12	3498.89	-	27.36	0.00	3471.53
RW - 1	10/02/12	3498.89	-	27.58	0.00	3471.31
RW - 1	10/10/12	3498.89	-	27.40	0.00	3471.49
RW - 1	10/17/12	3498.89	-	27.27	0.00	3471.62
RW - 1	10/26/12	3498.89	-	27.30	0.00	3471.59
RW - 1	11/01/12	3498.89	-	28.12	0.00	3470.77
RW - 1	11/19/12	3498.89	-	27.14	0.00	3471.75
RW - 1	12/13/12	3498.89	-	27.19	0.00	3471.70
RW - 1	12/18/12	3498.89	-	27.00	0.00	3471.89
RW - 1	01/08/13	3498.89	-	26.96	0.00	3471.93
RW - 1	01/16/13	3498.89	-	27.08	0.00	3471.81
RW - 1	01/24/13	3498.89	-	27.08	0.00	3471.81
RW - 1	01/30/13	3498.89	-	27.11	0.00	3471.78
RW - 1	02/12/13	3498.89	-	27.11	0.00	3471.78
RW - 1	03/19/13	3498.89	26.99	27.00	0.01	3471.90
RW - 1	04/02/13	3498.89	-	26.96	0.00	3471.93
RW - 1	04/08/13	3498.89	-	26.85	0.00	3472.04
RW - 1	04/16/13	3498.89	-	27.02	0.00	3471.87
RW - 1	04/23/13	3498.89	-	27.05	0.00	3471.84
RW - 1	05/01/13	3498.89	-	26.92	0.00	3471.97
RW - 1	05/08/13	3498.89	-	26.91	0.00	3471.98
RW - 1	05/15/13	3498.89	-	26.82	0.00	3472.07
RW - 1	05/17/13	3498.89	-	26.91	0.00	3471.98
RW - 1	05/23/13	3498.89	27.02	27.04	0.02	3471.87
RW - 1	05/23/13	3498.89	-	29.03	0.00	3469.86
RW - 1	05/29/13	3498.89	-	27.04	0.00	3471.85
RW - 1	06/12/13	3498.89	-	27.41	0.00	3471.48
RW - 1	06/19/13	3498.89	-	27.45	0.00	3471.44
RW - 1	06/27/13	3498.89	-	27.60	0.00	3471.29
RW - 1	07/02/13	3498.89	-	27.64	0.00	3471.25
RW - 1	07/08/13	3498.89	-	27.73	0.00	3471.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	07/15/13	3498.89	-	27.77	0.00	3471.12
RW - 1	07/23/13	3498.89	-	27.70	0.00	3471.19
RW - 1	07/29/13	3498.89	-	27.77	0.00	3471.12
RW - 1	08/07/13	3498.89	-	27.72	0.00	3471.17
RW - 1	08/15/13	3498.89	-	27.82	0.00	3471.07
RW - 1	08/20/13	3498.89	-	27.77	0.00	3471.12
RW - 1	08/28/13	3498.89	-	27.82	0.00	3471.07
RW - 1	09/05/13	3498.89	-	27.97	0.00	3470.92
RW - 1	09/09/13	3498.89	-	27.85	0.00	3471.04
RW - 1	09/18/13	3498.89	-	27.95	0.00	3470.94
RW - 1	09/28/13	3498.89	-	28.05	0.00	3470.84
RW - 1	10/01/13	3498.89	-	27.89	0.00	3471.00
RW - 1	10/08/13	3498.89	-	27.94	0.00	3470.95
RW - 1	10/14/13	3498.89	-	27.97	0.00	3470.92
RW - 1	10/23/13	3498.89	-	27.78	0.00	3471.11
RW - 1	10/29/13	3498.89	-	27.64	0.00	3471.25
RW - 1	11/16/13	3498.89	-	27.56	0.00	3471.33
RW - 1	11/27/13	3498.89	-	27.65	0.00	3471.24
RW - 1	12/02/13	3498.89	-	27.50	0.00	3471.39
RW - 1	12/14/13	3498.89	-	27.67	0.00	3471.22
RW - 1	12/19/13	3498.89	-	27.40	0.00	3471.49
RW - 1	12/24/13	3498.89	-	27.54	0.00	3471.35
RW - 1	01/02/14	3498.89	-	27.50	0.00	3471.39
RW - 1	01/07/14	3498.89	-	27.39	0.00	3471.50
RW - 1	01/14/14	3498.89	-	27.52	0.00	3471.37
RW - 1	01/21/14	3498.89	-	27.35	0.00	3471.54
RW - 1	01/31/14	3498.89	-	27.41	0.00	3471.48
RW - 1	02/10/14	3498.89	-	27.39	0.00	3471.50
RW - 1	02/27/14	3498.89	-	27.32	0.00	3471.57
RW - 1	03/06/14	3498.89	-	27.38	0.00	3471.51
RW - 1	03/13/14	3498.89	-	27.49	0.00	3471.40
RW - 1	03/25/14	3498.89	-	27.48	0.00	3471.41
RW - 1	04/03/14	3498.89	-	27.36	0.00	3471.53
RW - 1	04/07/14	3498.89	-	27.37	0.00	3471.52
RW - 1	04/14/14	3498.89	-	27.50	0.00	3471.39
RW - 1	04/23/14	3498.89	-	27.23	0.00	3471.66
RW - 1	04/28/14	3498.89	-	28.59	0.00	3470.30
RW - 1	05/05/14	3498.89	-	27.34	0.00	3471.55
RW - 1	05/14/14	3498.89	-	27.46	0.00	3471.43
RW - 1	05/22/14	3498.89	-	27.50	0.00	3471.39
RW - 1	05/28/14	3498.89	-	27.58	0.00	3471.31
RW - 1	06/02/14	3498.89	-	27.64	0.00	3471.25
RW - 1	06/12/14	3498.89	-	28.19	0.00	3470.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	06/17/14	3498.89	-	28.00	0.00	3470.89
RW - 1	06/25/14	3498.89	-	28.08	0.00	3470.81
RW - 1	06/30/14	3498.89	-	28.40	0.00	3470.49
RW - 1	07/11/14	3498.89	-	28.24	0.00	3470.65
RW - 1	07/14/14	3498.89	-	28.15	0.00	3470.74
RW - 1	07/22/14	3498.89	-	28.34	0.00	3470.55
RW - 1	07/23/14	3498.89	-	28.34	0.00	3470.55
RW - 1	08/05/14	3498.89	-	28.33	0.00	3470.56
RW - 1	08/12/14	3498.89	-	28.45	0.00	3470.44
RW - 1	08/13/14	3498.89	28.32	28.33	0.01	3470.57
RW - 1	08/27/14	3498.89	28.53	28.54	0.01	3470.36
RW - 1	09/17/14	3498.89	-	28.05	0.00	3470.84
RW - 1	09/23/14	3498.89	-	27.82	0.00	3471.07
RW - 1	10/10/14	3498.89	-	27.03	0.00	3471.86
RW - 1	10/15/14	3498.89	-	27.10	0.00	3471.79
RW - 1	10/20/14	3498.89	-	28.80	0.00	3470.09
RW - 1	10/27/14	3498.89	-	26.76	0.00	3472.13
RW - 1	11/04/14	3498.89	-	26.81	0.00	3472.08
RW - 1	11/06/14	3498.89	-	26.82	0.00	3472.07
RW - 1	11/11/14	3498.89	-	26.71	0.00	3472.18
RW - 1	11/18/14	3498.89	-	26.67	0.00	3472.22
RW - 1	12/02/14	3498.89	-	26.47	0.00	3472.42
RW - 1	12/09/14	3498.89	-	26.31	0.00	3472.58
RW - 1	12/17/14	3498.89	-	26.36	0.00	3472.53
RW - 1	12/23/14	3498.89	-	26.50	0.00	3472.39
RW - 1	12/30/14	3498.89	-	26.58	0.00	3472.31
RW - 1	01/06/15	3498.89	-	26.46	0.00	3472.43
RW - 1	01/09/15	3498.89	-	26.47	0.00	3472.42
RW - 1	01/13/15	3498.89	-	26.43	0.00	3472.46
RW - 1	01/21/15	3498.89	-	26.39	0.00	3472.50
RW - 1	01/26/15	3498.89	-	26.35	0.00	3472.54
RW - 1	02/05/15	3498.89	-	26.41	0.00	3472.48
RW - 1	02/16/15	3498.89	-	26.26	0.00	3472.63
RW - 1	02/17/15	3498.89	-	26.27	0.00	3472.62
RW - 1	03/04/15	3498.89	-	26.21	0.00	3472.68
RW - 1	03/10/15	3498.89	-	26.19	0.00	3472.70
RW - 1	03/16/15	3498.89	-	26.12	0.00	3472.77
RW - 1	03/23/15	3498.89	-	26.07	0.00	3472.82
RW - 1	03/31/15	3498.89	-	25.99	0.00	3472.90
RW - 1	04/03/15	3498.89	-	26.22	0.00	3472.67
RW - 1	04/06/15	3498.89	-	26.05	0.00	3472.84
RW - 1	04/16/15	3498.89	-	25.95	0.00	3472.94
RW - 1	04/22/15	3498.89	-	25.88	0.00	3473.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	05/01/15	3498.89	-	25.89	0.00	3473.00
RW - 1	05/11/15	3498.89	-	25.91	0.00	3472.98
RW - 1	05/14/15	3498.89	-	25.74	0.00	3473.15
RW - 1	05/29/15	3498.89	-	25.76	0.00	3473.13
RW - 1	06/04/15	3498.89	-	25.74	0.00	3473.15
RW - 1	06/09/15	3498.89	-	25.72	0.00	3473.17
RW - 1	06/17/15	3498.89	-	25.82	0.00	3473.07
RW - 1	06/23/15	3498.89	-	25.84	0.00	3473.05
RW - 1	06/29/15	3498.89	-	25.83	0.00	3473.06
RW - 1	07/09/15	3498.89	-	25.95	0.00	3472.94
RW - 1	07/15/15	3498.89	-	26.06	0.00	3472.83
RW - 1	07/20/15	3498.89	-	26.13	0.00	3472.76
RW - 1	07/30/15	3498.89	-	26.33	0.00	3472.56
RW - 1	08/03/15	3498.89	-	26.27	0.00	3472.62
RW - 1	08/04/15	3498.89	-	26.33	0.00	3472.56
RW - 1	08/11/15	3498.89	-	26.43	0.00	3472.46
RW - 1	08/18/15	3498.89	-	26.40	0.00	3472.49
RW - 1	08/26/15	3498.89	-	26.44	0.00	3472.45
RW - 1	09/02/15	3498.89	-	26.34	0.00	3472.55
RW - 1	10/22/15	3498.89	-	26.09	0.00	3472.80
RW - 1	11/17/15	3498.89	-	25.97	0.00	3472.92
RW - 1	12/03/15	3498.89	-	25.96	0.00	3472.93
RW - 1	12/09/15	3498.89	-	25.89	0.00	3473.00
RW - 1	01/06/16	3498.89	-	25.76	0.00	3473.13
RW - 1	01/13/16	3498.89	-	25.84	0.00	3473.05
RW - 1	01/15/16	3498.89	-	25.77	0.00	3473.12
RW - 1	01/29/16	3498.89	-	25.71	0.00	3473.18
RW - 1	02/04/16	3498.89	-	25.66	0.00	3473.23
RW - 1	02/10/16	3498.89	-	25.81	0.00	3473.08
RW - 1	03/03/16	3498.89	-	25.85	0.00	3473.04
RW - 1	03/16/16	3498.89	-	25.73	0.00	3473.16
RW - 1	04/12/16	3498.89	-	25.62	0.00	3473.27
RW - 1	04/15/16	3498.89	-	25.48	0.00	3473.41
RW - 1	04/19/16	3498.89	-	25.50	0.00	3473.39
RW - 1	04/29/16	3498.89	-	25.41	0.00	3473.48
RW - 1	05/04/16	3498.89	-	25.46	0.00	3473.43
RW - 1	05/13/16	3498.89	-	25.63	0.00	3473.26
RW - 1	05/18/16	3498.89	-	24.64	0.00	3474.25
RW - 1	05/25/16	3498.89	-	25.65	0.00	3473.24
RW - 1	06/02/16	3498.89	-	25.77	0.00	3473.12
RW - 1	06/06/16	3498.89	-	25.82	0.00	3473.07
RW - 1	06/28/16	3498.89	-	26.06	0.00	3472.83
RW - 1	07/05/16	3498.89	-	26.20	0.00	3472.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	07/14/16	3498.89	-	26.34	0.00	3472.55
RW - 1	07/21/16	3498.89	-	26.53	0.00	3472.36
RW - 1	07/25/16	3498.89	-	26.55	0.00	3472.34
RW - 1	08/01/16	3498.89	-	26.55	0.00	3472.34
RW - 1	08/09/16	3498.89	-	26.79	0.00	3472.10
RW - 1	08/15/16	3498.89	-	26.69	0.00	3472.20
RW - 1	08/18/16	3498.89	-	26.78	0.00	3472.11
RW - 1	08/22/16	3498.89	-	26.86	0.00	3472.03
RW - 1	09/06/16	3498.89	-	26.24	0.00	3472.65
RW - 1	09/12/16	3498.89	-	25.82	0.00	3473.07
RW - 1	09/19/16	3498.89	-	25.52	0.00	3473.37
RW - 1	09/26/16	3498.89	-	25.29	0.00	3473.60
RW - 1	10/17/16	3498.89	-	24.87	0.00	3474.02
RW - 1	10/25/16	3498.89	-	24.94	0.00	3473.95
RW - 1	11/03/16	3498.89	-	25.00	0.00	3473.89
RW - 1	11/08/16	3498.89	-	24.96	0.00	3473.93
RW - 1	11/15/16	3498.89	-	24.84	0.00	3474.05
RW - 1	11/22/16	3498.89	-	24.76	0.00	3474.13
RW - 1	12/05/16	3498.89	-	24.87	0.00	3474.02
RW - 1	12/13/16	3498.89	-	24.79	0.00	3474.10
RW - 1	12/22/16	3498.89	-	24.84	0.00	3474.05
RW - 1	12/27/16	3498.89	-	24.85	0.00	3474.04
RW - 1	01/04/17	3498.89	-	24.77	0.00	3474.12
RW - 1	01/13/17	3498.89	-	24.96	0.00	3473.93
RW - 1	01/17/17	3498.89	-	24.88	0.00	3474.01
RW - 1	01/24/17	3498.89	-	24.73	0.00	3474.16
RW - 1	01/31/17	3498.89	-	24.78	0.00	3474.11
RW - 1	02/07/17	3498.89	-	24.74	0.00	3474.15
RW - 1	02/16/17	3498.89	-	24.65	0.00	3474.24
RW - 1	02/20/17	3498.89	-	24.70	0.00	3474.19
RW - 1	03/01/17	3498.89	-	24.70	0.00	3474.19
RW - 1	03/06/17	3498.89	-	24.67	0.00	3474.22
RW - 1	03/14/17	3498.89	-	24.69	0.00	3474.20
RW - 1	03/24/17	3498.89	-	24.68	0.00	3474.21
RW - 1	04/04/17	3498.89	-	24.56	0.00	3474.33
RW - 1	04/13/17	3498.89	-	24.65	0.00	3474.24
RW - 1	04/19/17	3498.89	-	24.56	0.00	3474.33
RW - 1	05/01/17	3498.89	-	24.56	0.00	3474.33
RW - 1	05/11/17	3498.89	-	24.85	0.00	3474.04
RW - 1	05/18/17	3498.89	-	24.54	0.00	3474.35
RW - 1	05/23/17	3498.89	-	24.66	0.00	3474.23
RW - 1	06/12/17	3498.89	-	24.75	0.00	3474.14
RW - 1	07/03/17	3498.89	-	24.96	0.00	3473.93

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	07/25/17	3498.89	-	25.22	0.00	3473.67
RW - 1	08/14/17	3498.89	-	25.00	0.00	3473.89
RW - 1	08/21/17	3498.89	-	25.03	0.00	3473.86
RW - 1	09/06/17	3498.89	-	24.76	0.00	3474.13
RW - 1	09/12/17	3498.89	-	24.81	0.00	3474.08
RW - 1	10/04/17	3498.89	-	24.86	0.00	3474.03
RW - 1	10/17/17	3498.89	-	24.70	0.00	3474.19
RW - 1	10/23/17	3498.89	-	24.68	0.00	3474.21
RW - 1	10/30/17	3498.89	-	24.74	0.00	3474.15
RW - 1	11/15/17	3498.89	-	24.71	0.00	3474.18
RW - 1	12/04/17	3498.89	-	24.63	0.00	3474.26
RW - 1	12/22/17	3498.89	-	24.70	0.00	3474.19
RW - 1	12/29/17	3498.89	-	24.67	0.00	3474.22
RW - 1	01/02/18	3498.89	-	24.65	0.00	3474.24
RW - 1	01/17/18	3498.89	-	24.66	0.00	3474.23
RW - 1	01/23/18	3498.89	-	24.68	0.00	3474.21
RW - 1	01/29/18	3498.89	-	24.67	0.00	3474.22
RW - 1	02/05/18	3498.89	-	24.50	0.00	3474.39
RW - 1	02/14/18	3498.89	-	24.55	0.00	3474.34
RW - 1	02/19/18	3498.89	-	24.55	0.00	3474.34
RW - 1	03/28/18	3498.89	-	24.66	0.00	3474.23
RW - 1	04/05/18	3498.89	-	24.59	0.00	3474.30
RW - 1	04/27/18	3498.89	-	24.72	0.00	3474.17
RW - 1	05/16/18	3498.89	-	24.73	0.00	3474.16
RW - 1	06/15/18	3498.89	-	25.13	0.00	3473.76
RW - 1	06/19/18	3498.89	-	25.19	0.00	3473.70
RW - 1	06/29/18	3498.89	-	25.37	0.00	3473.52
RW - 1	07/16/18	3498.89	-	25.56	0.00	3473.33
RW - 1	08/14/18	3498.89	-	25.89	0.00	3473.00
RW - 1	09/05/18	3498.89	-	26.06	0.00	3472.83
RW - 1	09/10/18	3498.89	-	25.84	0.00	3473.05
RW - 1	10/08/18	3498.89	-	25.66	0.00	3473.23
RW - 1	11/29/18	3498.89	-	25.40	0.00	3473.49
RW - 1	12/14/18	3498.89	-	25.32	0.00	3473.57
RW - 1	01/29/19	3498.89	-	25.31	0.00	3473.58
RW - 1	03/05/19	3498.89	-	25.44	0.00	3473.45
RW - 1	03/29/19	3498.89	-	25.23	0.00	3473.66
RW - 1	04/18/19	3498.89	-	25.10	0.00	3473.79
RW - 1	05/14/19	3498.89	-	25.06	0.00	3473.83
RW - 1	06/06/19	3498.89	-	25.27	0.00	3473.62
RW - 1	06/27/19	3498.89	-	25.63	0.00	3473.26
RW - 1	07/17/19	3498.89	-	25.70	0.00	3473.19
RW - 1	09/11/19	3498.89	-	26.19	0.00	3472.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	10/16/19	3498.89	-	25.79	0.00	3473.10
RW - 1	12/04/19	3498.89	-	25.33	0.00	3473.56
RW - 1	12/30/19	3498.89	-	25.32	0.00	3473.57
RW - 1	01/14/20	3498.89	-	25.25	0.00	3473.64
RW - 1	02/13/20	3498.89	-	25.16	0.00	3473.73
RW - 1	05/15/20	3498.89	-	24.79	0.00	3474.10
RW - 1	06/25/20	3498.89	-	25.50	0.00	3473.39
RW - 1	07/28/20	3498.89	-	25.95	0.00	3472.94
RW - 1	08/19/20	3498.89	-	26.10	0.00	3472.79
RW - 1	09/11/20	3498.89	-	26.29	0.00	3472.60
RW - 1	10/30/20	3498.89	-	26.33	0.00	3472.56
RW - 1	11/11/20	3498.89	-	26.30	0.00	3472.59
RW - 1	12/30/20	3498.89	-	26.22	0.00	3472.67
RW - 1	01/21/21	3498.89	-	26.09	0.00	3472.80
RW - 1	03/18/21	3498.89	-	26.26	0.00	3472.63
RW - 1	05/27/21	3498.89	-	26.34	0.00	3472.55
RW - 1	07/26/21	3498.89	-	26.48	0.00	3472.41
RW - 1	07/27/21	3498.89	-	26.48	0.00	3472.41
RW - 1	09/29/21	3498.89	-	26.65	0.00	3472.24
RW - 1	10/13/21	3498.89	-	26.63	0.00	3472.26
RW - 1	10/29/21	3498.89	-	26.77	0.00	3472.12
RW - 1	12/01/21	3498.89	-	26.57	0.00	3472.32
RW - 2	12/04/02	3498.99	28.10	28.12	0.02	3470.89
RW - 2	01/07/03	3498.99	27.44	27.67	0.23	3471.52
RW - 2	01/27/03	3498.99	27.27	27.48	0.21	3471.69
RW - 2	02/25/03	3498.99	27.18	27.42	0.24	3471.77
RW - 2	03/06/03	3498.99	27.34	27.71	0.37	3471.59
RW - 2	03/11/03	3498.99	27.28	28.57	1.29	3471.52
RW - 2	03/20/03	3498.99	27.40	27.80	0.40	3471.53
RW - 2	04/02/03	3498.99	27.22	27.61	0.39	3471.71
RW - 2	04/16/03	3498.99	27.27	27.73	0.46	3471.65
RW - 2	04/23/02	3498.99	27.17	27.64	0.47	3471.75
RW - 2	04/29/03	3498.99	27.23	27.70	0.47	3471.69
RW - 2	05/15/03	3498.99	27.32	27.87	0.55	3471.59
RW - 2	05/22/03	3498.99	27.44	28.03	0.59	3471.46
RW - 2	05/28/03	3498.99	27.67	29.32	1.65	3471.07
RW - 2	06/04/03	3498.99	27.50	28.20	0.70	3471.39
RW - 2	06/10/03	3498.99	28.35	29.67	1.32	3470.44
RW - 2	06/26/03	3498.99	-	27.89	0.00	3471.10
RW - 2	07/07/03	3498.99	28.10	28.93	0.83	3470.77
RW - 2	07/30/03	3498.99	28.08	28.89	0.81	3470.79
RW - 2	08/05/03	3498.99	28.44	29.40	0.96	3470.41

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	08/21/03	3498.99	28.63	29.71	1.08	3470.20
RW - 2	08/26/03	3498.99	28.67	29.75	1.08	3470.16
RW - 2	09/08/03	3498.99	28.74	29.90	1.16	3470.08
RW - 2	09/15/03	3498.99	29.97	30.66	0.69	3468.92
RW - 2	09/24/03	3498.99	28.74	30.67	1.93	3469.96
RW - 2	10/02/03	3498.99	28.72	29.85	1.13	3470.10
RW - 2	10/08/03	3498.99	28.64	29.80	1.16	3470.18
RW - 2	10/16/03	3498.99	28.98	30.17	1.19	3469.83
RW - 2	10/28/03	3498.99	29.02	29.67	0.65	3469.87
RW - 2	11/11/03	3498.99	29.24	29.65	0.41	3469.69
RW - 2	11/18/03	3498.99	28.95	29.53	0.58	3469.95
RW - 2	11/25/03	3498.99	28.64	29.10	0.46	3470.28
RW - 2	12/08/03	3498.99	28.73	29.17	0.44	3470.19
RW - 2	02/20/04	3498.99	28.99	29.46	0.47	3469.93
RW - 2	03/16/04	3498.99	29.07	29.46	0.39	3469.86
RW - 2	03/25/04	3498.99	29.04	29.48	0.44	3469.88
RW - 2	03/31/05	3498.99	29.07	29.46	0.39	3469.86
RW - 2	04/08/04	3498.99	22.89	23.44	0.55	3476.02
RW - 2	04/14/05	3498.99	24.81	25.62	0.81	3474.06
RW - 2	04/29/05	3498.99	25.42	26.32	0.90	3473.44
RW - 2	05/05/04	3498.99	25.89	26.80	0.91	3472.96
RW - 2	05/10/04	3498.99	25.77	26.46	0.69	3473.12
RW - 2	06/08/04	3498.99	25.99	26.99	1.00	3472.85
RW - 2	06/17/04	3498.99	26.22	27.28	1.06	3472.61
RW - 2	06/22/04	3498.99	26.26	27.24	0.98	3472.58
RW - 2	06/25/04	3498.99	26.22	27.30	1.08	3472.61
RW - 2	06/29/04	3498.99	26.17	27.27	1.10	3472.66
RW - 2	07/01/04	3498.99	26.19	27.35	1.16	3472.63
RW - 2	07/08/04	3498.99	26.18	27.29	1.11	3472.64
RW - 2	07/13/04	3498.99	26.23	27.37	1.14	3472.59
RW - 2	07/20/04	3498.99	26.34	27.74	1.40	3472.44
RW - 2	08/04/04	3498.99	26.36	27.75	1.39	3472.42
RW - 2	08/10/04	3498.99	26.39	27.74	1.35	3472.40
RW - 2	08/17/04	3498.99	26.59	28.10	1.51	3472.17
RW - 2	08/23/04	3498.99	26.46	26.90	0.44	3472.46
RW - 2	08/25/04	3498.99	26.55	27.20	0.65	3472.34
RW - 2	08/31/04	3498.99	26.65	27.35	0.70	3472.24
RW - 2	09/13/04	3498.99	26.73	27.19	0.46	3472.19
RW - 2	09/20/04	3498.99	26.80	27.29	0.49	3472.12
RW - 2	09/30/04	3498.99	26.95	27.21	0.26	3472.00
RW - 2	10/04/04	3498.99	25.12	25.27	0.15	3473.85
RW - 2	10/11/04	3498.99	24.98	25.22	0.24	3473.97
RW - 2	10/18/04	3498.99	sheen	25.23	0.00	3473.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	10/27/04	3498.99	sheen	25.50	0.00	3473.49
RW - 2	11/02/04	3498.99	sheen	25.39	0.00	3473.60
RW - 2	11/08/04	3498.99	sheen	25.35	0.00	3473.64
RW - 2	11/23/04	3498.99	24.84	24.85	0.01	3474.15
RW - 2	12/01/04	3498.99	sheen	24.66	0.00	3474.33
RW - 2	12/02/04	3498.99	sheen	24.66	0.00	3474.33
RW - 2	12/08/04	3498.99	sheen	24.64	0.00	3474.35
RW - 2	12/14/04	3498.99	sheen	24.80	0.00	3474.19
RW - 2	12/21/04	3498.99	sheen	24.72	0.00	3474.27
RW - 2	12/29/04	3498.99	sheen	24.73	0.00	3474.26
RW - 2	01/11/05	3498.99	sheen	24.66	0.00	3474.33
RW - 2	01/14/05	3498.99	sheen	24.96	0.00	3474.03
RW - 2	01/18/05	3498.99	sheen	24.72	0.00	3474.27
RW - 2	01/21/05	3498.99	sheen	24.67	0.00	3474.32
RW - 2	01/25/05	3498.99	sheen	24.68	0.00	3474.31
RW - 2	01/28/05	3498.99	sheen	24.65	0.00	3474.34
RW - 2	02/02/05	3498.99	sheen	24.75	0.00	3474.24
RW - 2	02/05/05	3498.99	sheen	24.69	0.00	3474.30
RW - 2	02/08/05	3498.99	sheen	24.65	0.00	3474.34
RW - 2	02/11/05	3498.99	sheen	24.61	0.00	3474.38
RW - 2	02/15/05	3498.99	sheen	24.72	0.00	3474.27
RW - 2	02/18/05	3498.99	sheen	24.75	0.00	3474.24
RW - 2	02/22/05	3498.99	sheen	24.66	0.00	3474.33
RW - 2	02/25/05	3498.99	sheen	24.92	0.00	3474.07
RW - 2	03/01/05	3498.99	sheen	24.77	0.00	3474.22
RW - 2	03/04/05	3498.99	sheen	24.91	0.00	3474.08
RW - 2	03/08/05	3498.99	sheen	24.57	0.00	3474.42
RW - 2	03/10/05	3498.99	sheen	24.57	0.00	3474.42
RW - 2	03/11/05	3498.99	sheen	24.60	0.00	3474.39
RW - 2	03/15/05	3498.99	sheen	25.80	0.00	3473.19
RW - 2	03/19/05	3498.99	sheen	25.80	0.00	3473.19
RW - 2	03/22/05	3498.99	sheen	25.08	0.00	3473.91
RW - 2	03/28/05	3498.99	sheen	24.42	0.00	3474.57
RW - 2	04/01/05	3498.99	sheen	24.65	0.00	3474.34
RW - 2	04/05/05	3498.99	sheen	24.47	0.00	3474.52
RW - 2	04/08/05	3498.99	sheen	24.50	0.00	3474.49
RW - 2	04/12/05	3498.99	sheen	24.54	0.00	3474.45
RW - 2	04/15/05	3498.99	sheen	24.49	0.00	3474.50
RW - 2	05/25/05	3498.99	sheen	24.31	0.00	3474.68
RW - 2	06/03/05	3498.99	24.13	24.14	0.01	3474.86
RW - 2	06/06/05	3498.99	sheen	24.10	0.00	3474.89
RW - 2	06/10/05	3498.99	24.07	24.08	0.01	3474.92
RW - 2	06/13/05	3498.99	sheen	24.38	0.00	3474.61

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	06/20/05	3498.99	sheen	24.33	0.00	3474.66
RW - 2	06/24/05	3498.99	sheen	24.31	0.00	3474.68
RW - 2	06/27/05	3498.99	24.27	24.28	0.01	3474.72
RW - 2	07/18/05	3498.99	sheen	24.56	0.00	3474.43
RW - 2	07/25/05	3498.99	sheen	24.62	0.00	3474.37
RW - 2	08/01/05	3498.99	24.66	24.67	0.01	3474.33
RW - 2	08/10/05	3498.99	24.89	24.90	0.01	3474.10
RW - 2	08/16/05	3498.99	sheen	24.56	0.00	3474.43
RW - 2	08/23/05	3498.99	24.14	24.20	0.06	3474.84
RW - 2	08/29/05	3498.99	24.10	24.19	0.09	3474.88
RW - 2	09/06/05	3498.99	24.23	24.36	0.13	3474.74
RW - 2	09/09/05	3498.99	24.21	24.34	0.13	3474.76
RW - 2	09/12/05	3498.99	24.27	24.43	0.16	3474.70
RW - 2	09/19/05	3498.99	24.56	24.71	0.15	3474.41
RW - 2	09/27/05	3498.99	25.15	26.18	1.03	3473.69
RW - 2	10/03/05	3498.99	25.19	25.22	0.03	3473.80
RW - 2	10/10/05	3498.99	24.49	24.90	0.41	3474.44
RW - 2	10/17/05	3498.99	sheen	25.10	0.00	3473.89
RW - 2	10/24/05	3498.99	24.43	24.48	0.05	3474.55
RW - 2	11/01/05	3498.99	24.30	24.31	0.01	3474.69
RW - 2	11/08/05	3498.99	24.38	24.39	0.01	3474.61
RW - 2	11/15/05	3498.99	24.48	24.60	0.12	3474.49
RW - 2	11/22/05	3498.99	24.33	24.36	0.03	3474.66
RW - 2	11/27/05	3498.99	24.32	24.36	0.04	3474.66
RW - 2	12/05/05	3498.99	24.28	24.37	0.09	3474.70
RW - 2	12/07/05	3498.99	24.41	24.42	0.01	3474.58
RW - 2	12/16/05	3498.99	24.20	24.40	0.20	3474.76
RW - 2	12/29/05	3498.99	24.27	24.33	0.06	3474.71
RW - 2	01/03/06	3498.99	24.20	24.41	0.21	3474.76
RW - 2	01/09/06	3498.99	24.35	24.55	0.20	3474.61
RW - 2	01/16/06	3498.99	24.15	24.17	0.02	3474.84
RW - 2	01/23/06	3498.99	24.36	24.45	0.09	3474.62
RW - 2	01/30/06	3498.99	24.42	24.52	0.10	3474.56
RW - 2	02/07/06	3498.99	24.35	24.41	0.06	3474.63
RW - 2	02/09/06	3498.99	24.55	24.57	0.02	3474.44
RW - 2	02/14/06	3498.99	24.28	24.33	0.05	3474.70
RW - 2	02/21/06	3498.99	24.26	24.35	0.09	3474.72
RW - 2	02/27/06	3498.99	24.25	24.30	0.05	3474.73
RW - 2	03/06/06	3498.99	24.30	24.37	0.07	3474.68
RW - 2	03/09/06	3498.99	24.18	24.29	0.11	3474.79
RW - 2	03/17/06	3498.99	24.53	24.54	0.01	3474.46
RW - 2	03/21/06	3498.99	24.48	24.54	0.06	3474.50
RW - 2	03/28/06	3498.99	24.50	24.55	0.05	3474.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	04/03/06	3498.99	24.50	24.54	0.04	3474.48
RW - 2	04/10/06	3498.99	sheen	24.21	0.00	3474.78
RW - 2	04/17/06	3498.99	sheen	24.20	0.00	3474.79
RW - 2	05/01/06	3498.99	sheen	24.28	0.00	3474.71
RW - 2	05/08/06	3498.99	24.19	24.21	0.02	3474.80
RW - 2	05/15/06	3498.99	24.42	24.43	0.01	3474.57
RW - 2	06/01/06	3498.99	sheen	24.61	0.00	3474.38
RW - 2	06/05/06	3498.99	sheen	24.50	0.00	3474.49
RW - 2	06/08/06	3498.99	24.68	24.70	0.02	3474.31
RW - 2	06/12/06	3498.99	sheen	25.83	0.00	3473.16
RW - 2	06/19/06	3498.99	24.83	24.88	0.05	3474.15
RW - 2	07/03/06	3498.99	sheen	25.00	0.00	3473.99
RW - 2	07/10/06	3498.99	24.90	24.96	0.06	3474.08
RW - 2	07/17/06	3498.99	24.56	24.58	0.02	3474.43
RW - 2	07/26/06	3498.99	24.83	24.87	0.04	3474.15
RW - 2	07/31/06	3498.99	24.91	24.99	0.08	3474.07
RW - 2	08/07/06	3498.99	26.11	26.29	0.18	3472.85
RW - 2	08/17/06	3498.99	24.73	24.77	0.04	3474.25
RW - 2	08/21/06	3498.99	24.55	24.57	0.02	3474.44
RW - 2	09/06/06	3498.99	24.05	24.09	0.04	3474.93
RW - 2	09/11/06	3498.99	24.14	24.21	0.07	3474.84
RW - 2	09/15/06	3498.99	24.16	24.20	0.04	3474.82
RW - 2	10/02/06	3498.99	24.19	24.21	0.02	3474.80
RW - 2	10/09/06	3498.99	24.27	24.34	0.07	3474.71
RW - 2	10/17/06	3498.99	24.25	24.31	0.06	3474.73
RW - 2	10/23/06	3498.99	sheen	24.30	0.00	3474.69
RW - 2	10/30/06	3498.99	sheen	24.26	0.00	3474.73
RW - 2	11/06/06	3498.99	sheen	24.24	0.00	3474.75
RW - 2	11/13/06	3498.99	sheen	24.21	0.00	3474.78
RW - 2	11/20/06	3498.99	sheen	24.29	0.00	3474.70
RW - 2	11/27/06	3498.99	sheen	24.25	0.00	3474.74
RW - 2	11/29/06	3498.99	sheen	24.26	0.00	3474.73
RW - 2	12/04/06	3498.99	sheen	24.28	0.00	3474.71
RW - 2	12/12/06	3498.99	sheen	24.29	0.00	3474.70
RW - 2	12/18/06	3498.99	sheen	24.45	0.00	3474.54
RW - 2	01/04/07	3498.99	sheen	24.21	0.00	3474.78
RW - 2	01/11/07	3498.99	sheen	24.25	0.00	3474.74
RW - 2	01/18/07	3498.99	sheen	24.41	0.00	3474.58
RW - 2	01/22/07	3498.99	sheen	24.40	0.00	3474.59
RW - 2	01/31/07	3498.99	sheen	24.12	0.00	3474.87
RW - 2	02/07/07	3498.99	24.21	24.24	0.03	3474.78
RW - 2	02/14/07	3498.99	24.19	24.20	0.01	3474.80
RW - 2	02/26/07	3498.99	sheen	24.19	0.00	3474.80

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	03/07/07	3498.99	24.30	24.39	0.09	3474.68
RW - 2	04/03/07	3498.99	24.12	24.18	0.06	3474.86
RW - 2	04/09/07	3498.99	24.89	24.90	0.01	3474.10
RW - 2	04/17/07	3498.99	23.96	23.98	0.02	3475.03
RW - 2	05/01/07	3498.99	sheen	24.00	0.00	3474.99
RW - 2	05/07/07	3498.99	sheen	24.01	0.00	3474.98
RW - 2	05/21/07	3498.99	sheen	23.69	0.00	3475.30
RW - 2	07/03/07	3498.99	sheen	25.02	0.00	3473.97
RW - 2	07/30/07	3498.99	sheen	24.22	0.00	3474.77
RW - 2	08/06/07	3498.99	sheen	24.33	0.00	3474.66
RW - 2	08/16/07	3498.99	sheen	24.46	0.00	3474.53
RW - 2	09/13/07	3498.99	sheen	24.02	0.00	3474.97
RW - 2	09/18/07	3498.99	sheen	23.89	0.00	3475.10
RW - 2	09/24/07	3498.99	sheen	24.00	0.00	3474.99
RW - 2	10/01/07	3498.99	sheen	24.06	0.00	3474.93
RW - 2	10/08/07	3498.99	sheen	24.12	0.00	3474.87
RW - 2	10/15/07	3498.99	sheen	24.55	0.00	3474.44
RW - 2	11/07/07	3498.99	sheen	24.24	0.00	3474.75
RW - 2	12/14/07	3498.99	sheen	24.21	0.00	3474.78
RW - 2	01/09/08	3498.99	-	24.01	0.00	3474.98
RW - 2	01/16/08	3498.99	-	24.21	0.00	3474.78
RW - 2	01/23/08	3498.99	-	24.57	0.00	3474.42
RW - 2	02/08/08	3498.99	-	24.57	0.00	3474.42
RW - 2	02/12/08	3498.99	-	24.22	0.00	3474.77
RW - 2	02/22/08	3498.99	-	24.25	0.00	3474.74
RW - 2	03/05/08	3498.99	-	24.24	0.00	3474.75
RW - 2	05/14/08	3498.99	-	24.37	0.00	3474.62
RW - 2	06/23/08	3498.99	-	25.07	0.00	3473.92
RW - 2	08/18/08	3498.99	-	25.45	0.00	3473.54
RW - 2	09/17/08	3498.99	-	24.98	0.00	3474.01
RW - 2	09/29/08	3498.99	-	24.90	0.00	3474.09
RW - 2	10/06/08	3498.99	sheen	24.94	0.00	3474.05
RW - 2	10/13/08	3498.99	sheen	25.09	0.00	3473.90
RW - 2	10/20/08	3498.99	sheen	24.79	0.00	3474.20
RW - 2	10/29/08	3498.99	sheen	24.76	0.00	3474.23
RW - 2	11/05/08	3498.99	sheen	24.82	0.00	3474.17
RW - 2	11/10/08	3498.99	sheen	24.82	0.00	3474.17
RW - 2	11/13/08	3498.99	sheen	24.71	0.00	3474.28
RW - 2	12/03/08	3498.99	sheen	24.90	0.00	3474.09
RW - 2	12/16/08	3498.99	sheen	24.89	0.00	3474.10
RW - 2	12/30/08	3498.99	sheen	24.74	0.00	3474.25
RW - 2	02/11/09	3498.99	-	24.84	0.00	3474.15
RW - 2	02/24/09	3498.99	-	24.90	0.00	3474.09

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	03/04/09	3498.99	-	24.91	0.00	3474.08
RW - 2	03/17/09	3498.99	-	24.92	0.00	3474.07
RW - 2	03/25/09	3498.99	-	24.79	0.00	3474.20
RW - 2	04/08/09	3498.99	-	24.89	0.00	3474.10
RW - 2	04/15/09	3498.99	-	24.91	0.00	3474.08
RW - 2	04/29/09	3498.99	-	24.92	0.00	3474.07
RW - 2	05/13/09	3498.99	-	24.90	0.00	3474.09
RW - 2	06/01/09	3498.99	-	25.26	0.00	3473.73
RW - 2	06/10/09	3498.99	-	24.91	0.00	3474.08
RW - 2	06/12/09	3498.99	-	25.21	0.00	3473.78
RW - 2	06/18/09	3498.99	-	24.93	0.00	3474.06
RW - 2	06/24/09	3498.99	-	25.34	0.00	3473.65
RW - 2	07/02/09	3498.99	-	25.47	0.00	3473.52
RW - 2	07/08/09	3498.99	-	24.83	0.00	3474.16
RW - 2	07/14/09	3498.99	-	25.58	0.00	3473.41
RW - 2	07/20/09	3498.99	-	25.59	0.00	3473.40
RW - 2	07/27/09	3498.99	-	25.60	0.00	3473.39
RW - 2	08/03/09	3498.99	-	26.65	0.00	3472.34
RW - 2	08/10/09	3498.99	-	25.72	0.00	3473.27
RW - 2	08/11/09	3498.99	-	25.72	0.00	3473.27
RW - 2	08/18/09	3498.99	-	25.70	0.00	3473.29
RW - 2	08/24/09	3498.99	-	25.74	0.00	3473.25
RW - 2	08/31/09	3498.99	-	25.86	0.00	3473.13
RW - 2	09/03/09	3498.99	-	25.80	0.00	3473.19
RW - 2	09/08/09	3498.99	-	25.93	0.00	3473.06
RW - 2	09/10/09	3498.99	-	21.00	0.00	3477.99
RW - 2	09/16/09	3498.99	-	25.92	0.00	3473.07
RW - 2	09/22/09	3498.99	-	26.12	0.00	3472.87
RW - 2	09/29/09	3498.99	-	25.62	0.00	3473.37
RW - 2	10/02/09	3498.99	-	26.02	0.00	3472.97
RW - 2	10/07/09	3498.99	-	25.98	0.00	3473.01
RW - 2	10/12/09	3498.99	-	24.83	0.00	3474.16
RW - 2	10/16/09	3498.99	-	21.01	0.00	3477.98
RW - 2	10/20/09	3498.99	-	24.82	0.00	3474.17
RW - 2	10/26/09	3498.99	-	24.82	0.00	3474.17
RW - 2	10/28/09	3498.99	-	25.94	0.00	3473.05
RW - 2	11/04/09	3498.99	-	26.12	0.00	3472.87
RW - 2	11/12/09	3498.99	-	26.36	0.00	3472.63
RW - 2	11/23/09	3498.99	-	25.99	0.00	3473.00
RW - 2	12/03/09	3498.99	-	26.10	0.00	3472.89
RW - 2	12/16/09	3498.99	-	26.13	0.00	3472.86
RW - 2	12/21/09	3498.99	-	26.01	0.00	3472.98
RW - 2	12/28/09	3498.99	-	24.84	0.00	3474.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	01/05/10	3498.99	-	26.07	0.00	3472.92
RW - 2	01/20/10	3498.99	-	24.83	0.00	3474.16
RW - 2	01/25/10	3498.99	-	24.81	0.00	3474.18
RW - 2	01/27/10	3498.99	-	26.10	0.00	3472.89
RW - 2	02/10/10	3498.99	-	26.08	0.00	3472.91
RW - 2	03/01/10	3498.99	-	24.80	0.00	3474.19
RW - 2	03/09/10	3498.99	-	26.06	0.00	3472.93
RW - 2	03/11/10	3498.99	-	26.13	0.00	3472.86
RW - 2	05/25/10	3498.99	-	26.51	0.00	3472.48
RW - 2	06/07/10	3498.99	-	26.63	0.00	3472.36
RW - 2	06/12/10	3498.99	-	26.73	0.00	3472.26
RW - 2	06/25/10	3498.99	-	26.86	0.00	3472.13
RW - 2	07/07/10	3498.99	-	26.60	0.00	3472.39
RW - 2	07/12/10	3498.99	-	26.20	0.00	3472.79
RW - 2	08/03/10	3498.99	-	25.95	0.00	3473.04
RW - 2	08/13/10	3498.99	-	25.90	0.00	3473.09
RW - 2	08/19/10	3498.99	-	25.87	0.00	3473.12
RW - 2	08/25/10	3498.99	-	25.87	0.00	3473.12
RW - 2	09/01/10	3498.99	-	25.11	0.00	3473.88
RW - 2	09/09/10	3498.99	-	25.86	0.00	3473.13
RW - 2	09/13/10	3498.99	-	25.91	0.00	3473.08
RW - 2	09/29/10	3498.99	-	25.87	0.00	3473.12
RW - 2	10/05/10	3498.99	-	25.90	0.00	3473.09
RW - 2	10/25/10	3498.99	-	25.91	0.00	3473.08
RW - 2	11/03/10	3498.99	sheen	25.91	0.00	3473.08
RW - 2	11/10/10	3498.99	sheen	26.00	0.00	3472.99
RW - 2	11/18/10	3498.99	sheen	26.00	0.00	3472.99
RW - 2	12/09/10	3498.99	sheen	25.95	0.00	3473.04
RW - 2	01/18/11	3498.99	sheen	26.01	0.00	3472.98
RW - 2	02/22/11	3498.99	sheen	26.03	0.00	3472.96
RW - 2	03/01/11	3498.99	sheen	26.22	0.00	3472.77
RW - 2	03/07/11	3498.99	sheen	26.07	0.00	3472.92
RW - 2	03/22/11	3498.99	sheen	26.04	0.00	3472.95
RW - 2	04/27/11	3498.99	sheen	26.35	0.00	3472.64
RW - 2	05/05/11	3498.99	sheen	26.33	0.00	3472.66
RW - 2	05/10/11	3498.99	-	26.35	0.00	3472.64
RW - 2	05/17/11	3498.99	-	26.31	0.00	3472.68
RW - 2	05/17/11	3498.99	sheen	26.31	0.00	3472.68
RW - 2	05/24/11	3498.99	sheen	26.28	0.00	3472.71
RW - 2	06/07/11	3498.99	-	26.40	0.00	3472.59
RW - 2	06/14/11	3498.99	-	26.60	0.00	3472.39
RW - 2	06/23/11	3498.99	-	26.40	0.00	3472.59
RW - 2	06/28/11	3498.99	-	26.69	0.00	3472.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	07/06/11	3498.99	sheen	27.10	0.00	3471.89
RW - 2	07/14/11	3498.99	sheen	27.09	0.00	3471.90
RW - 2	07/27/11	3498.99	-	27.05	0.00	3471.94
RW - 2	08/11/11	3498.99	-	27.40	0.00	3471.59
RW - 2	08/18/11	3498.99	-	27.35	0.00	3471.64
RW - 2	08/25/11	3498.99	-	27.42	0.00	3471.57
RW - 2	09/02/11	3498.99	-	27.54	0.00	3471.45
RW - 2	09/09/11	3498.99	-	27.56	0.00	3471.43
RW - 2	11/08/11	3498.99	-	27.60	0.00	3471.39
RW - 2	12/28/11	3498.99	-	27.51	0.00	3471.48
RW - 2	01/05/12	3498.99	-	27.49	0.00	3471.50
RW - 2	01/18/12	3498.99	-	27.34	0.00	3471.65
RW - 2	01/27/12	3498.99	-	27.44	0.00	3471.55
RW - 2	02/02/12	3498.99	-	27.35	0.00	3471.64
RW - 2	02/10/12	3498.99	-	27.44	0.00	3471.55
RW - 2	02/15/12	3498.99	-	26.66	0.00	3472.33
RW - 2	03/01/12	3498.99	-	27.21	0.00	3471.78
RW - 2	03/07/12	3498.99	-	27.30	0.00	3471.69
RW - 2	03/14/12	3498.99	-	27.38	0.00	3471.61
RW - 2	03/19/12	3498.99	-	27.34	0.00	3471.65
RW - 2	03/26/12	3498.99	-	27.26	0.00	3471.73
RW - 2	04/04/12	3498.99	-	27.27	0.00	3471.72
RW - 2	04/11/12	3498.99	-	27.27	0.00	3471.72
RW - 2	04/25/12	3498.99	-	27.20	0.00	3471.79
RW - 2	05/23/12	3498.99	-	27.23	0.00	3471.76
RW - 2	05/31/12	3498.99	-	27.35	0.00	3471.64
RW - 2	06/06/12	3498.99	-	27.49	0.00	3471.50
RW - 2	06/13/12	3498.99	-	27.65	0.00	3471.34
RW - 2	06/20/12	3498.99	-	27.61	0.00	3471.38
RW - 2	07/18/12	3498.99	-	27.52	0.00	3471.47
RW - 2	08/02/12	3498.99	-	27.96	0.00	3471.03
RW - 2	08/09/12	3498.99	-	28.01	0.00	3470.98
RW - 2	08/16/12	3498.99	-	28.09	0.00	3470.90
RW - 2	10/02/12	3498.99	-	28.30	0.00	3470.69
RW - 2	10/10/12	3498.99	-	28.07	0.00	3470.92
RW - 2	10/17/12	3498.99	-	28.01	0.00	3470.98
RW - 2	10/26/12	3498.99	-	28.26	0.00	3470.73
RW - 2	11/01/12	3498.99	-	27.25	0.00	3471.74
RW - 2	11/19/12	3498.99	-	27.83	0.00	3471.16
RW - 2	12/13/12	3498.99	-	27.92	0.00	3471.07
RW - 2	12/18/12	3498.99	-	27.68	0.00	3471.31
RW - 2	01/08/13	3498.99	-	27.71	0.00	3471.28
RW - 2	01/16/13	3498.99	-	27.80	0.00	3471.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	01/24/13	3498.99	-	27.82	0.00	3471.17
RW - 2	01/30/13	3498.99	-	27.86	0.00	3471.13
RW - 2	02/12/13	3498.99	-	27.81	0.00	3471.18
RW - 2	03/19/13	3498.99	27.72	27.73	0.01	3471.27
RW - 2	04/02/13	3498.99	-	27.69	0.00	3471.30
RW - 2	04/08/13	3498.99	-	27.54	0.00	3471.45
RW - 2	04/16/13	3498.99	27.64	27.67	0.03	3471.35
RW - 2	04/23/13	3498.99	-	27.87	0.00	3471.12
RW - 2	05/01/13	3498.99	-	27.87	0.00	3471.12
RW - 2	05/08/13	3498.99	-	27.71	0.00	3471.28
RW - 2	05/15/13	3498.99	-	27.71	0.00	3471.28
RW - 2	05/17/13	3498.99	-	27.72	0.00	3471.27
RW - 2	05/23/13	3498.99	-	27.78	0.00	3471.21
RW - 2	05/29/13	3498.99	-	27.79	0.00	3471.20
RW - 2	06/12/13	3498.99	-	28.12	0.00	3470.87
RW - 2	06/19/13	3498.99	-	28.14	0.00	3470.85
RW - 2	06/27/13	3498.99	-	28.39	0.00	3470.60
RW - 2	07/02/13	3498.99	-	28.34	0.00	3470.65
RW - 2	07/08/13	3498.99	-	28.40	0.00	3470.59
RW - 2	07/15/13	3498.99	-	28.50	0.00	3470.49
RW - 2	07/23/13	3498.99	-	28.32	0.00	3470.67
RW - 2	07/29/13	3498.99	-	28.32	0.00	3470.67
RW - 2	08/07/13	3498.99	-	28.39	0.00	3470.60
RW - 2	08/15/13	3498.99	-	28.39	0.00	3470.60
RW - 2	08/20/13	3498.99	-	28.40	0.00	3470.59
RW - 2	08/28/13	3498.99	-	28.53	0.00	3470.46
RW - 2	09/05/13	3498.99	-	28.71	0.00	3470.28
RW - 2	09/09/13	3498.99	-	28.56	0.00	3470.43
RW - 2	09/18/13	3498.99	-	28.73	0.00	3470.26
RW - 2	09/28/13	3498.99	-	28.72	0.00	3470.27
RW - 2	10/01/13	3498.99	-	28.61	0.00	3470.38
RW - 2	10/08/13	3498.99	-	28.63	0.00	3470.36
RW - 2	10/14/13	3498.99	-	28.64	0.00	3470.35
RW - 2	10/23/13	3498.99	-	28.51	0.00	3470.48
RW - 2	10/29/13	3498.99	-	28.44	0.00	3470.55
RW - 2	11/16/13	3498.99	-	28.27	0.00	3470.72
RW - 2	11/27/13	3498.99	-	28.29	0.00	3470.70
RW - 2	12/02/13	3498.99	-	28.15	0.00	3470.84
RW - 2	12/14/13	3498.99	-	28.39	0.00	3470.60
RW - 2	12/19/13	3498.99	-	28.06	0.00	3470.93
RW - 2	12/24/13	3498.99	-	28.29	0.00	3470.70
RW - 2	01/02/14	3498.99	-	28.32	0.00	3470.67
RW - 2	01/07/14	3498.99	-	28.13	0.00	3470.86

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	01/14/14	3498.99	-	28.34	0.00	3470.65
RW - 2	01/21/14	3498.99	-	28.09	0.00	3470.90
RW - 2	01/31/14	3498.99	-	28.17	0.00	3470.82
RW - 2	02/10/14	3498.99	-	28.18	0.00	3470.81
RW - 2	02/27/14	3498.99	-	28.05	0.00	3470.94
RW - 2	03/06/14	3498.99	-	28.09	0.00	3470.90
RW - 2	03/13/14	3498.99	-	28.24	0.00	3470.75
RW - 2	03/25/14	3498.99	-	28.33	0.00	3470.66
RW - 2	04/03/14	3498.99	-	28.16	0.00	3470.83
RW - 2	04/14/14	3498.99	28.21	28.25	0.04	3470.77
RW - 2	04/23/14	3498.99	27.94	27.96	0.02	3471.05
RW - 2	04/28/14	3498.99	28.09	28.20	0.11	3470.88
RW - 2	05/05/14	3498.99	28.04	28.27	0.23	3470.92
RW - 2	05/14/14	3498.99	28.15	28.25	0.10	3470.83
RW - 2	05/22/14	3498.99	28.08	28.24	0.16	3470.89
RW - 2	05/28/14	3498.99	28.23	28.51	0.28	3470.72
RW - 2	06/02/14	3498.99	28.34	28.55	0.21	3470.62
RW - 2	06/12/14	3498.99	28.62	28.82	0.20	3470.34
RW - 2	06/17/14	3498.99	28.64	28.75	0.11	3470.33
RW - 2	06/25/14	3498.99	28.71	28.83	0.12	3470.26
RW - 2	06/30/14	3498.99	28.77	28.85	0.08	3470.21
RW - 2	07/11/14	3498.99	28.89	29.10	0.21	3470.07
RW - 2	07/14/14	3498.99	28.86	29.00	0.14	3470.11
RW - 2	07/22/14	3498.99	28.86	29.03	0.17	3470.10
RW - 2	07/23/14	3498.99	28.86	29.03	0.17	3470.10
RW - 2	08/05/14	3498.99	29.00	29.14	0.14	3469.97
RW - 2	08/12/14	3498.99	29.03	29.13	0.10	3469.95
RW - 2	08/13/14	3498.99	28.98	29.07	0.09	3470.00
RW - 2	08/27/14	3498.99	29.15	29.19	0.04	3469.83
RW - 2	09/17/14	3498.99	-	28.70	0.00	3470.29
RW - 2	09/23/14	3498.99	-	28.39	0.00	3470.60
RW - 2	10/10/14	3498.99	-	27.70	0.00	3471.29
RW - 2	10/15/14	3498.99	-	27.60	0.00	3471.39
RW - 2	10/27/14	3498.99	-	27.38	0.00	3471.61
RW - 2	11/04/14	3498.99	-	27.70	0.00	3471.29
RW - 2	11/04/14	3498.99	-	27.70	0.00	3471.29
RW-2	11/06/14	3498.99	-	27.49	0.00	3471.50
RW - 2	11/11/14	3498.99	27.34	27.39	0.05	3471.64
RW - 2	11/18/14	3498.99	27.29	27.35	0.06	3471.69
RW - 2	12/02/14	3498.99	-	27.14	0.00	3471.85
RW - 2	12/09/14	3498.99	-	27.10	0.00	3471.89
RW - 2	12/17/14	3498.99	-	26.98	0.00	3472.01
RW - 2	12/23/14	3498.99	27.12	27.15	0.03	3471.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	12/30/14	3498.99	27.21	27.30	0.09	3471.77
RW - 2	01/09/15	3498.99	27.08	27.10	0.02	3471.91
RW - 2	01/13/15	3498.99	27.05	27.08	0.03	3471.94
RW - 2	01/16/15	3498.99	26.94	26.96	0.02	3472.05
RW - 2	01/21/15	3498.99	-	27.12	0.00	3471.87
RW - 2	01/26/15	3498.99	-	27.19	0.00	3471.80
RW - 2	02/03/15	3498.99	27.11	27.12	0.01	3471.88
RW - 2	02/05/15	3498.99	27.09	27.10	0.01	3471.90
RW - 2	02/16/15	3498.99	27.06	27.07	0.01	3471.93
RW - 2	02/17/15	3498.99	-	27.11	0.00	3471.88
RW - 2	03/04/15	3498.99	-	27.00	0.00	3471.99
RW - 2	03/10/15	3498.99	-	27.05	0.00	3471.94
RW - 2	03/17/15	3498.99	-	27.11	0.00	3471.88
RW - 2	03/23/15	3498.99	-	26.93	0.00	3472.06
RW - 2	03/25/15	3498.99	-	26.95	0.00	3472.04
RW - 2	03/12/15	3498.99	-	27.07	0.00	3471.92
RW - 2	03/16/15	3498.99	-	27.03	0.00	3471.96
RW - 2	03/25/15	3498.99	-	26.95	0.00	3472.04
RW - 2	03/31/15	3498.99	-	26.92	0.00	3472.07
RW - 2	04/03/15	3498.99	-	26.93	0.00	3472.06
RW - 2	04/06/15	3498.99	-	26.68	0.00	3472.31
RW - 2	04/09/15	3498.99	-	26.86	0.00	3472.13
RW - 2	04/13/15	3498.99	-	26.81	0.00	3472.18
RW - 2	04/16/15	3498.99	-	26.73	0.00	3472.26
RW - 2	04/22/15	3498.99	-	26.67	0.00	3472.32
RW - 2	04/24/15	3498.99	-	26.61	0.00	3472.38
RW - 2	05/01/15	3498.99	-	25.93	0.00	3473.06
RW - 2	05/11/15	3498.99	-	26.74	0.00	3472.25
RW - 2	05/14/15	3498.99	-	26.64	0.00	3472.35
RW - 2	05/21/15	3498.99	-	26.62	0.00	3472.37
RW - 2	05/29/15	3498.99	-	26.56	0.00	3472.43
RW - 2	06/03/15	3498.99	-	26.52	0.00	3472.47
RW - 2	06/04/15	3498.99	-	26.62	0.00	3472.37
RW - 2	06/09/15	3498.99	-	26.58	0.00	3472.41
RW - 2	06/17/15	3498.99	26.60	26.61	0.01	3472.39
RW - 2	06/18/15	3498.99	-	26.69	0.00	3472.30
RW - 2	06/23/15	3498.99	-	26.69	0.00	3472.30
RW - 2	06/29/15	3498.99	-	26.72	0.00	3472.27
RW - 2	07/01/15	3498.99	-	26.73	0.00	3472.26
RW - 2	07/07/15	3498.99	-	26.85	0.00	3472.14
RW - 2	07/09/15	3498.99	-	26.73	0.00	3472.26
RW - 2	07/13/15	3498.99	-	26.72	0.00	3472.27
RW - 2	07/15/15	3498.99	-	26.77	0.00	3472.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	07/20/15	3498.99	-	26.85	0.00	3472.14
RW - 2	07/21/15	3498.99	-	26.91	0.00	3472.08
RW - 2	07/28/15	3498.99	-	26.97	0.00	3472.02
RW - 2	07/30/15	3498.99	-	27.01	0.00	3471.98
RW - 2	08/03/15	3498.99	-	27.01	0.00	3471.98
RW - 2	08/04/15	3498.99	-	27.00	0.00	3471.99
RW - 2	08/07/15	3498.99	-	27.08	0.00	3471.91
RW - 2	08/11/15	3498.99	-	27.08	0.00	3471.91
RW - 2	08/12/15	3498.99	-	27.07	0.00	3471.92
RW - 2	08/18/15	3498.99	-	27.01	0.00	3471.98
RW - 2	08/20/15	3498.99	-	27.15	0.00	3471.84
RW - 2	08/25/15	3498.99	-	27.20	0.00	3471.79
RW - 2	08/26/15	3498.99	-	27.13	0.00	3471.86
RW - 2	08/31/15	3498.99	-	27.09	0.00	3471.90
RW - 2	09/02/15	3498.99	-	27.09	0.00	3471.90
RW - 2	10/22/15	3498.99	-	26.98	0.00	3472.01
RW - 2	10/27/15	3498.99	-	26.96	0.00	3472.03
RW - 2	11/05/15	3498.99	-	26.89	0.00	3472.10
RW - 2	11/11/15	3498.99	-	26.87	0.00	3472.12
RW - 2	11/17/15	3498.99	-	26.81	0.00	3472.18
RW - 2	12/01/15	3498.99	-	26.82	0.00	3472.17
RW - 2	12/03/15	3498.99	-	26.65	0.00	3472.34
RW - 2	12/09/15	3498.99	-	26.61	0.00	3472.38
RW - 2	01/06/16	3498.99	-	26.67	0.00	3472.32
RW - 2	01/11/16	3498.99	-	26.76	0.00	3472.23
RW - 2	01/13/16	3498.99	-	26.62	0.00	3472.37
RW - 2	01/15/16	3498.99	-	26.54	0.00	3472.45
RW - 2	01/27/16	3498.99	-	26.65	0.00	3472.34
RW - 2	01/29/16	3498.99	-	26.44	0.00	3472.55
RW - 2	02/02/16	3498.99	-	26.48	0.00	3472.51
RW - 2	02/04/16	3498.99	-	26.49	0.00	3472.50
RW - 2	02/10/16	3498.99	-	26.55	0.00	3472.44
RW - 2	02/17/16	3498.99	-	26.42	0.00	3472.57
RW - 2	02/19/16	3498.99	-	26.54	0.00	3472.45
RW - 2	03/03/16	3498.99	26.49	26.51	0.02	3472.50
RW - 2	03/10/16	3498.99	26.40	26.46	0.06	3472.58
RW - 2	03/11/16	3498.99	-	26.42	0.00	3472.57
RW - 2	03/14/16	3498.99	-	26.51	0.00	3472.48
RW - 2	03/16/16	3498.99	-	26.52	0.00	3472.47
RW - 2	03/21/16	3498.99	-	26.43	0.00	3472.56
RW - 2	03/29/16	3498.99	-	26.46	0.00	3472.53
RW - 2	04/12/16	3498.99	-	26.35	0.00	3472.64
RW - 2	04/15/16	3498.99	-	26.16	0.00	3472.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	04/19/16	3498.99	-	26.26	0.00	3472.73
RW - 2	04/29/16	3498.99	-	26.26	0.00	3472.73
RW - 2	05/04/16	3498.99	-	26.24	0.00	3472.75
RW - 2	05/13/16	3498.99	-	26.54	0.00	3472.45
RW - 2	05/18/16	3498.99	-	26.32	0.00	3472.67
RW - 2	05/25/16	3498.99	-	26.37	0.00	3472.62
RW - 2	06/02/16	3498.99	-	26.60	0.00	3472.39
RW - 2	06/06/16	3498.99	-	26.59	0.00	3472.40
RW - 2	06/28/16	3498.99	-	26.89	0.00	3472.10
RW - 2	07/05/16	3498.99	-	26.96	0.00	3472.03
RW - 2	07/14/16	3498.99	-	27.11	0.00	3471.88
RW - 2	07/21/16	3498.99	-	27.39	0.00	3471.60
RW - 2	07/25/16	3498.99	-	27.40	0.00	3471.59
RW - 2	08/01/16	3498.99	-	27.52	0.00	3471.47
RW - 2	08/09/16	3498.99	-	27.66	0.00	3471.33
RW - 2	08/15/16	3498.99	-	27.64	0.00	3471.35
RW - 2	08/18/16	3498.99	-	27.59	0.00	3471.40
RW - 2	08/22/16	3498.99	-	27.46	0.00	3471.53
RW - 2	08/31/16	3498.99	-	27.16	0.00	3471.83
RW - 2	09/06/16	3498.99	-	26.97	0.00	3472.02
RW - 2	09/12/16	3498.99	-	26.55	0.00	3472.44
RW - 2	09/19/16	3498.99	-	26.35	0.00	3472.64
RW - 2	09/26/16	3498.99	-	26.12	0.00	3472.87
RW - 2	10/06/16	3498.99	-	25.85	0.00	3473.14
RW - 2	10/17/16	3498.99	-	25.61	0.00	3473.38
RW - 2	10/25/16	3498.99	-	25.62	0.00	3473.37
RW - 2	11/03/16	3498.99	-	25.72	0.00	3473.27
RW - 2	11/08/16	3498.99	-	25.66	0.00	3473.33
RW - 2	11/15/16	3498.99	-	25.55	0.00	3473.44
RW - 2	11/22/16	3498.99	-	25.50	0.00	3473.49
RW - 2	12/05/16	3498.99	-	25.49	0.00	3473.50
RW - 2	12/13/16	3498.99	-	25.52	0.00	3473.47
RW - 2	12/22/16	3498.99	-	22.56	0.00	3476.43
RW - 2	12/27/16	3498.99	-	25.61	0.00	3473.38
RW - 2	01/04/17	3498.99	-	25.51	0.00	3473.48
RW - 2	01/13/17	3498.99	-	25.72	0.00	3473.27
RW - 2	01/17/17	3498.99	-	25.65	0.00	3473.34
RW - 2	01/24/17	3498.99	-	25.52	0.00	3473.47
RW - 2	01/31/17	3498.99	-	25.55	0.00	3473.44
RW - 2	02/07/17	3498.99	-	25.61	0.00	3473.38
RW - 2	02/16/17	3498.99	-	25.49	0.00	3473.50
RW - 2	02/20/17	3498.99	-	25.48	0.00	3473.51
RW - 2	03/01/17	3498.99	-	25.50	0.00	3473.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	03/06/17	3498.99	-	25.57	0.00	3473.42
RW - 2	03/14/17	3498.99	-	25.65	0.00	3473.34
RW - 2	03/24/17	3498.99	-	25.05	0.00	3473.94
RW - 2	03/30/17	3498.99	-	25.54	0.00	3473.45
RW - 2	04/04/17	3498.99	-	25.59	0.00	3473.40
RW - 2	04/13/17	3498.99	-	25.36	0.00	3473.63
RW - 2	04/19/17	3498.99	-	25.31	0.00	3473.68
RW - 2	04/28/17	3498.99	-	25.23	0.00	3473.76
RW - 2	05/01/17	3498.99	-	25.36	0.00	3473.63
RW - 2	05/11/17	3498.99	-	25.26	0.00	3473.73
RW - 2	05/18/17	3498.99	-	25.31	0.00	3473.68
RW - 2	05/23/17	3498.99	-	25.36	0.00	3473.63
RW - 2	06/06/17	3498.99	-	25.36	0.00	3473.63
RW - 2	06/12/17	3498.99	-	25.43	0.00	3473.56
RW - 2	06/23/17	3498.99	25.60	25.70	0.10	3473.38
RW - 2	07/03/17	3498.99	-	25.43	0.00	3473.56
RW - 2	07/14/17	3498.99	-	26.13	0.00	3472.86
RW - 2	07/19/17	3498.99	-	26.24	0.00	3472.75
RW - 2	07/25/17	3498.99	-	25.93	0.00	3473.06
RW - 2	08/14/17	3498.99	-	25.76	0.00	3473.23
RW - 2	08/21/17	3498.99	-	25.78	0.00	3473.21
RW - 2	08/30/17	3498.99	-	25.74	0.00	3473.25
RW - 2	09/06/17	3498.99	-	25.50	0.00	3473.49
RW - 2	09/12/17	3498.99	-	25.57	0.00	3473.42
RW - 2	09/27/17	3498.99	-	25.75	0.00	3473.24
RW - 2	10/04/17	3498.99	-	25.63	0.00	3473.36
RW - 2	10/11/17	3498.99	-	25.51	0.00	3473.48
RW - 2	10/17/17	3498.99	-	25.45	0.00	3473.54
RW - 2	10/23/17	3498.99	-	25.41	0.00	3473.58
RW - 2	10/30/17	3498.99	-	25.48	0.00	3473.51
RW - 2	11/10/17	3498.99	-	25.50	0.00	3473.49
RW - 2	11/15/17	3498.99	-	25.55	0.00	3473.44
RW - 2	12/04/17	3498.99	-	25.40	0.00	3473.59
RW - 2	12/22/17	3498.99	-	25.48	0.00	3473.51
RW - 2	12/29/17	3498.99	-	25.46	0.00	3473.53
RW - 2	01/02/18	3498.99	-	25.42	0.00	3473.57
RW - 2	01/12/18	3498.99	-	25.41	0.00	3473.58
RW - 2	01/17/18	3498.99	-	25.39	0.00	3473.60
RW - 2	01/23/18	3498.99	-	25.41	0.00	3473.58
RW - 2	01/29/18	3498.99	-	25.51	0.00	3473.48
RW - 2	02/05/18	3498.99	-	25.27	0.00	3473.72
RW - 2	02/14/18	3498.99	-	25.32	0.00	3473.67
RW - 2	02/19/18	3498.99	-	25.21	0.00	3473.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	03/02/18	3498.99	-	25.58	0.00	3473.41
RW - 2	03/13/18	3498.99	-	25.62	0.00	3473.37
RW - 2	03/23/18	3498.99	-	25.31	0.00	3473.68
RW - 2	03/28/18	3498.99	-	25.40	0.00	3473.59
RW - 2	04/05/18	3498.99	-	25.28	0.00	3473.71
RW - 2	04/13/18	3498.99	-	25.38	0.00	3473.61
RW - 2	04/27/18	3498.99	-	25.47	0.00	3473.52
RW - 2	05/04/18	3498.99	-	25.54	0.00	3473.45
RW - 2	05/11/18	3498.99	-	25.46	0.00	3473.53
RW - 2	05/16/18	3498.99	-	25.54	0.00	3473.45
RW - 2	05/25/18	3498.99	25.82	25.86	0.04	3473.16
RW - 2	06/01/18	3498.99	-	25.95	0.00	3473.04
RW - 2	06/05/18	3498.99	-	26.07	0.00	3472.92
RW - 2	06/15/18	3498.99	-	25.87	0.00	3473.12
RW - 2	06/19/18	3498.99	-	25.93	0.00	3473.06
RW - 2	06/26/18	3498.99	-	26.25	0.00	3472.74
RW - 2	06/29/18	3498.99	-	26.07	0.00	3472.92
RW - 2	07/02/18	3498.99	-	26.18	0.00	3472.81
RW - 2	07/10/18	3498.99	-	26.40	0.00	3472.59
RW - 2	07/16/18	3498.99	-	26.23	0.00	3472.76
RW - 2	08/10/18	3498.99	-	26.74	0.00	3472.25
RW - 2	08/14/18	3498.99	-	26.66	0.00	3472.33
RW - 2	09/10/18	3498.99	-	26.54	0.00	3472.45
RW - 2	08/23/18	3498.99	-	26.73	0.00	3472.26
RW - 2	08/31/18	3498.99	-	26.95	0.00	3472.04
RW - 2	09/05/18	3498.99	-	26.77	0.00	3472.22
RW - 2	09/10/18	3498.99	-	26.54	0.00	3472.45
RW - 2	09/21/18	3498.99	-	26.53	0.00	3472.46
RW - 2	09/26/18	3498.99	26.52	26.53	0.01	3472.47
RW - 2	09/27/18	3498.99	26.52	26.53	0.01	3472.47
RW - 2	10/05/18	3498.99	-	26.42	0.00	3472.57
RW - 2	10/08/18	3498.99	-	26.86	0.00	3472.13
RW - 2	10/11/18	3498.99	-	26.57	0.00	3472.42
RW - 2	10/15/18	3498.99	-	26.42	0.00	3472.57
RW - 2	10/19/18	3498.99	-	26.38	0.00	3472.61
RW - 2	10/26/18	3498.99	-	26.65	0.00	3472.34
RW - 2	11/01/18	3498.99	-	26.32	0.00	3472.67
RW - 2	11/06/18	3498.99	-	26.45	0.00	3472.54
RW - 2	11/13/18	3498.99	-	26.41	0.00	3472.58
RW - 2	11/21/18	3498.99	-	26.41	0.00	3472.58
RW - 2	11/29/18	3498.99	-	26.11	0.00	3472.88
RW - 2	12/07/18	3498.99	-	26.25	0.00	3472.74
RW - 2	12/14/18	3498.99	-	26.40	0.00	3472.59

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	12/20/18	3498.99	-	26.08	0.00	3472.91
RW - 2	12/28/18	3498.99	-	26.33	0.00	3472.66
RW - 2	11/02/18	3498.99	-	26.32	0.00	3472.67
RW - 2	01/03/19	3498.99	-	26.22	0.00	3472.77
RW - 2	01/11/19	3498.99	-	25.96	0.00	3473.03
RW - 2	01/15/19	3498.99	-	26.08	0.00	3472.91
RW - 2	01/23/19	3498.99	-	25.99	0.00	3473.00
RW - 2	01/29/19	3498.99	-	25.96	0.00	3473.03
RW - 2	02/07/19	3498.99	-	25.97	0.00	3473.02
RW - 2	02/14/19	3498.99	-	26.01	0.00	3472.98
RW - 2	03/05/19	3498.99	-	26.21	0.00	3472.78
RW - 2	03/11/19	3498.99	-	26.21	0.00	3472.78
RW - 2	03/27/19	3498.99	-	25.93	0.00	3473.06
RW - 2	03/29/19	3498.99	-	26.01	0.00	3472.98
RW - 2	04/02/19	3498.99	-	25.79	0.00	3473.20
RW - 2	04/12/19	3498.99	-	25.96	0.00	3473.03
RW - 2	04/18/19	3498.99	-	25.88	0.00	3473.11
RW - 2	04/25/19	3498.99	-	25.98	0.00	3473.01
RW - 2	05/02/19	3498.99	-	25.85	0.00	3473.14
RW - 2	05/14/19	3498.99	-	25.70	0.00	3473.29
RW - 2	05/20/19	3498.99	-	25.62	0.00	3473.37
RW - 2	05/27/19	3498.99	-	25.90	0.00	3473.09
RW - 2	06/06/19	3498.99	-	26.21	0.00	3472.78
RW - 2	06/07/19	3498.99	-	26.21	0.00	3472.78
RW - 2	06/13/19	3498.99	-	25.91	0.00	3473.08
RW - 2	06/19/19	3498.99	-	26.11	0.00	3472.88
RW - 2	06/27/19	3498.99	-	26.47	0.00	3472.52
RW - 2	07/01/19	3498.99	-	26.46	0.00	3472.53
RW - 2	07/09/19	3498.99	-	26.54	0.00	3472.45
RW - 2	07/17/19	3498.99	-	26.36	0.00	3472.63
RW - 2	07/19/19	3498.99	-	26.33	0.00	3472.66
RW - 2	07/23/19	3498.99	-	26.51	0.00	3472.48
RW - 2	08/06/19	3498.99	-	26.62	0.00	3472.37
RW - 2	08/22/19	3498.99	-	26.79	0.00	3472.20
RW - 2	08/30/19	3498.99	-	26.87	0.00	3472.12
RW - 2	09/10/19	3498.99	-	26.84	0.00	3472.15
RW - 2	09/20/19	3498.99	-	26.87	0.00	3472.12
RW - 2	10/04/19	3498.99	-	26.60	0.00	3472.39
RW - 2	10/09/19	3498.99	-	26.48	0.00	3472.51
RW - 2	10/16/19	3498.99	-	26.60	0.00	3472.39
RW - 2	10/23/19	3498.99	-	26.48	0.00	3472.51
RW - 2	11/04/19	3498.99	-	26.46	0.00	3472.53
RW - 2	12/04/19	3498.99	-	26.15	0.00	3472.84

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE AP-13

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	12/16/19	3498.99	-	26.23	0.00	3472.76
RW - 2	12/30/19	3498.99	-	26.21	0.00	3472.78
RW - 2	01/14/20	3498.99	-	26.17	0.00	3472.82
RW - 2	01/23/20	3498.99	-	26.00	0.00	3472.99
RW - 2	01/30/20	3498.99	-	25.93	0.00	3473.06
RW - 2	02/03/20	3498.99	-	25.83	0.00	3473.16
RW - 2	02/13/20	3498.99	-	25.87	0.00	3473.12
RW - 2	05/15/20	3498.99	-	25.55	0.00	3473.44
RW - 2	06/19/20	3498.99	-	26.13	0.00	3472.86
RW - 2	06/25/20	3498.99	-	26.16	0.00	3472.83
RW - 2	07/28/20	3498.99	-	26.66	0.00	3472.33
RW - 2	08/10/20	3498.99	-	26.62	0.00	3472.37
RW - 2	08/19/20	3498.99	-	26.76	0.00	3472.23
RW - 2	09/11/20	3498.99	-	26.95	0.00	3472.04
RW - 2	09/29/20	3498.99	-	27.05	0.00	3471.94
RW - 2	10/13/20	3498.99	26.96	27.00	0.04	3472.02
RW - 2	10/30/20	3498.99	-	27.01	0.00	3471.98
RW - 2	11/11/20	3498.99	-	26.96	0.00	3472.03
RW - 2	12/14/20	3498.99	-	26.92	0.00	3472.07
RW - 2	12/30/20	3498.99	-	26.97	0.00	3472.02
RW - 2	01/15/21	3498.99	-	27.00	0.00	3471.99
RW - 2	01/21/21	3498.99	-	26.90	0.00	3472.09
RW - 2	02/23/21	3498.99	-	26.97	0.00	3472.02
RW - 2	03/05/21	3498.99	-	27.05	0.00	3471.94
RW - 2	03/18/21	3498.99	-	27.04	0.00	3471.95
RW - 2	04/16/21	3498.99	-	27.00	0.00	3471.99
RW - 2	05/27/21	3498.99	27.04	27.06	0.02	3471.95
RW - 2	07/26/21	3498.99		27.25	0.00	3471.74
RW - 2	07/27/21	3498.99		27.25	0.00	3471.74
RW - 2	09/29/21	3498.99	27.46	27.48	0.02	3471.53
RW - 2	10/13/21	3498.99		27.45	0.00	3471.54
RW - 2	11/24/21	3498.99		27.42	0.00	3471.57
RW - 2	12/02/21	3498.99		27.34	0.00	3471.65

Elevation based on the North American Vertical Datum of 1929.

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE	SAMPLE	SW 846-8012B, 5030			
MW - 1	03/01/12	Not Sampled on Current Sample Schedule			
MW - 1	05/23/12	Not Sampled on Current Sample Schedule			
MW - 1	08/09/12	Not Sampled on Current Sample Schedule			
MW - 1	11/20/12	<0.001	<0.001	<0.001	<0.001
MW - 1	02/12/13	Not Sampled on Current Sample Schedule			
MW - 1	05/15/13	Not Sampled on Current Sample Schedule			
MW - 1	08/07/13	Not Sampled on Current Sample Schedule			
MW - 1	11/26/13	<0.001	<0.001	<0.001	<0.00300
MW - 1	02/10/14	Not Sampled on Current Sample Schedule			
MW - 1	05/22/14	Not Sampled on Current Sample Schedule			
MW - 1	08/13/14	Not Sampled on Current Sample Schedule			
MW - 1	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	02/17/15	Not Sampled on Current Sample Schedule			
MW - 1	05/14/15	Not Sampled on Current Sample Schedule			
MW - 1	08/04/15	Not Sampled on Current Sample Schedule			
MW - 1	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	02/10/16	Not Sampled on Current Sample Schedule			
MW - 1	05/25/16	Not Sampled on Current Sample Schedule			
MW - 1	08/19/16	Not Sampled on Current Sample Schedule			
MW - 1	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200
MW - 1	02/28/17	Not Sampled on Current Sample Schedule			
MW - 1	05/18/17	Not Sampled on Current Sample Schedule			
MW - 1	08/15/17	Not Sampled on Current Sample Schedule			
MW - 1	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	02/19/18	Not Sampled on Current Sample Schedule			
MW - 1	05/16/18	Not Sampled on Current Sample Schedule			
MW - 1	08/14/18	Not Sampled on Current Sample Schedule			
MW - 1	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 1	03/04/19	Not Sampled on Current Sample Schedule			
MW - 1	05/13/19	Not Sampled on Current Sample Schedule			
MW - 1	09/10/19	Not Sampled on Current Sample Schedule			
MW - 1	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	02/13/20	Not Sampled on Current Sample Schedule			
MW - 1	06/24/20	Not Sampled on Current Sample Schedule			
MW - 1	08/18/20	Not Sampled on Current Sample Schedule			
MW - 1	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	03/17/21	Not Sampled on Current Sample Schedule			
MW - 1	05/27/21	Not Sampled on Current Sample Schedule			
MW - 1	09/28/21	Not Sampled on Current Sample Schedule			
MW - 1	12/02/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	03/01/12	0.1730	<0.005	0.0844	0.1440
MW - 2	05/23/12	0.0728	<0.001	0.0183	0.0225
MW - 2	08/09/12	0.1940	<0.05	<0.05	0.0520
MW - 2	11/20/12	0.144	<0.01	<0.01	<0.01

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE	SAMPLE	SW 846-8012B, 5030			
MW - 2	02/12/13	0.0744	<0.01	<0.01	<0.01
MW - 2	05/15/13	0.193	<0.0500	<0.0500	<0.0500
MW - 2	08/07/13	0.112	<0.00100	0.0068	0.0174
MW - 2	11/26/13	0.0299	<0.00100	0.0025	0.0084
MW - 2	02/10/14	0.108	<0.0500	<0.0500	<0.150
MW - 2	05/22/14	0.140	<0.00100	0.00260	0.0241
MW - 2	08/13/14	0.04780	<0.00100	<0.00100	0.0092
MW - 2	11/05/14	0.0104	<0.00100	0.00100	0.0040
MW - 2	02/17/15	0.294	<0.00100	<0.00100	0.0191
MW - 2	05/14/15	0.235	0.00240	<0.00100	0.0141
MW - 2	08/04/15	0.141	<0.00100	<0.00100	<0.00100
MW - 2	11/17/15	0.417	<0.0500	<0.0500	<0.0500
MW - 2	02/10/16	0.316	<0.0500	<0.0500	<0.0500
MW - 2	05/25/16	0.231	<0.0500	<0.0500	<0.0500
MW - 2	08/19/16	0.230	<0.0500	<0.0500	<0.0500
MW - 2	11/22/16	0.0478	<0.00200	<0.00200	0.00731
MW - 2	02/28/17	0.118	<0.0400	<0.0400	<0.0400
MW - 2	05/18/17	0.226	<0.00200	<0.00200	0.00440
MW - 2	08/15/17	0.294	0.00355	0.00645	0.00493
MW - 2	11/15/17	0.168	0.00184	0.00166	0.00504
MW - 2	02/19/18	0.139	0.00281	<0.00200	0.00568
MW - 2	05/16/18	0.138	<0.00200	<0.00200	<0.00400
MW - 2	08/14/18	0.224	<0.0100	<0.00500	<0.0200
MW - 2	11/29/18	0.0664	<0.0100	<0.00500	<0.0200
MW - 2	03/05/19	0.0806	0.00169	0.00191	0.00487
MW - 2	05/14/19	0.0640	<0.00500	<0.00500	<0.0100
MW - 2	09/10/19	0.103	<0.00100	<0.00100	<0.00200
MW - 2	12/04/19	0.00168	0.00118	0.00136	0.00335
MW - 2	02/12/20	0.0328	<0.00100	0.00168	0.00453
MW - 2	06/25/20	0.0776	0.00230	0.00167	0.00550
MW - 2	08/19/20	0.110	0.00275	0.00191	0.00779
MW - 2	11/11/20	0.0578	<0.00100	<0.00100	<0.00200
MW - 2	03/17/21	0.0115	0.00165	<0.00100	0.00283
MW - 2	05/27/21	0.0889	0.0235	0.00433	0.0459
MW - 2	09/29/21	0.0220	0.0249	0.0348	0.1360
MW - 2	12/02/21	0.0205	<0.00100	<0.00100	<0.00200
MW - 4	03/01/12	1.3100	<0.100	<0.100	<0.100
MW - 4	05/23/12	0.7070	<0.050	<0.050	0.0622
MW - 4	08/09/12	0.0198	<0.001	0.0026	0.0049
MW - 4	11/20/12	0.938	<0.01	0.0437	0.1870
MW - 4	02/12/13	0.670	<0.00500	0.0434	0.108
MW - 4	05/15/13	0.894	<0.0500	0.0583	0.148
MW - 4	08/07/13	0.792	<0.0500	0.0360	0.109
MW - 4	11/26/13	0.564	<0.0500	<0.0500	0.0981

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE	SAMPLE	SW 846-8012B, 5030			
MW - 4	02/10/14	1.47	<0.0500	<0.0500	0.229
MW - 4	05/22/14	1.17	<0.0500	<0.0500	0.183
MW - 4	08/13/14	0.882	<0.0500	<0.0500	0.194
MW - 4	11/05/14	2.46	<0.0500	<0.0500	0.133
MW - 4	02/17/15	2.19	<0.100	<0.100	0.282
MW - 4	05/14/15	1.15	<0.100	<0.100	<0.100
MW - 4	08/04/15	2.27	<0.100	<0.100	0.191
MW - 4	11/17/15	2.47	<0.0500	0.0936	0.285
MW - 4	02/10/16	2.48	<0.0500	<0.0500	0.293
MW - 4	05/25/16	1.30	<0.0500	<0.0500	0.162
MW - 4	08/19/16	1.15	<0.0500	<0.0500	0.0583
MW - 4	11/22/16	4.08	<0.0500	0.0588	0.174
MW - 4	03/01/17	2.76	<0.0750	0.154	0.364
MW - 4	05/18/17	8.95	0.0591	0.0847	0.263
MW - 4	08/15/17	2.79	<0.0200	0.0531	0.306
MW - 4	11/16/17	0.960	0.00222	0.0135	0.07095
MW - 4	02/19/18	1.61	0.0545	0.0372	0.2301
MW - 4	05/16/18	1.75	0.00617	0.0261	0.115
MW - 4	08/14/18	1.31	<0.0100	0.0137	0.117
MW - 4	11/29/18	1.83	<0.0500	0.0597	<0.100
MW - 4	03/05/19	1.75	0.0207	0.00690	0.1181
MW - 4	05/14/19	1.75	<0.0100	0.0263	0.244
MW - 4	09/11/19	1.55	0.00974	0.0483	0.16268
MW - 4	12/04/19	2.84	0.00696	0.0174	0.16799
MW - 4	02/13/20	2.20	0.0613	0.0680	0.579
MW - 4	06/25/20	1.62	0.0379	0.0346	0.287
MW - 4	08/19/20	2.20	0.0332	0.0360	0.3165
MW - 4	11/11/20	1.40	0.0127	<0.0100	0.202
MW - 4	03/18/21	1.42	0.0251	0.0294	0.2204
MW - 4	05/27/21	2.58	0.0168	0.0180	0.144
MW - 4	09/29/21	2.03	0.0521	0.0554	0.503
MW - 4	12/02/21	3.59	0.00761	0.0242	0.08964
MW - 6	03/01/12	0.1310	<0.005	<0.005	<0.005
MW - 6	05/23/12	0.1150	<0.001	0.0064	0.0121
MW - 6	08/09/12	0.1480	<0.05	<0.05	<0.05
MW - 6	11/20/12	0.112	<0.005	<0.005	<0.005
MW - 6	02/12/13	0.127	<0.00500	0.0159	<0.00500
MW - 6	05/15/13	0.100	<0.0500	<0.0500	<0.0500
MW - 6	08/07/13	0.119	<0.00100	0.0047	0.0152
MW - 6	11/26/13	0.0892	<0.0500	<0.0500	<0.150
MW - 6	02/10/14	0.0768	<0.0500	<0.0500	<0.150
MW - 6	05/22/14	Not Sampled Due to PSH in Well			
MW - 6	08/13/14	Not Sampled Due to PSH in Well			
MW - 6	11/05/14	Not Sampled Due to PSH in Well			

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE	SAMPLE	SW 846-8012B, 5030			
MW - 6	02/17/15	0.117	<0.0500	0.143	0.0876
MW - 6	05/14/15	0.0794	<0.0500	<0.0500	<0.0500
MW - 6	08/04/15	0.0780	<0.0500	<0.0500	<0.0500
MW - 6	11/17/15	0.140	<0.0500	<0.0500	<0.0500
MW - 6	02/10/16	0.0493	<0.00100	0.0207	0.0286
MW - 6	05/25/16	0.0557	<0.00100	0.00910	0.0239
MW - 6	08/19/16	0.0605	<0.0500	<0.0500	<0.0500
MW - 6	11/22/16	0.0332	0.00265	0.00528	0.0318
MW - 6	02/28/17	0.0202	<0.00200	<0.00200	0.02900
MW - 6	05/18/17	0.0374	0.00923	<0.00200	0.0578
MW - 6	08/15/17	0.0704	0.00878	0.00387	0.0284
MW - 6	11/16/17	0.0364	0.00259	0.00572	0.02291
MW - 6	02/20/18	0.0361	0.0132	0.00416	0.02031
MW - 6	05/16/18	0.0362	0.00319	<0.00200	0.0288
MW - 6	08/14/18	0.0610	<0.0100	<0.00500	0.0120
MW - 6	11/29/18	0.0274	<0.0500	<0.0250	<0.100
MW - 6	03/04/19	0.00313	0.00120	0.00309	0.01670
MW - 6	05/14/19	0.0136	0.00468	0.00655	0.0306
MW - 6	09/10/19	0.0280	0.00485	0.00806	0.0454
MW - 6	12/04/19	0.0189	0.0112	0.0153	0.0889
MW - 6	02/12/20	0.0210	0.0168	0.0214	0.1364
MW - 6	06/25/20	0.0697	0.0485	0.0511	0.341
MW - 6	08/19/20	0.0792	0.0470	0.0499	0.2326
MW - 6	11/11/20	0.0248	0.00198	<0.00100	0.00234
MW - 6	03/18/21	0.0219	0.0366	0.0317	0.2030
MW - 6	05/27/21	0.0248	0.0121	0.00643	0.04356
MW - 6	09/29/21	0.0600	0.0216	0.0218	0.1371
MW - 6	12/02/21	0.0110	0.00123	<0.00100	<0.00200
MW - 24	03/01/12	1.1600	<0.020	<0.020	<0.020
MW - 24	05/23/12	3.5900	<0.050	0.3570	0.1160
MW - 24	08/09/12	0.0626	<0.001	0.0071	0.0033
MW - 24	11/20/12	3.35	<0.01	0.375	0.1310
MW - 24	02/12/13	3.66	<0.0100	0.462	0.1590
MW - 24	05/15/13	4.00	<0.0500	0.502	0.152
MW - 24	08/07/13	0.393	<0.0200	0.0487	0.0362
MW - 24	11/26/13	4.14	<0.0500	0.997	0.291
MW - 24	02/10/14	4.20	<0.0500	0.530	<0.150
MW - 24	05/22/14	3.95	<0.0500	0.480	<0.150
MW - 24	08/13/14	4.69	<0.0500	0.750	0.198
MW - 24	11/05/14	4.30	<0.0500	0.801	0.186
MW - 24	02/17/15	4.13	<0.0500	0.770	0.189
MW - 24	05/14/15	5.33	<0.0500	1.07	0.232
MW - 24	08/04/15	5.31	<0.0500	1.00	0.225
MW - 24	11/17/15	5.15	<0.100	1.25	0.309

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE	SAMPLE	SW 846-8012B, 5030			
MW - 24	02/10/16	5.16	<0.100	1.52	0.286
MW - 24	05/25/16	5.19	<0.100	1.06	0.213
MW - 24	08/18/16	5.39	<0.0500	1.04	0.218
MW - 24	11/22/16	5.94	<0.0500	1.25	0.328
MW - 24	03/01/17	9.73	<0.150	2.36	0.687
MW - 24	05/18/17	12.0	0.132	3.28	0.588
MW - 24	08/15/17	10.4	<0.200	2.38	0.507
MW - 24	11/15/17	3.40	0.00218	0.241	0.08374
MW - 24	02/19/18	3.41	<0.00200	0.0935	0.02608
MW - 24	05/16/18	8.19	0.0218	1.50	0.2730
MW - 24	08/14/18	3.86	<0.0100	1.20	0.2600
MW - 24	11/29/18	7.13	<0.0100	0.178	0.1006
MW - 24	03/05/19	2.52	0.00705	0.756	0.2723
MW - 24	05/14/19	4.02	<0.0200	1.05	0.322
MW - 24	09/11/19	5.20	0.00488	0.783	0.2076
MW - 24	12/04/19	4.07	0.00398	1.27	0.2500
MW - 24	02/13/20	5.89	0.00661	1.12	0.46381
MW - 24	06/25/20	4.69	0.0368	1.10	0.531
MW - 24	08/19/20	3.84	0.0209	1.14	0.4753
MW - 24	11/11/20	2.40	0.0147	1.00	0.330
MW - 24	03/18/21	5.18	0.0125	0.743	0.473
MW - 24	05/28/21	6.13	0.0108	0.368	0.27242
MW - 24	09/29/21	5.73	0.0102	0.650	0.48419
MW - 24	12/01/21	5.93	0.0107	0.756	0.2938
MW - 24	12/02/21	5.88	0.00524	0.835	0.2272
RW - 2	03/01/12	0.9620	<0.100	<0.100	<0.100
RW - 2	05/23/12	1.0700	<0.050	0.3370	0.1150
RW - 2	08/09/12	0.0135	<0.001	0.0047	0.0022
RW - 2	11/20/12	0.335	<0.01	0.1240	0.0436
RW - 2	02/12/13	0.132	<0.00500	<0.00500	<0.00500
RW - 2	05/15/13	0.179	<0.0500	<0.0500	<0.0500
RW - 2	08/07/13	0.836	<0.0100	0.2830	0.0835
RW - 2	11/26/13	0.245	0.0013	0.1070	0.0390
RW - 2	02/10/14	0.856	<0.0500	0.319	<0.150
RW - 2	05/22/14	Not Sampled Due to PSH in Well			
RW - 2	08/13/14	Not Sampled Due to PSH in Well			
RW - 2	11/05/14	0.113	<0.0500	0.106	<0.0500
RW - 2	02/17/15	0.156	<0.0500	0.101	<0.0500
RW - 2	05/14/15	0.0838	<0.0500	0.0603	<0.0500
RW - 2	08/04/15	0.356	<0.0500	0.140	0.0718
RW - 2	11/17/15	0.580	<0.0500	0.241	0.131
RW - 2	02/10/16	0.576	<0.0500	0.287	0.253
RW - 2	05/25/16	0.734	<0.0500	0.456	0.135
RW - 2	08/19/16	0.445	<0.0500	0.0879	<0.0500

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE	SAMPLE	SW 846-8012B, 5030			
RW - 2	11/22/16	0.659	<0.0100	0.410	0.138
RW - 2	03/01/17	0.433	0.206	0.406	1.01
RW - 2	05/18/17	0.336	<0.00200	0.0812	0.0712
RW - 2	08/15/17	0.972	<0.0100	0.258	0.0937
RW - 2	11/16/17	0.399	0.00253	0.159	0.07518
RW - 2	02/19/18	0.374	0.0254	0.147	0.1114
RW - 2	05/16/18	0.121	0.00262	0.0173	0.0123
RW - 2	08/14/18	0.397	<0.0100	0.121	0.1000
RW - 2	11/29/18	0.650	<0.0100	0.350	0.131
RW - 2	03/05/19	0.0992	0.00253	0.0608	0.04073
RW - 2	05/14/19	0.135	<0.00500	0.0475	0.03255
RW - 2	09/10/19	0.155	<0.00100	0.0438	0.02768
RW - 2	12/04/19	0.0665	0.00282	0.0322	0.0354
RW - 2	02/13/20	0.0865	0.0167	0.0632	0.1459
RW - 2	06/25/20	0.155	0.0141	0.0808	0.1422
RW - 2	08/19/20	0.245	0.0100	0.0693	0.0901
RW - 2	11/11/20	0.372	0.00397	0.0268	0.0162
RW - 2	03/18/21	0.218	0.0175	0.0426	0.1278
RW - 2	05/27/21	Not Sampled Due to PSH in Well			
RW - 2	09/29/21	Not Sampled Due to PSH in Well			
RW - 2	12/02/21	0.00622	<0.00100	<0.00100	<0.00200

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

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	Dibenzo[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	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-1	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-1	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/21/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	12/03/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/13/08	<0.00917	<0.00917	0.0389	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	0.0256	<0.00917	0.0385	<0.00917	0.0778	0.179	0.180	0.028
MW-2	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00451	<0.000922	0.00667	<0.000922	0.0133	0.0304	0.0217	0.00353
MW-2	11/18/10	<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	0.00419	<0.000184	0.00164	0.0065	0.00198	0.00219
MW-2	12/14/11	<0.000188	<0.000188	<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	0.0154	0.0292	0.0174	0.00412
MW-2	11/20/12	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	0.0306	<0.00948	0.0202	0.0664	0.0179	<0.00948
MW-2	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-2	11/05/14	<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-2	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/04/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/11/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/13/08	<0.000184	0.000464	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00202	<0.000184	0.00241	<0.000184	0.00606	0.0137	0.00483	0.00215

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

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	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00996	<0.000922	0.0108	<0.000922	0.0294	0.0707	0.0332	0.00908	
MW-3	11/18/10	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000552	<0.000183	0.00091	<0.000183	0.00239	0.00485	0.000925	0.000708	
MW-3	12/14/11	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	0.00294	<0.000188	0.00586	0.0197	0.00399	0.00269	
MW-3	11/20/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	0.0145	<0.00190	<0.00190	
MW-3	11/27/13	<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-3	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	12/04/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/11/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	11/13/08	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	0.00752	<0.00463	<0.00463	<0.00463	<0.00463	0.0307	<0.00463	0.0292	0.164	0.0532	0.024	
MW-4	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00166	<0.000184	0.00161	<0.000184	0.0107	0.0229	0.00588	0.00198	
MW-4	11/18/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00174	<0.000184	0.0017	<0.000184	0.0101	0.0162	0.00576	0.00232	
MW-4	12/14/11	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	0.0124	<0.000187	0.0177	0.077	0.0227	0.0103	
MW-4	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	0.0575	<0.00952	0.0707	0.292	0.115	<0.00952	
MW-4	11/27/13	<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	0.156	0.0511	<0.000200	
MW-4	11/05/14	<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	0.0631	0.308	0.0979	
MW-4	11/17/15	<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	0.421	3.10	0.493	
MW-4	11/22/16	0.00323	<0.00241	<0.00241	0.00255	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	0.00437	<0.00241	0.0113	<0.00241	0.0508			0.00642	
MW-4	11/15/17	0.000278	0.000368	0.00481	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218	0.000191	0.00301	<0.000218	0.00546	<0.000218	0.05330			0.00353	
MW-4	11/29/18	0.00012	0.00013	0.00068	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00080	<0.00011	0.00075	<0.00011	0.0219			0.00079	
MW-4	12/04/19	0.00093	0.0020	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	0.0046	<0.00097	0.0011	0.027	<0.00097	0.044	0.0032	0.287			0.033	
MW-4	11/11/20	0.00035	0.00085	0.00050	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0060	<0.00010	0.021	<0.00010	0.273			0.0073	
MW-4	12/02/21	0.0026	0.00079	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0021	<0.00010	0.0022	<0.00010	0.0392			0.0028	
MW-5	11/13/08	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	0.00478	<0.00183	0.00528	<0.00183	0.0309	0.0417	0.0354	0.00485	
MW-5	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00201	<0.000184	0.00176	<0.000184	0.0216	0.0285	0.023	0.00268	

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-5	11/18/10	Not Sampled due to well obstruction.																		
MW-5	12/16/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00665	<0.000183	0.0281	0.038	0.0347	0.00581
MW-5	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	0.0598	0.142	0.122	<0.00952
MW-5	11/27/13	<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	0.0349	0.0473	0.0367	<0.000200
MW-5	11/05/14	<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	0.0358	0.0616	0.0266	<0.000200
MW-5	11/17/15	<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-5	11/22/16	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	0.00355	<0.00242	0.00885	<0.00242	0.0407			0.00328
MW-5	11/16/17	0.00232	0.00162	0.000867	0.00123	0.000665	0.000958	0.00108	0.000796	0.00213	0.00139	0.00105	0.00681	0.00150	0.0113	0.00132	0.0298			0.00651
MW-5	11/29/18	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00045	<0.00011	0.00046	<0.00011	0.0161			0.00059
MW-5	12/04/19	0.00035	0.00031	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	0.00057	<0.000097	0.00035	0.0026	<0.000097	0.0056	0.00092	0.115			0.0026
MW-5	11/11/20	Not Sampled due to the presence of PSH.																		
MW-5	12/01/21	Not Sampled due to the presence of PSH.																		
MW-6	11/13/08	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	0.00723	<0.00185	0.00814	<0.00185	0.0282	0.0434	0.0336	0.00709
MW-6	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00759	<0.000922	0.0116	<0.000922	0.00817	0.0327	0.00836	0.00702
MW-6	11/18/10	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00264	<0.000183	0.00342	<0.000183	<0.000183	0.00393	<0.000183	0.00253
MW-6	12/14/11	<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	0.00838	0.0349	0.0078	0.010
MW-6	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	0.0173	<0.00952	0.0118	0.0395	<0.00952	<0.00952
MW-6	11/27/13	<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-6	11/05/14	Not Sampled due to the presence of PSH.																		
MW-6	11/17/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.06000	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.540	6.80	0.693	0.0312
MW-6	11/22/16	0.0216	0.00884	0.00622	0.0141	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	<0.00242	0.00527	0.0301	<0.00242	0.0552	0.00623	0.0324			0.0246
MW-6	11/15/17	0.000530	0.00162	0.00365	0.00381	<0.0000218	<0.0000218	<0.0000218	<0.0000218	0.000640	<0.0000218	0.000805	0.0126	<0.0000218	0.0319	0.00159	0.09311			0.00739
MW-6	11/29/18	<0.00056	<0.00056	<0.00056	<0.00056	<0.00056	<0.00056	<0.00056	<0.00056	<0.00056	<0.00056	0.00086	<0.00056	0.0011	<0.00056		0.00387			<0.00056
MW-6	12/04/19	0.0049	0.0056	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	0.0027	0.031	<0.00097	0.075	0.0070	0.121			0.034
MW-6	11/11/20	0.00032	0.00068	0.00034	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0047	<0.00011	0.0083	<0.00011	0.0207			0.0045
MW-6	12/02/21	0.0011	0.00036	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0011	<0.00010	0.0016	<0.00010	0.0172			0.0015
MW-7	11/13/08	<0.00922	<0.00922	0.0744	<0.00922	<0.00922	<0.00922	<0.00922	<0.00922	0.0189	<0.00922	<0.00922	0.0648	<0.00922	0.0735	<0.00922	0.058	0.267	0.236	<0.00922
MW-7	11/23/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0136	<0.000917	0.0184	<0.000917	0.0245	0.102	0.0863	0.0100
MW-7	11/18/10	Not Sampled due to the presence of PSH.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-7	12/14/11	Not Sampled due to the presence of PSH.																		
MW-7	11/20/12	Not Sampled due to the presence of PSH.																		
MW-7	11/27/13	Not Sampled due to the presence of PSH.																		
MW-7	11/05/14	Not Sampled due to the presence of PSH.																		
MW-7	11/17/15	Not Sampled due to the presence of PSH.																		
MW-7	11/22/16	Not Sampled due to the presence of PSH.																		
MW-7	11/15/17	Not Sampled due to the presence of PSH.																		
MW-7	11/29/18	0.00031	0.00021	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0020	<0.00011	0.0015	<0.00011	0.1126			0.0024	
MW-7	12/04/19	0.0056	0.0081	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	<0.00097	0.0036	0.059	<0.00097	0.16	0.0051	0.966			0.046
MW-7	11/11/20	Not Sampled due to the presence of PSH.																		
MW-7	12/01/21	Not Sampled due to the presence of PSH.																		
MW-8	11/13/08	<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	
MW-8	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-8	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/03/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-9	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-9	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0013

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	Dibenzo[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-9	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/03/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/13/08	<0.000184	<0.000184	0.0108	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0096	<0.000184	0.0107	<0.000184	0.00225	0.0289	<0.000184	0.00764
MW-10	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00664	<0.000922	0.00726	<0.000922	0.00304	0.0277	<0.000922	0.00522
MW-10	11/18/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.00245	<0.000186	0.00321	<0.000186	0.00209	0.0146	0.000504	0.00286
MW-10	12/14/11	<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	0.00496	<0.000184	0.0031	0.0193	0.0015	0.00373
MW-10	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	0.0228	<0.00952	<0.00952
MW-10	11/27/13	<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-10	11/05/14	<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	0.175	<0.000200	<0.000200
MW-10	11/17/15	<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	0.845	<0.000200	<0.000200
MW-10	11/22/16	<0.00977	<0.00977	<0.00977	0.0105	<0.00977	<0.00977	<0.00977	<0.00977	<0.00977	<0.00977	<0.00977	0.0126	<0.00977	0.0328	<0.00977	0.0166			0.0119
MW-10	11/15/17	<0.0000218	0.000472	0.000624	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	0.000548	<0.0000218	<0.0000327	0.00248	<0.0000218	0.00549	<0.0000218	0.000880	0.0288	0.000125	0.00644
MW-10	11/29/18	0.00019	0.00012	0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0012	<0.00011	0.0012	<0.00011	0.008520			0.0014
MW-10	12/04/19	0.00083	0.0012	<0.000098	0.00055	<0.000098	<0.000098	<0.000098	<0.000098	0.0026	<0.000098	0.00066	0.0059	<0.000098	0.018	0.0029	0.03022			0.0069
MW-10	11/11/20	0.00032	0.00065	0.00025	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0044	<0.00011	0.0055	<0.00011	0.01904			0.0046
MW-10	12/01/21	0.0010	<0.000099	0.00016	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	<0.000099	0.0011	<0.000099	0.0015	<0.000099	0.01478			0.0014
MW-11	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-11	11/23/09	<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-11	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

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	Dibenzo[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-11	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/21/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/03/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000345	
MW-12	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-12	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/03/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-14	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-14	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

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-14	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/21/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/03/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-15	11/23/09	<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	
MW-15	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/21/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	12/03/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-16	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-16	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0013

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-16	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/21/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/03/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/13/08	<0.000184	0.00022	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000306	<0.000184	<0.000184	<0.000184	0.00266	<0.000184	0.0023	<0.000184	0.0322	0.0261	0.0203	0.00292
MW-17	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00162	<0.000184	0.00138	<0.000184	0.0371	0.0300	0.0229	0.00205
MW-17	11/18/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.00107	<0.000186	0.000848	<0.000186	0.0155	0.0153	0.00854	0.00153
MW-17	12/14/11	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	0.00153	<0.000189	0.00133	<0.000189	0.0281	0.0384	0.0143	0.00238
MW-17	11/20/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00336	<0.000190	0.00356	<0.000190	0.0483	0.0577	0.0254	0.00557
MW-17	11/27/13	<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	0.09	0.0563	0.135	<0.000200
MW-17	11/05/14	<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	0.117	0.149	0.0518	0.00678
MW-17	11/17/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0732	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.449	<0.000200	<0.000200	0.638	1.02	0.249	0.00335
MW-17	11/22/16	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	<0.00965	0.0583			<0.00965
MW-17	11/15/17	0.000115	0.000216	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000327	0.00194	<0.0000218	0.00199	<0.0000218	0.1803			0.00290
MW-17	11/29/18	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0011	<0.00011	0.00094	<0.00011	0.0409			0.0013
MW-17	12/04/19	0.00033	0.00044	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	<0.000096	0.0031	<0.000096	0.0030	<0.000096	0.200			0.0052
MW-17	11/11/20	0.00023	0.00041	<0.00011	0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0032	<0.00011	0.0018	<0.00011	0.348			0.0053
MW-17	12/01/21	0.0010	0.00029	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00014	<0.00010	0.00012	0.0020	<0.00010	0.0025	<0.00010	0.0780			0.0035
MW-18	11/13/08	<0.000183	0.000247	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00205	<0.000183	0.00123	<0.000183	0.0422	0.0326	0.021	0.00262
MW-18	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00163	<0.000184	0.00166	<0.000184	0.0328	0.0282	0.0192	0.00186
MW-18	11/18/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.00112	<0.000186	0.000842	<0.000186	0.0247	0.0191	0.012	0.00162
MW-18	12/14/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00147	<0.000183	0.00131	<0.000183	0.0278	0.0276	0.0157	0.00242
MW-18	11/20/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00245	<0.000190	0.00222	<0.000190	0.0639	0.0479	0.0337	0.0045
MW-18	11/27/13	<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	0.0835	0.0742	0.0525	<0.000200
MW-18	11/05/14	<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	0.11	0.126	0.0458	<0.000200
MW-18	11/17/15	<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	1.26	1.64	0.398	0.00580
MW-18	11/22/16	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	<0.000485	0.00147	<0.000485	0.00159	<0.000485	0.0623			0.00244

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0013

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-18	11/15/17	0.000530	0.000119	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000327	0.00139	<0.0000218	0.00180	<0.0000218	0.10361		0.00281	
MW-18	11/29/18	0.00025	<0.00011	0.00057	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00065	<0.00011	0.00064	<0.00011	0.0684		0.00093	
MW-18	12/04/19	0.00023	0.00038	0.0012	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	0.00011	0.0036	<0.000097	0.0040	0.00023	0.176		0.0052	
MW-18	11/11/20	0.00026	0.00030	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0024	<0.00010	0.0016	<0.00010	0.0407		0.0045	
MW-18	12/01/21	0.00090	0.00034	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0014	<0.00010	0.0020	<0.00010	0.04103		0.0024	
MW-20	11/13/08	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	
MW-20	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-20	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	12/04/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/13/08	<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	
MW-21	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-21	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/21/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

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-21	12/03/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/13/08	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	
MW-22	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-22	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	12/03/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/13/08	<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	0.000404	<0.000184	0.000367	0.00169	<0.000184	0.000831
MW-23	11/23/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-23	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/04/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

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-23	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/13/08	<0.000184	<0.000184	0.000461	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000601	<0.000184	0.000453	<0.000184	0.00391	0.00634	0.00168	0.000818
MW-24	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-24	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/16/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/04/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/11/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000236	
MW-25	11/23/09	<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	0.000488	<0.000184	<0.000184	0.00226	<0.000184	<0.000184
MW-25	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/04/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/11/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0013

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
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-26	11/13/08	<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	0.000315	<0.000184	0.000323	0.0015	<0.000184	0.00135
MW-26	11/23/09	<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	0.000766	<0.000184	<0.000184	<0.000184	<0.000184	0.00135
MW-26	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/16/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/29/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	12/04/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/11/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-27	11/23/09	<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-27	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	12/04/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/13/08	<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-28	11/23/09	<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 97-18MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0013

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-28	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	12/03/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-30	11/23/09	<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	
MW-30	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/17/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/22/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	12/04/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/10/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
RW-1	11/13/08	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	0.0156	<0.00459	0.0224	<0.00459	0.058	0.100	0.0979	0.0141	
RW-1	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00328	<0.000184	0.00392	<0.000184	0.0327	0.0366	0.0296	0.00341	
RW-1	11/18/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00152	<0.000184	0.00281	<0.000184	0.00745	0.00615	0.00481	0.00187	
RW-1	12/14/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0135	<0.000184	0.0444	0.0785	0.0613	0.0101	

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0013

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	Dibenzo[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			---
RW-1	11/20/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	0.0167	<0.00190	0.0206	0.0592	0.0342	0.0139
RW-1	11/27/13	<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
RW-1	11/05/14	<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	0.061	0.145	0.393	<0.000200
RW-1	11/17/15	<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	0.884	7.30	0.654	0.0377
RW-1	11/22/16	<0.000482	<0.000482	<0.000482	0.000528	<0.000482	<0.000482	<0.000482	<0.000482	<0.000482	<0.000482	<0.000482	0.00238	<0.000482	0.00392	<0.000482	0.00886			0.00221
RW-1	11/16/17	0.00291	0.00221	0.00201	0.00140	0.000452	<0.000273	<0.000273	<0.000273	0.00107	<0.000273	0.000905	0.00879	<0.000273	0.0163	0.000801	0.0356			0.00904
RW-1	11/29/18	0.00021	0.00013	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0015	<0.00011	0.0013	<0.00011	0.120			0.0016
RW-1	12/04/19	0.0011	0.0020	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	0.0033	<0.000097	0.0011	0.013	<0.000097	0.029	0.0026	0.152			0.017
RW-1	11/11/20	0.00022	0.00032	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0025	<0.00010	0.0032	<0.00010	0.075			0.0033
RW-1	12/01/21	0.0027	<0.00010	0.00053	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0021	<0.00010	0.0078	<0.00010	0.085			0.0031
RW-2	11/13/08	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	0.0194	<0.00461	0.0243	<0.00461	0.0508	0.118	0.106	0.0182
RW-2	11/23/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00385	<0.000183	0.00386	<0.000183	0.0206	0.0413	0.0227	0.00346
RW-2	11/18/10	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	0.00403	<0.000188	0.0059	<0.000188	0.0114	0.0181	0.00745	0.00428
RW-2	12/14/11	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	0.00418	<0.000187	0.0148	0.0308	0.0154	0.00361
RW-2	11/20/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	0.00971	0.0287	0.0165	<0.00190
RW-2	11/27/13	<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	0.141	0.0924	<0.000200
RW-2	11/05/14	<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	0.0308	0.237	0.0858	<0.000200
RW-2	11/17/15	<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	0.462	4.57	0.576	0.0229
RW-2	11/22/16	0.00334	<0.00241	<0.00241	0.00293	<0.00241	<0.00241	<0.00241	<0.00241	0.00263	<0.00241	<0.00241	0.00462	<0.00241	0.0116	<0.00241	0.0396			0.00407
RW-2	11/15/17	<0.0000218	<0.0000218	0.00122	0.000677	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000327	0.000962	<0.0000218	0.00138	<0.0000218	0.0647			0.00133
RW-2	11/29/18	0.00019	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0012	<0.00011	0.00099	<0.00011	0.0893			0.0014
RW-2	12/04/19	0.00055	0.0011	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	0.0014	<0.000097	0.00023	0.0042	<0.000097	0.013	0.00044	0.0386			0.0052
RW-2	11/11/20	0.00016	0.00030	0.00015	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0014	<0.00011	0.0026	<0.00011	0.0326			0.0022
RW-2	12/02/21	Not Sampled																		

TABLE 7

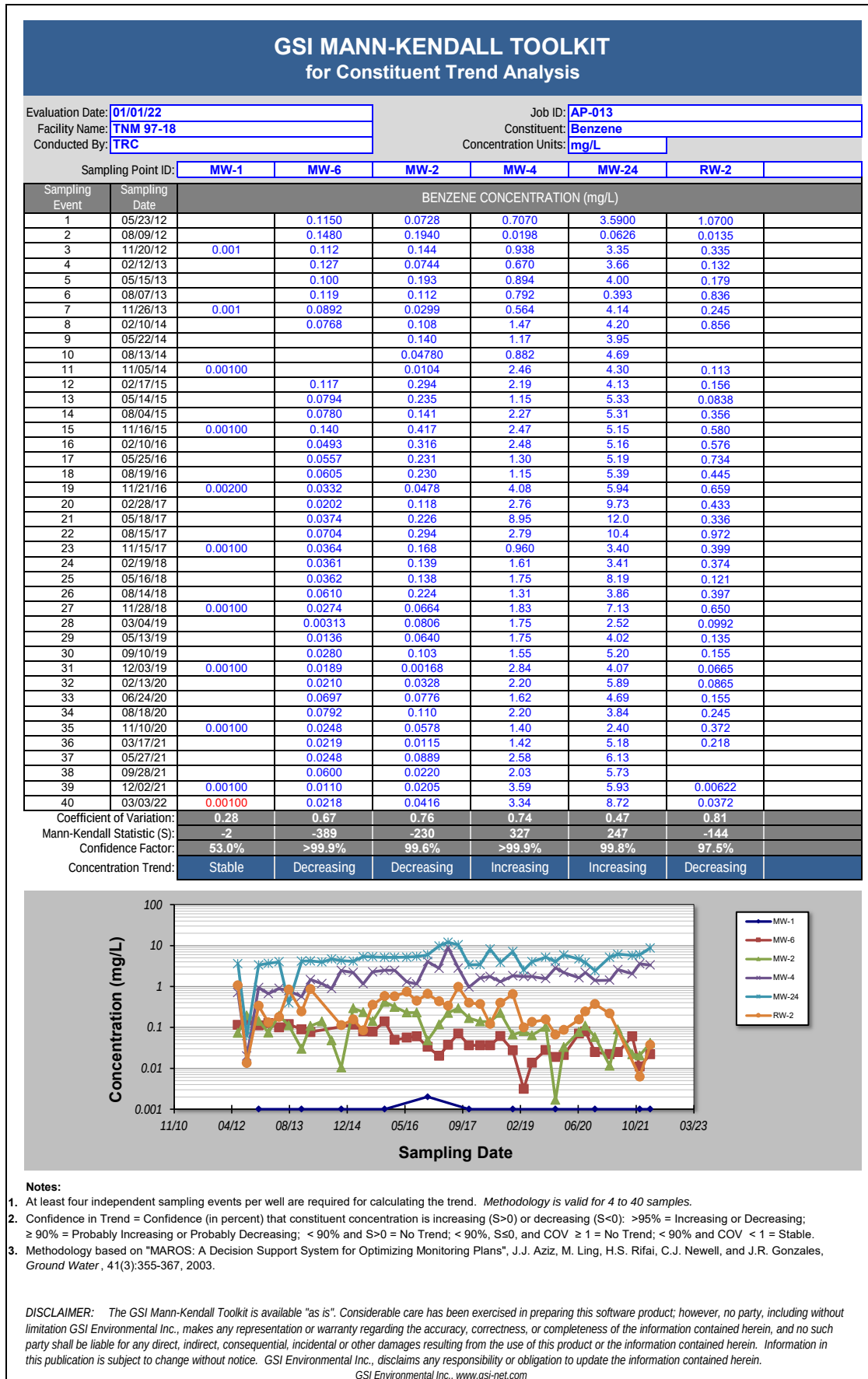


TABLE 8

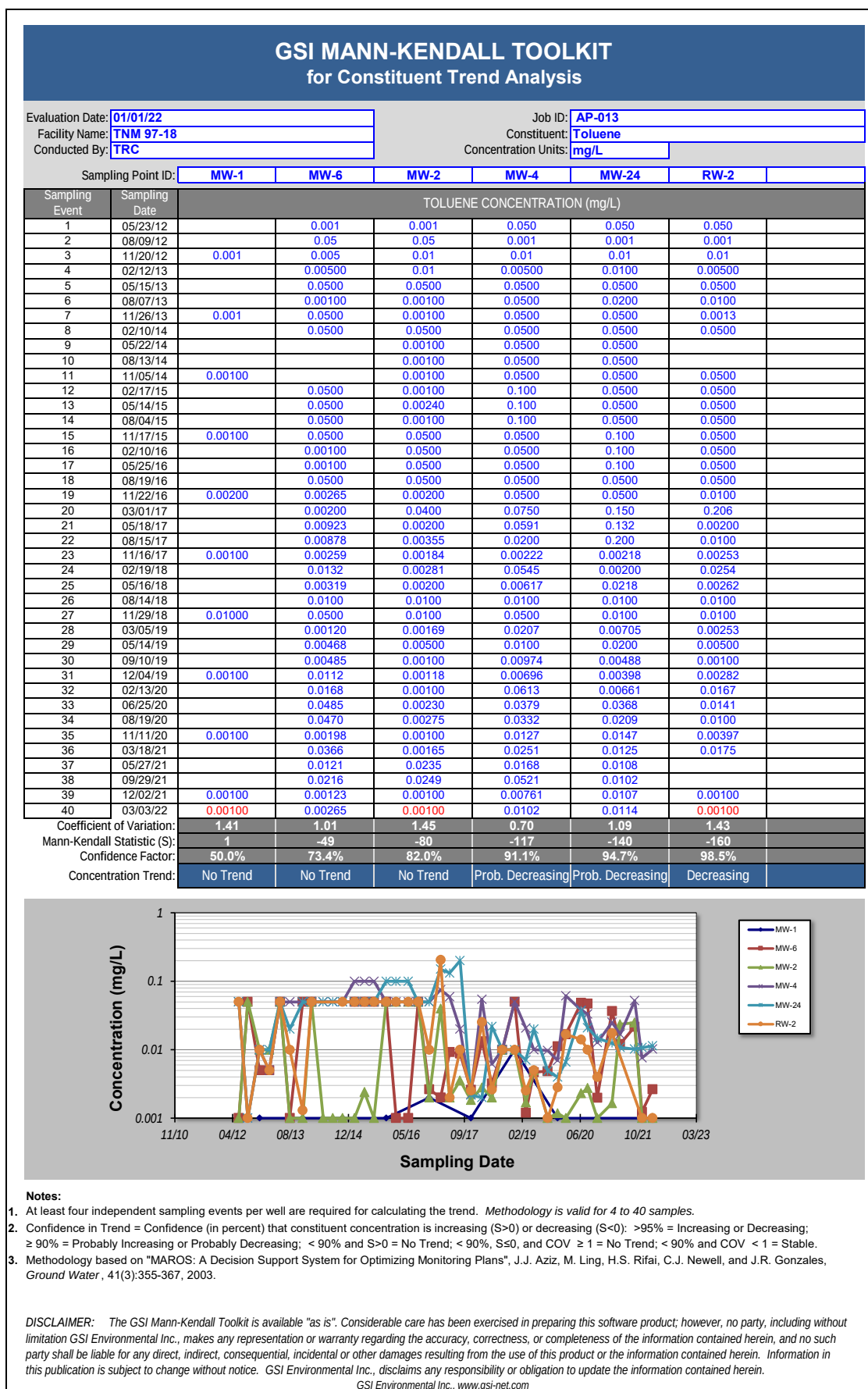


TABLE 9

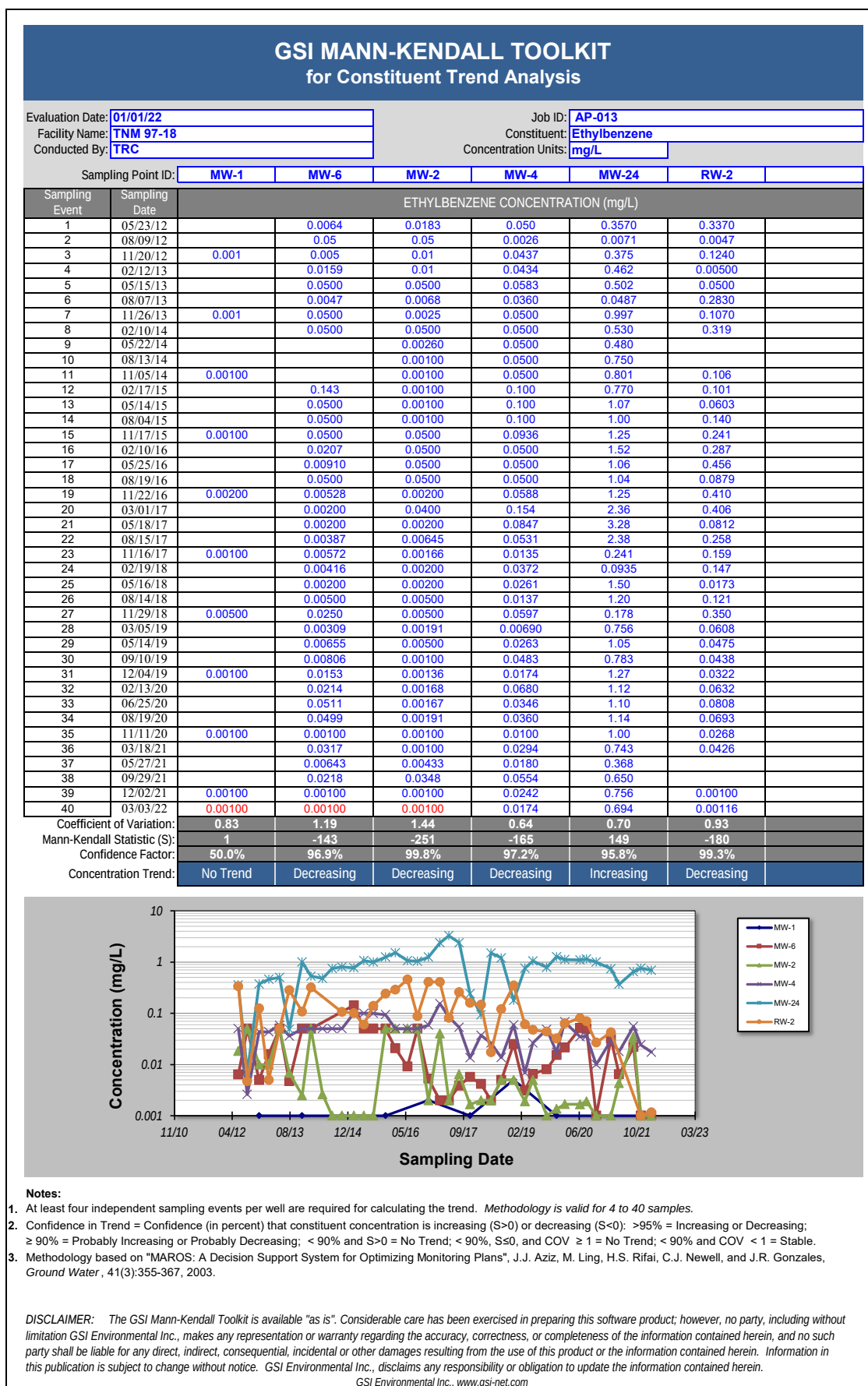


TABLE 10

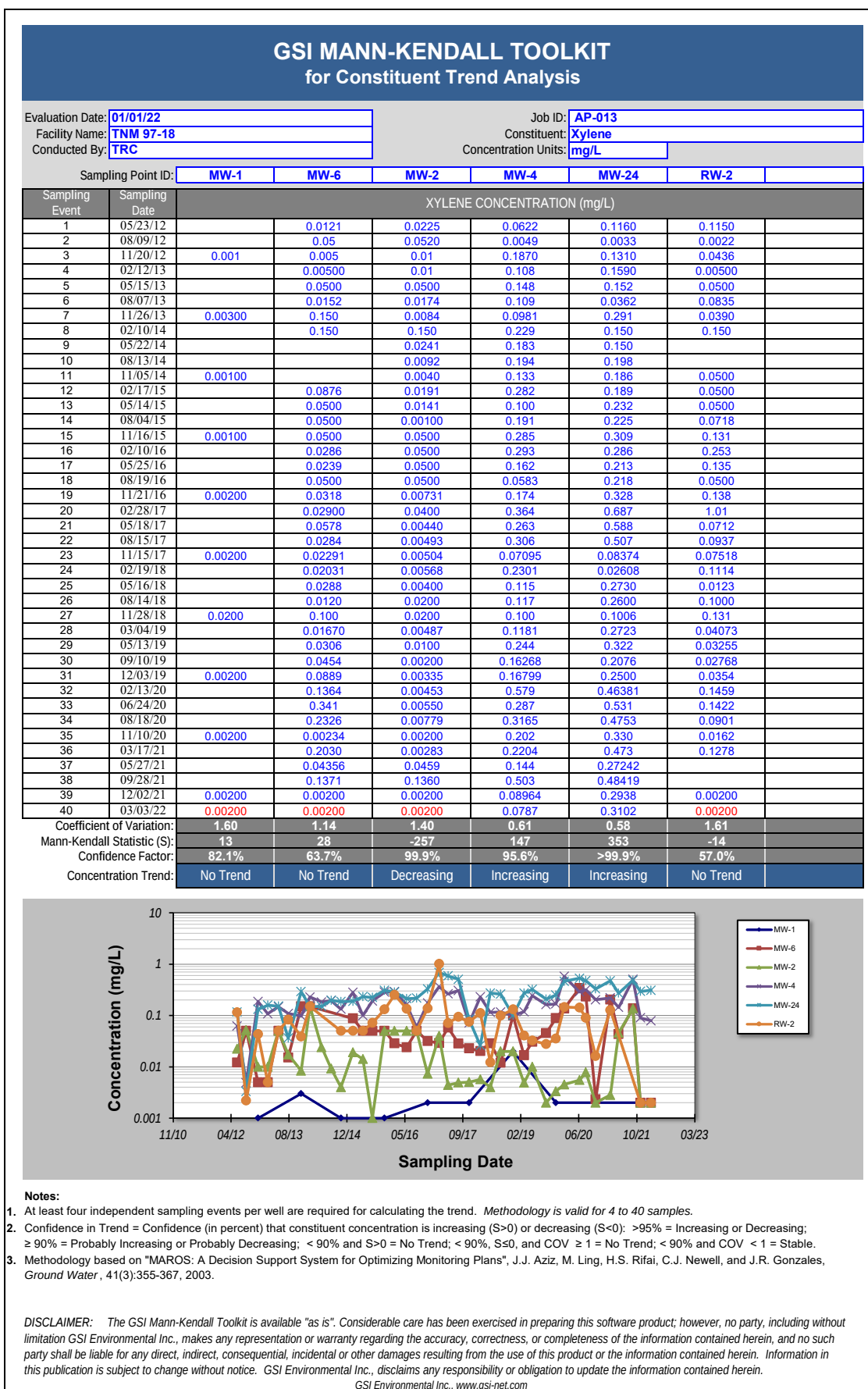


TABLE 11

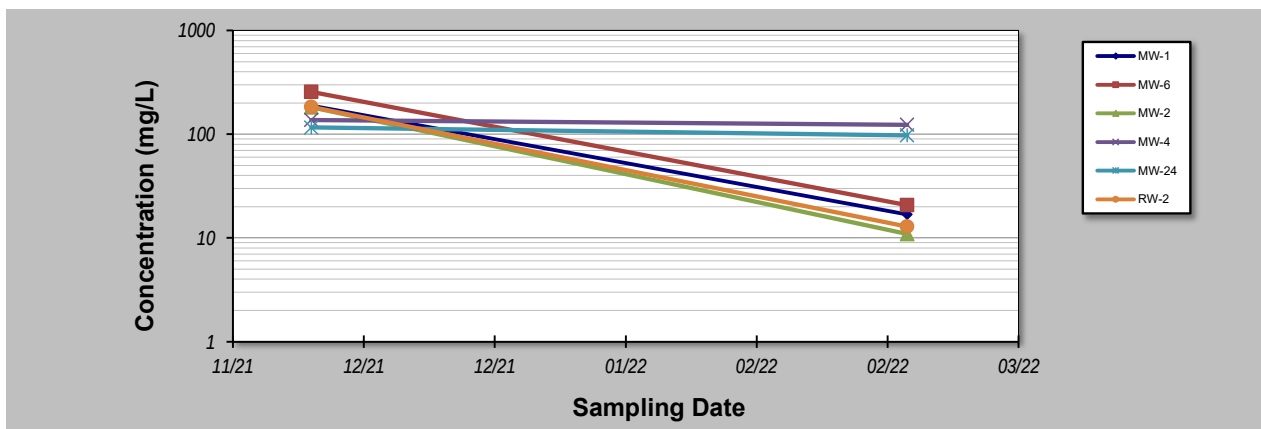
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/22	Job ID:	AP-013
Facility Name:	TNM 97-18	Constituent:	Total Organic Carbon (TOC)
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-6	MW-2	MW-4	MW-24	RW-2

Sampling Event	Sampling Date	TOTAL ORGANIC CARBON (TOC) CONCENTRATION (mg/L)					
1	12/02/21	189	256	182	137	116	183
2	03/03/22	16.9	20.7	10.9	123	97.5	12.9
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:	1.18	1.20	1.25	0.08	0.12	1.23
Mann-Kendall Statistic (S):	-1	-1	-1	-1	-1	-1
Confidence Factor:						
Concentration Trend:						

**Notes:**

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing ($S > 0$) or decreasing ($S < 0$): $> 95\%$ = Increasing or Decreasing; $\geq 90\%$ = Probably Increasing or Probably Decreasing; $< 90\%$ and $S > 0$ = No Trend; $< 90\%$, $S \leq 0$, and $COV \geq 1$ = No Trend; $< 90\%$ and $COV < 1$ = Stable.
- 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.

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TABLE 12

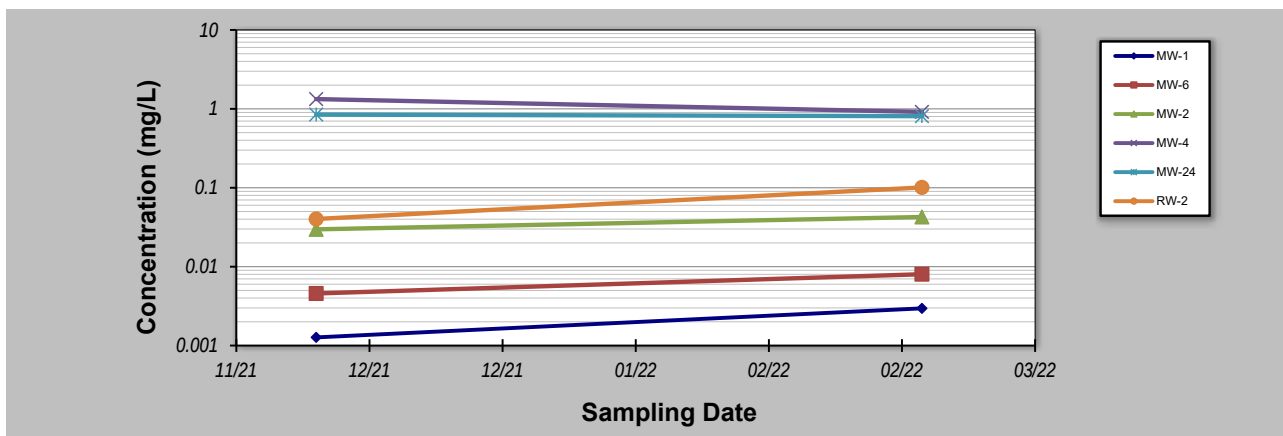
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: AP-013	
Facility Name: TNM 97-18		Constituent: Dissolved Methane (RSK-175)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:		MW-1	MW-6	MW-2	MW-4	MW-24	RW-2

Sampling Event	Sampling Date	DISSOLVED METHANE (RSK-175) CONCENTRATION (mg/L)					
1	12/02/21	0.00127	0.00457	0.0297	1.33	0.847	0.0402
2	03/03/22	0.00296	0.00802	0.0426	0.915	0.808	0.101
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:	0.57	0.39	0.25	0.26	0.03	0.61
Mann-Kendall Statistic (S):	1	1	1	-1	-1	1
Confidence Factor:						
Concentration Trend:						

**Notes:**

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing ($S > 0$) or decreasing ($S < 0$): $> 95\%$ = Increasing or Decreasing; $\geq 90\%$ = Probably Increasing or Probably Decreasing; $< 90\%$ and $S > 0$ = No Trend; $< 90\%$, $S \leq 0$, and $COV \geq 1$ = No Trend; $< 90\%$ and $COV < 1$ = Stable.
- 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.

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TABLE 13

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:
01/01/22

Facility Name:
TNM 97-18

Conducted By:
TRC

Job ID:
AP-013

Constituent:
Dissolved ethane (RSK-175)

Concentration Units:
mg/L

Sampling Point ID:

MW-1

MW-6

MW-2

MW-4

MW-24

RW-2

Sampling Event	Sampling Date	DISSOLVED ETHANE (RSK-175) CONCENTRATION (mg/L)						
1	12/02/22	0.00100	0.00100	0.00133	0.00205	0.00437	0.00182	
2	03/03/22	0.00100	0.00100	0.00194	0.00249	0.00471	0.00243	
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.00	0.00	0.26	0.14	0.05	0.20	
Mann-Kendall Statistic (S):		0	0	1	1	1	1	
Confidence Factor:								
Concentration Trend:								

Notes:

- At least four independent sampling events per well are required for calculating the trend. Methodology is valid for 4 to 40 samples.
- 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.
- 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.

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TABLE 14

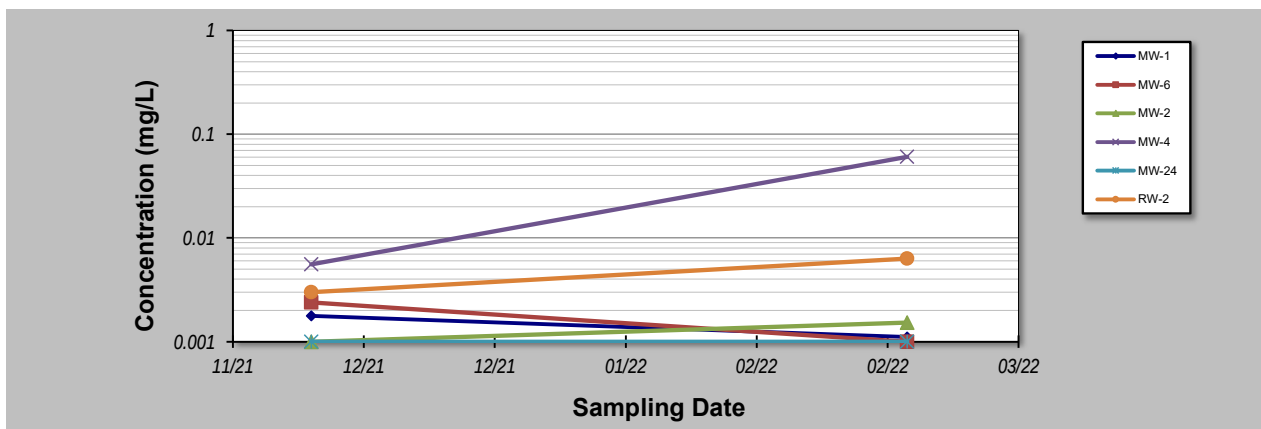
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/22	Job ID:	AP-013
Facility Name:	TNM 97-18	Constituent:	Dissolved ethene (RSK-175)
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-1	MW-6	MW-2	MW-4	MW-24	RW-2	

Sampling Event	Sampling Date	DISSOLVED ETHENE (RSK-175) CONCENTRATION (mg/L)						
1	12/02/21	0.00177	0.00239	0.00100	0.00557	0.00100	0.00299	
2	03/03/22	0.00111	0.00100	0.00153	0.0604	0.00100	0.00634	
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Coefficient of Variation:	0.32	0.58	0.30	1.18	0.00	0.51	
Mann-Kendall Statistic (S):	-1	-1	1	1	0	1	
Confidence Factor:							
Concentration Trend:							

**Notes:**

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing ($S > 0$) or decreasing ($S < 0$): $> 95\%$ = Increasing or Decreasing; $\geq 90\%$ = Probably Increasing or Probably Decreasing; $< 90\%$ and $S > 0$ = No Trend; $< 90\%$, $S \leq 0$, and $COV \geq 1$ = No Trend; $< 90\%$ and $COV < 1$ = Stable.
- 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.

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TABLE 15

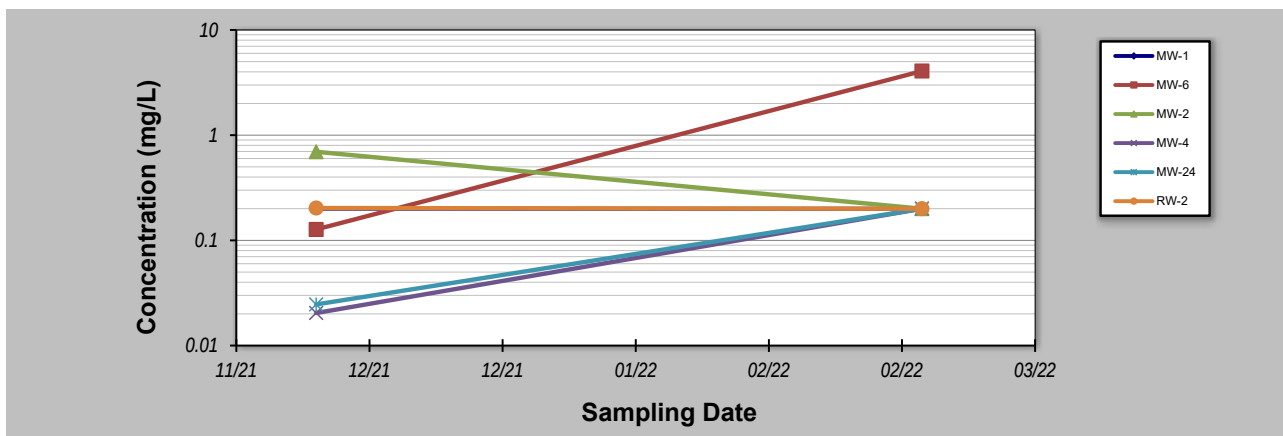
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: AP-013	
Facility Name: TNM 97-18		Constituent: Dissolved Iron (filtered)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:		MW-1	MW-6	MW-2	MW-4	MW-24	RW-2

Sampling Event	Sampling Date	DISSOLVED IRON (FILTERED) CONCENTRATION (mg/L)					
1	12/02/21	0.200	0.127	0.695	0.0204	0.0246	0.203
2	03/03/22	0.200	4.07	0.200	0.200	0.200	0.200
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:	0.00	1.33	0.78	1.15	1.10	0.01
Mann-Kendall Statistic (S):	0	1	-1	1	1	-1
Confidence Factor:						
Concentration Trend:						

**Notes:**

- At least four independent sampling events per well are required for calculating the trend. Methodology is valid for 4 to 40 samples.
- 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.
- 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.

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TABLE 16

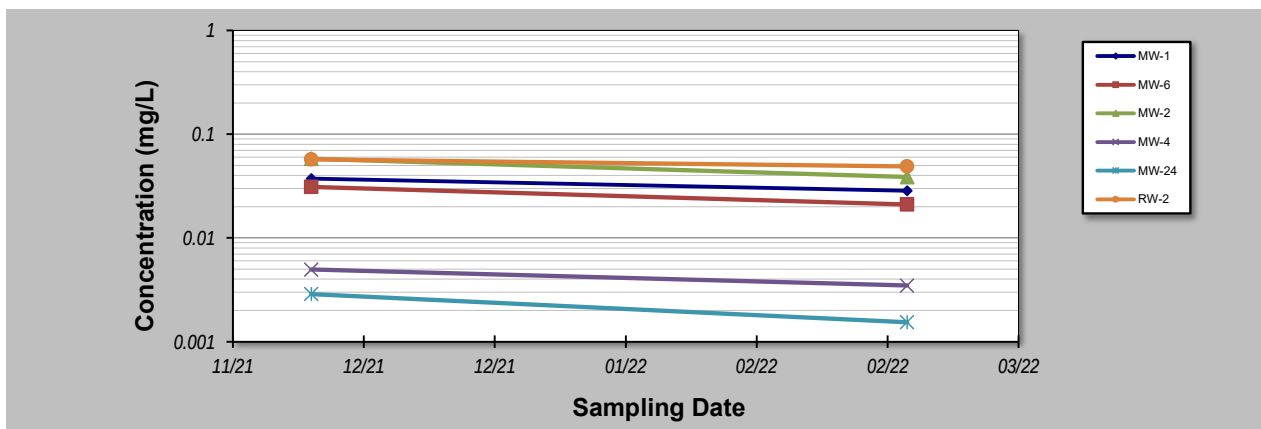
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: AP-013	
Facility Name: TNM 97-18		Constituent: Dissolved Manganese (filtered)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:		MW-1	MW-6	MW-2	MW-4	MW-24	RW-2

Sampling Event	Sampling Date	DISSOLVED MANGANESE (FILTERED) CONCENTRATION (mg/L)					
1	12/02/21	0.0374	0.0311	0.0582	0.00495	0.00287	0.0574
2	03/03/22	0.0286	0.0210	0.0388	0.00347	0.00154	0.0490
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:	0.19	0.27	0.28	0.25	0.43	0.11
Mann-Kendall Statistic (S):	-1	-1	-1	-1	-1	-1
Confidence Factor:						
Concentration Trend:						

**Notes:**

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing ($S > 0$) or decreasing ($S < 0$): $> 95\%$ = Increasing or Decreasing; $\geq 90\%$ = Probably Increasing or Probably Decreasing; $< 90\%$ and $S > 0$ = No Trend; $< 90\%$, $S \leq 0$, and $COV \geq 1$ = No Trend; $< 90\%$ and $COV < 1$ = Stable.
- 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.

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TABLE 17

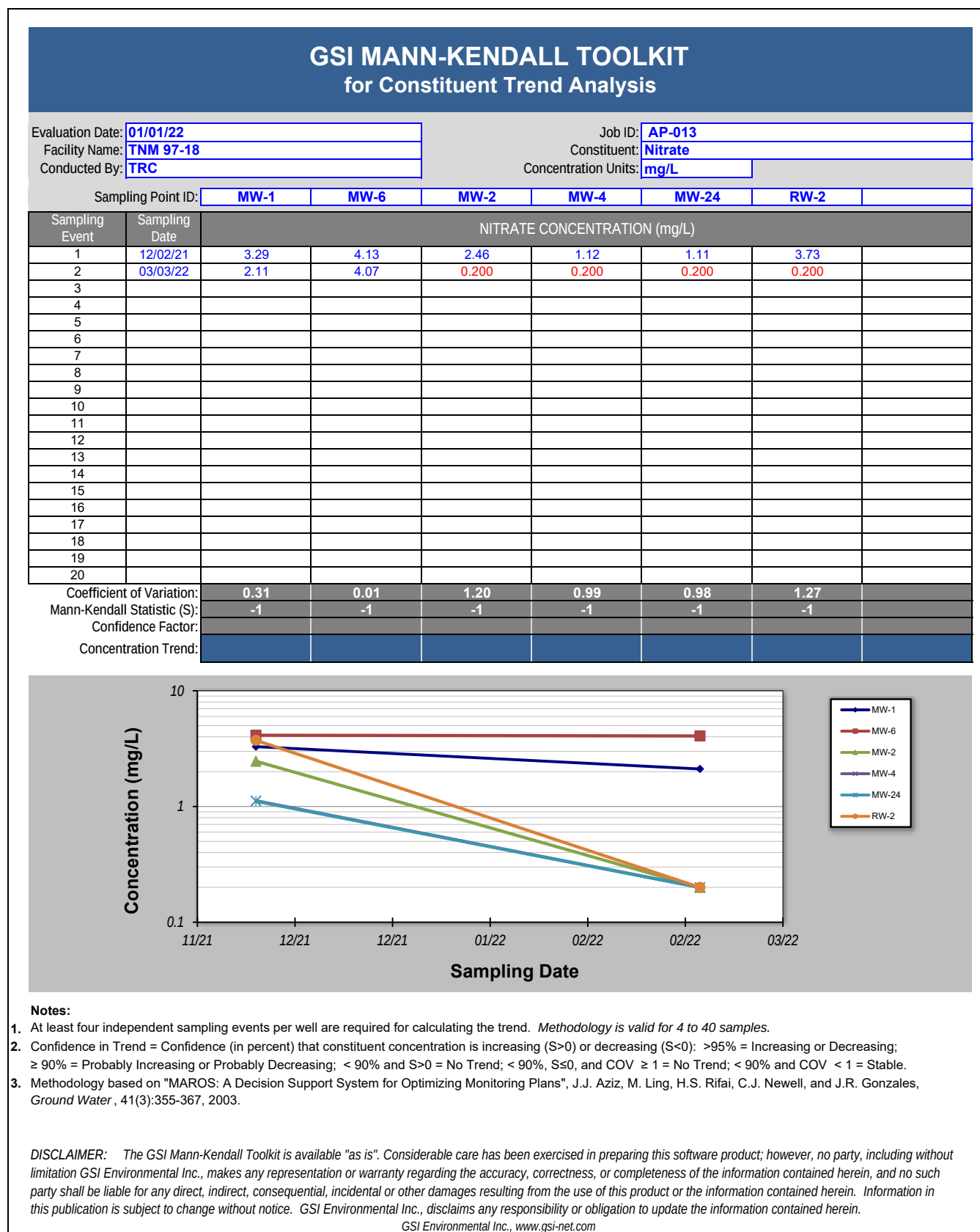


TABLE 18

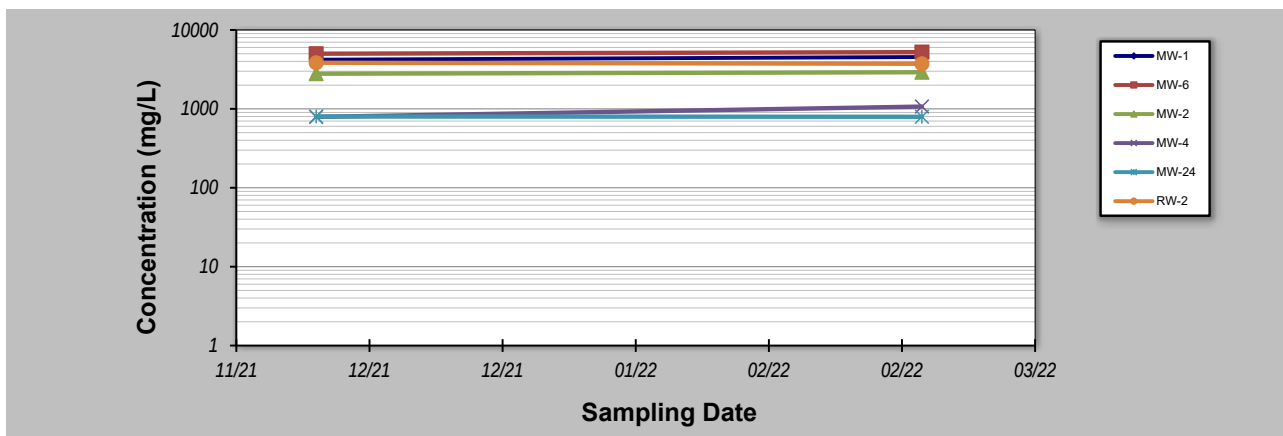
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: AP-013	
Facility Name: TNM 98-17		Constituent: Sulfate	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:		MW-1	MW-6	MW-2	MW-4	MW-24	RW-2

Sampling Event	Sampling Date	SULFATE CONCENTRATION (mg/L)					
1	12/02/21	4200	5000	2790	791	800	3840
2	03/03/22	4540	5240	2910	1070	794	3730
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:	0.06	0.03	0.03	0.21	0.01	0.02
Mann-Kendall Statistic (S):	1	1	1	1	-1	-1
Confidence Factor:						
Concentration Trend:						

**Notes:**

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing ($S > 0$) or decreasing ($S < 0$): $> 95\%$ = Increasing or Decreasing; $\geq 90\%$ = Probably Increasing or Probably Decreasing; $< 90\%$ and $S > 0$ = No Trend; $< 90\%$, $S \leq 0$, and $COV \geq 1$ = No Trend; $< 90\%$ and $COV < 1$ = Stable.
- 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.

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TABLE 19

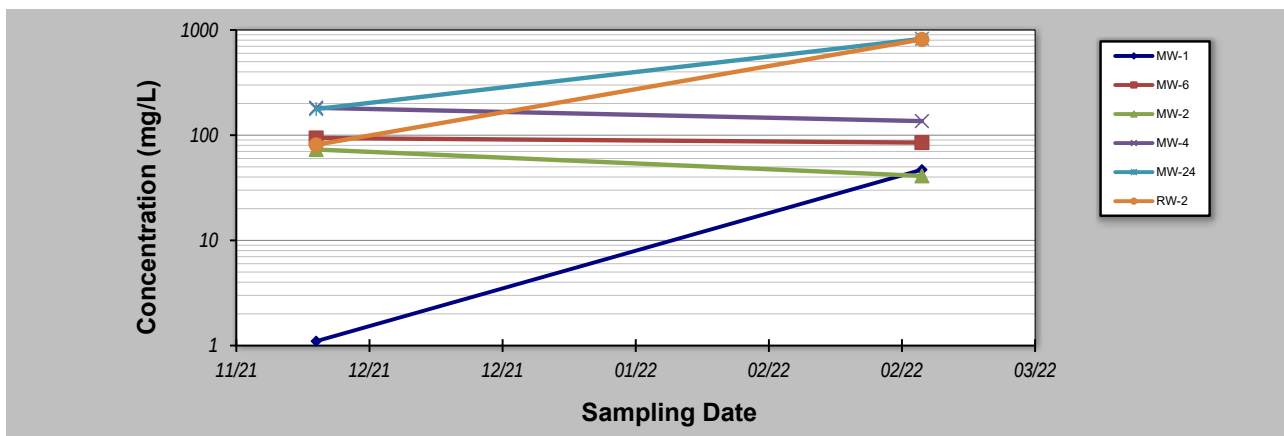
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: AP-013	
Facility Name: TNM 97-18		Constituent: Chemical Oxygen Demand (COD)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:		MW-1	MW-6	MW-2	MW-4	MW-24	RW-2

Sampling Event	Sampling Date	CHEMICAL OXYGEN DEMAND (COD) CONCENTRATION (mg/L)					
1	12/02/21	1.10	94.0	73.0	182	177	81.0
2	03/03/22	47.0	85.0	41.0	136	824	813
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:	1.35	0.07	0.40	0.20	0.91	1.16
Mann-Kendall Statistic (S):	1	-1	-1	-1	1	1
Confidence Factor:						
Concentration Trend:						

**Notes:**

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- 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.
- 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.

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APPENDICES

APPENDIX A: 2021 Laboratory Analytical Reports



Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, TX 79701
432-686-7235

Analytical Report

Prepared for:

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



Certification # T104704516-17-8

Project: 97-18
Project Number: TNM 97-18
Location:

Lab Order Number: 1C19004

Report Date: 04/12/21

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW23	1C19004-01	Water	03/17/21 15:15	03-19-2021 09:57
MW6	1C19004-02	Water	03/17/21 15:39	03-19-2021 09:57
MW2	1C19004-03	Water	03/17/21 16:01	03-19-2021 09:57
MW10	1C19004-04	Water	03/17/21 16:19	03-19-2021 09:57
MW3	1C19004-05	Water	03/17/21 16:47	03-19-2021 09:57
RW2	1C19004-06	Water	03/18/21 11:05	03-19-2021 09:57
MW26	1C19004-07	Water	03/18/21 11:30	03-19-2021 09:57
RW1	1C19004-08	Water	03/18/21 12:07	03-19-2021 09:57
MW25	1C19004-09	Water	03/18/21 12:26	03-19-2021 09:57
MW18	1C19004-10	Water	03/18/21 12:47	03-19-2021 09:57
MW17	1C19004-11	Water	03/18/21 13:10	03-19-2021 09:57
MW4	1C19004-12	Water	03/18/21 13:31	03-19-2021 09:57
MW24	1C19004-13	Water	03/18/21 13:51	03-19-2021 09:57

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Page 2 of 10

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC
Permian Basin Environmental Lab, L.P.

	Result	SQL	MQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW23 (1C19004-01) Water										
Benzene	<0.00100		0.00100	mg/L	1	P1C2910	03/29/21	03/30/21	EPA 8021B	
Toluene	<0.00100		0.00100	"	"	"	"	"	"	
Ethylbenzene	<0.00100		0.00100	"	"	"	"	"	"	
Xylene (p/m)	<0.00200		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			97.4 %	80-120		"	"	"	"	
Surrogate: 1,4-Difluorobenzene			103 %	80-120		"	"	"	"	
MW6 (1C19004-02) Water										
Benzene	0.0219		0.00100	mg/L	1	P1C2910	03/29/21	03/30/21	EPA 8021B	
Toluene	0.0366		0.00100	"	"	"	"	"	"	
Ethylbenzene	0.0317		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.149		0.00200	"	"	"	"	"	"	
Xylene (o)	0.0540		0.00100	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			76.8 %	80-120		"	"	"	"	QM-07, S-GC
Surrogate: 1,4-Difluorobenzene			106 %	80-120		"	"	"	"	
MW2 (1C19004-03) Water										
Benzene	0.0115		0.00100	mg/L	1	P1C2910	03/29/21	03/31/21	EPA 8021B	
Toluene	0.00165		0.00100	"	"	"	"	"	"	
Ethylbenzene	<0.00100		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.00283		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			92.4 %	80-120		"	"	"	"	
Surrogate: 1,4-Difluorobenzene			106 %	80-120		"	"	"	"	
MW10 (1C19004-04) Water										
Benzene	0.257		0.00500	mg/L	5	P1C2910	03/29/21	03/31/21	EPA 8021B	
Toluene	0.0228		0.00500	"	"	"	"	"	"	
Ethylbenzene	0.0143		0.00500	"	"	"	"	"	"	
Xylene (p/m)	0.0332		0.0100	"	"	"	"	"	"	
Xylene (o)	0.0134		0.00500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			99.5 %	80-120		"	"	"	"	
Surrogate: 1,4-Difluorobenzene			103 %	80-120		"	"	"	"	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC
Permian Basin Environmental Lab, L.P.

	Result	SQL	MQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW3 (1C19004-05) Water										
Benzene	0.256		0.00500	mg/L	5	P1C2910	03/29/21	03/31/21	EPA 8021B	
Toluene	0.00563		0.00100	"	1	"	"	03/30/21	"	
Ethylbenzene	0.00366		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.00824		0.00200	"	"	"	"	"	"	
Xylene (o)	0.00560		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			91.6 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			99.8 %	80-120		"	"	"	"	
RW2 (1C19004-06) Water										
Benzene	0.218		0.00500	mg/L	5	P1C2910	03/29/21	03/31/21	EPA 8021B	
Toluene	0.0175		0.00100	"	1	"	"	03/30/21	"	
Ethylbenzene	0.0426		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.0938		0.00200	"	"	"	"	"	"	
Xylene (o)	0.0340		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			83.7 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			98.0 %	80-120		"	"	"	"	
MW26 (1C19004-07) Water										
Benzene	0.714		0.0100	mg/L	10	P1C2910	03/29/21	03/30/21	EPA 8021B	
Toluene	0.00146		0.00100	"	1	"	"	03/31/21	"	
Ethylbenzene	<0.00100		0.00100	"	"	"	"	"	"	
Xylene (p/m)	<0.00200		0.00200	"	"	"	"	"	"	
Xylene (o)	0.00495		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			104 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			89.7 %	80-120		"	"	"	"	
RW1 (1C19004-08) Water										
Benzene	0.451		0.00500	mg/L	5	P1C2910	03/29/21	03/31/21	EPA 8021B	
Toluene	0.0286		0.00100	"	1	"	"	03/30/21	"	
Ethylbenzene	0.173		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.166		0.00200	"	"	"	"	"	"	
Xylene (o)	0.0821		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			84.4 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			98.9 %	80-120		"	"	"	"	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC
Permian Basin Environmental Lab, L.P.

	Result	SQL	MQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW25 (1C19004-09) Water										
Benzene	1.62		0.0100	mg/L	10	P1C2910	03/29/21	03/30/21	EPA 8021B	
Toluene	0.00267		0.00100	"	1	"	"	03/31/21	"	
Ethylbenzene	0.00909		0.00100	"	"	"	"	"	"	
Xylene (p/m)	<0.00200		0.00200	"	"	"	"	"	"	
Xylene (o)	0.00167		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			110 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			90.3 %	80-120		"	"	"	"	
MW18 (1C19004-10) Water										
Benzene	1.00		0.0100	mg/L	10	P1C2910	03/29/21	03/30/21	EPA 8021B	
Toluene	0.0105		0.00100	"	1	"	"	03/31/21	"	
Ethylbenzene	0.0253		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.169		0.00200	"	"	"	"	"	"	
Xylene (o)	0.00396		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			105 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			95.4 %	80-120		"	"	"	"	
MW17 (1C19004-11) Water										
Benzene	1.44		0.0100	mg/L	10	P1C2910	03/29/21	03/30/21	EPA 8021B	
Toluene	0.00509		0.00100	"	1	"	"	03/31/21	"	
Ethylbenzene	0.0123		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.176		0.00200	"	"	"	"	"	"	
Xylene (o)	0.00253		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			113 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			94.6 %	80-120		"	"	"	"	
MW4 (1C19004-12) Water										
Benzene	1.42		0.0100	mg/L	10	P1C2910	03/29/21	03/30/21	EPA 8021B	
Toluene	0.0251		0.00100	"	1	"	"	03/31/21	"	
Ethylbenzene	0.0294		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.178		0.00200	"	"	"	"	"	"	
Xylene (o)	0.0424		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			107 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			100 %	80-120		"	"	"	"	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC
Permian Basin Environmental Lab, L.P.

	Result	SQL	MQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW24 (1C19004-13) Water										
Benzene	5.18		0.0500	mg/L	50	P1C2910	03/29/21	03/31/21	EPA 8021B	
Toluene	0.0125		0.00100	"	1	"	"	03/31/21	"	
Ethylbenzene	0.743		0.0100	"	10	"	"	03/30/21	"	
Xylene (p/m)	0.473		0.0200	"	"	"	"	"	"	
Xylene (o)	0.00500		0.00100	"	1	"	"	03/31/21	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			112 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			96.4 %	80-120		"	"	"	"	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	MQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1C2910 - * DEFAULT PREP *****

Analyst: ZZZ

Blank (P1C2910-BLK1)

Prepared: 03/29/21 Analyzed: 03/30/21

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	0.116		"	0.120		96.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

LCS (P1C2910-BS1)

Prepared: 03/29/21 Analyzed: 03/30/21

Benzene	0.0907	0.00100	mg/L	0.100		90.7	80-120			
Toluene	0.0896	0.00100	"	0.100		89.6	80-120			
Ethylbenzene	0.0811	0.00100	"	0.100		81.1	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		81.0	80-120			
Xylene (o)	0.0842	0.00100	"	0.100		84.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

LCS Dup (P1C2910-BS1)

Prepared: 03/29/21 Analyzed: 03/30/21

Benzene	0.0819	0.00100	mg/L	0.100		81.9	80-120	10.2	20	
Toluene	0.0831	0.00100	"	0.100		83.1	80-120	7.56	20	
Ethylbenzene	0.0840	0.00100	"	0.100		84.0	80-120	3.48	20	
Xylene (p/m)	0.162	0.00200	"	0.200		80.9	80-120	0.0494	20	
Xylene (o)	0.0809	0.00100	"	0.100		80.9	80-120	4.00	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Blank (P1C2910-CCB1)

Prepared: 03/29/21 Analyzed: 03/30/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	MQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1C2910 - * DEFAULT PREP *****

Analyst: ZZZ

Calibration Blank (P1C2910-CCB2)

Prepared: 03/29/21 Analyzed: 03/30/21

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		96.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Calibration Check (P1C2910-CCV1)

Prepared: 03/29/21 Analyzed: 03/30/21

Benzene	0.0827	0.00100	mg/L	0.100		82.7	80-120			
Toluene	0.0829	0.00100	"	0.100		82.9	80-120			
Ethylbenzene	0.0838	0.00100	"	0.100		83.8	80-120			
Xylene (p/m)	0.164	0.00200	"	0.200		82.1	80-120			
Xylene (o)	0.0820	0.00100	"	0.100		82.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Check (P1C2910-CCV2)

Prepared: 03/29/21 Analyzed: 03/30/21

Benzene	0.0873	0.00100	mg/L	0.100		87.3	80-120			
Toluene	0.0844	0.00100	"	0.100		84.4	80-120			
Ethylbenzene	0.0872	0.00100	"	0.100		87.2	80-120			
Xylene (p/m)	0.161	0.00200	"	0.200		80.5	80-120			
Xylene (o)	0.0813	0.00100	"	0.100		81.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120			

Calibration Check (P1C2910-CCV3)

Prepared: 03/29/21 Analyzed: 03/31/21

Benzene	0.0870	0.00100	mg/L	0.100		87.0	80-120			
Toluene	0.0848	0.00100	"	0.100		84.8	80-120			
Ethylbenzene	0.0851	0.00100	"	0.100		85.1	80-120			
Xylene (p/m)	0.161	0.00200	"	0.200		80.4	80-120			
Xylene (o)	0.0834	0.00100	"	0.100		83.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.6	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	MQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1C2910 - * DEFAULT PREP *****

Analyst: ZZZ

Matrix Spike (P1C2910-MS1)		Source: 1C19004-01		Prepared: 03/29/21		Analyzed: 03/31/21				
Benzene	0.0842	0.00100	mg/L	0.100	ND	84.2	80-120			
Toluene	0.0818	0.00100	"	0.100	ND	81.8	80-120			
Ethylbenzene	0.0676	0.00100	"	0.100	ND	67.6	80-120			QM-07
Xylene (p/m)	0.135	0.00200	"	0.200	ND	67.5	80-120			QM-07
Xylene (o)	0.0768	0.00100	"	0.100	ND	76.8	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	80-120			

Matrix Spike Dup (P1C2910-MSD1)		Source: 1C19004-01		Prepared: 03/29/21		Analyzed: 03/31/21				
Benzene	0.0871	0.00100	mg/L	0.100	ND	87.1	80-120	3.41	20	
Toluene	0.0840	0.00100	"	0.100	ND	84.0	80-120	2.61	20	
Ethylbenzene	0.0686	0.00100	"	0.100	ND	68.6	80-120	1.44	20	QM-07
Xylene (p/m)	0.136	0.00200	"	0.200	ND	68.0	80-120	0.657	20	QM-07
Xylene (o)	0.0789	0.00100	"	0.100	ND	78.9	80-120	2.62	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

ROI Received on Ice

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

MQL Method Quantitation Limit

SQL Sample Quantitation Limit

UMQL Unadjusted MQL = MQL / Dilution

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 Sample

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

4/12/2021

Brent Barron, Laboratory Director/Corp. 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 432-563-1800.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79706 (432) 686-7235

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Company Name

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

Fax No:

e-mail:

Project Name:

Project #:

Project Loc:

PO #:

Report Format: ☒ Standard

☐ TRRP

☐ NPDES

ORDER #: IC19004

(lab use only)

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers								Matrix		Analyze For:		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
								Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable	Specify Other		
1	MW 23			3-17-21	1515		5	X													
2	MW 6				1539		1														
3	MW 2				1601		1														
4	MW 10				1619		1														
5	MW 3				1647		1														
6	RW 2			3-18-21	1105		1														
7	MW 26				1130		1														
8	RW 1				1207		1														
9	MW 25				1226		1														
10	MW 18				1247		1														

Special Instructions:

Relinquished by:

Relinquished by:

Relinquished by:

Date

Time

Received by:

Date

Time

Date

Time

Received by:

Date

Time

Date

Time

Received by:

Date

Time

Received by PBE:

Date

Time

Temperature Upon Receipt:

Adjusted:

°C Factor

UPS DHL FedEx Lone Star

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Custody seals on cooler(s)

Sample Hand Delivered

by Sampler/Client Rep?

by Courier?

UPS DHL FedEx Lone Star

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
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Fax: (432) 520-7701

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

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Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, TX 79701
432-686-7235

Analytical Report

Prepared for:

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



Certification Current

Project: 97-18
Project Number: TNM 97-18
Location:

Lab Order Number: 1F02004

Report Date: 06/10/21

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW30	1F02004-01	Water	05/27/21 11:01	06-02-2021 08:43
MW27	1F02004-02	Water	05/27/21 11:18	06-02-2021 08:43
MW20	1F02004-03	Water	05/27/21 11:46	06-02-2021 08:43
MW23	1F02004-04	Water	05/27/21 12:15	06-02-2021 08:43
MW2	1F02004-05	Water	05/27/21 12:38	06-02-2021 08:43
MW6	1F02004-06	Water	05/27/21 13:21	06-02-2021 08:43
MW3	1F02004-07	Water	05/27/21 13:47	06-02-2021 08:43
MW10	1F02004-08	Water	05/27/21 14:12	06-02-2021 08:43
RW1	1F02004-09	Water	05/27/21 14:52	06-02-2021 08:43
MW26	1F02004-10	Water	05/27/21 15:23	06-02-2021 08:43
MW18	1F02004-11	Water	05/27/21 15:57	06-02-2021 08:43
MW4	1F02004-12	Water	05/27/21 16:37	06-02-2021 08:43
MW17	1F02004-13	Water	05/28/21 10:46	06-02-2021 08:43
MW25	1F02004-14	Water	05/28/21 11:13	06-02-2021 08:43
MW24	1F02004-15	Water	05/28/21 11:45	06-02-2021 08:43

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC
Permian Basin Environmental Lab, L.P.

	Result	SQL	MQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW30 (1F02004-01) Water										
Benzene	<0.00100		0.00100	mg/L	1	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	<0.00100		0.00100	"	"	"	"	"	"	
Ethylbenzene	<0.00100		0.00100	"	"	"	"	"	"	
Xylene (p/m)	<0.00200		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			97.2 %	80-120		"	"	"	"	
Surrogate: 1,4-Difluorobenzene			95.8 %	80-120		"	"	"	"	
MW27 (1F02004-02) Water										
Benzene	<0.00100		0.00100	mg/L	1	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	<0.00100		0.00100	"	"	"	"	"	"	
Ethylbenzene	<0.00100		0.00100	"	"	"	"	"	"	
Xylene (p/m)	<0.00200		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			95.6 %	80-120		"	"	"	"	
Surrogate: 1,4-Difluorobenzene			98.2 %	80-120		"	"	"	"	
MW20 (1F02004-03) Water										
Benzene	<0.00100		0.00100	mg/L	1	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	<0.00100		0.00100	"	"	"	"	"	"	
Ethylbenzene	<0.00100		0.00100	"	"	"	"	"	"	
Xylene (p/m)	<0.00200		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			95.2 %	80-120		"	"	"	"	
Surrogate: 1,4-Difluorobenzene			95.4 %	80-120		"	"	"	"	
MW23 (1F02004-04) Water										
Benzene	<0.00100		0.00100	mg/L	1	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	<0.00100		0.00100	"	"	"	"	"	"	
Ethylbenzene	<0.00100		0.00100	"	"	"	"	"	"	
Xylene (p/m)	<0.00200		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			96.7 %	80-120		"	"	"	"	
Surrogate: 1,4-Difluorobenzene			95.9 %	80-120		"	"	"	"	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC
Permian Basin Environmental Lab, L.P.

	Result	SQL	MQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW2 (1F02004-05) Water										
Benzene	0.0889		0.00100	mg/L	1	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	0.0235		0.00100	"	"	"	"	"	"	
Ethylbenzene	0.00433		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.0459		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			100 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			106 %	80-120		"	"	"	"	
MW6 (1F02004-06) Water										
Benzene	0.0248		0.00100	mg/L	1	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	0.0121		0.00100	"	"	"	"	"	"	
Ethylbenzene	0.00643		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.0357		0.00200	"	"	"	"	"	"	
Xylene (o)	0.00786		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			105 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			108 %	80-120		"	"	"	"	
MW3 (1F02004-07) Water										
Benzene	0.272		0.00100	mg/L	1	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	0.00189		0.00100	"	"	"	"	"	"	
Ethylbenzene	<0.00100		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.00282		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			109 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			99.1 %	80-120		"	"	"	"	
MW10 (1F02004-08) Water										
Benzene	0.273		0.00100	mg/L	1	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	0.00590		0.00100	"	"	"	"	"	"	
Ethylbenzene	0.00220		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.0150		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			99.5 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			99.2 %	80-120		"	"	"	"	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC
Permian Basin Environmental Lab, L.P.

	Result	SQL	MQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
RW1 (1F02004-09) Water										
Benzene	0.870		0.0100	mg/L	10	P1F0405	06/04/21	06/07/21	EPA 8021B	
Toluene	0.0170		0.00100	"	1	"	"	06/04/21	"	
Ethylbenzene	0.118		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.112		0.00200	"	"	"	"	"	"	
Xylene (o)	0.0577		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			90.8 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			90.6 %	80-120		"	"	"	"	
MW26 (1F02004-10) Water										
Benzene	1.09		0.0100	mg/L	10	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	<0.00100		0.00100	"	1	"	"	06/07/21	"	
Ethylbenzene	<0.00100		0.00100	"	"	"	"	"	"	
Xylene (p/m)	<0.00200		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			109 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			94.9 %	80-120		"	"	"	"	
MW18 (1F02004-11) Water										
Benzene	1.46		0.0100	mg/L	10	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	<0.00100		0.00100	"	1	"	"	06/07/21	"	
Ethylbenzene	0.0139		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.140		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			119 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			98.2 %	80-120		"	"	"	"	
MW4 (1F02004-12) Water										
Benzene	2.58		0.0100	mg/L	10	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	0.0168		0.00100	"	1	"	"	06/07/21	"	
Ethylbenzene	0.0180		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.144		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			97.3 %	80-120		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>			87.9 %	80-120		"	"	"	"	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC
Permian Basin Environmental Lab, L.P.

	Result	SQL	MQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW17 (1F02004-13) Water										
Benzene	2.65		0.0100	mg/L	10	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	0.00472		0.00100	"	1	"	"	06/07/21	"	
Ethylbenzene	0.00725		0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.196		0.00200	"	"	"	"	"	"	
Xylene (o)	0.00146		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			123 %	80-120	"	"	"	"	"	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>			92.9 %	80-120	"	"	"	"	"	
MW25 (1F02004-14) Water										
Benzene	1.83		0.0100	mg/L	10	P1F0405	06/04/21	06/04/21	EPA 8021B	
Toluene	<0.00100		0.00100	"	1	"	"	06/07/21	"	
Ethylbenzene	<0.00100		0.00100	"	"	"	"	"	"	
Xylene (p/m)	<0.00200		0.00200	"	"	"	"	"	"	
Xylene (o)	<0.00100		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			122 %	80-120	"	"	"	"	"	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>			96.4 %	80-120	"	"	"	"	"	
MW24 (1F02004-15) Water										
Benzene	6.13		0.0500	mg/L	50	P1F0405	06/04/21	06/07/21	EPA 8021B	
Toluene	0.0108		0.00100	"	1	"	"	06/07/21	"	
Ethylbenzene	0.368		0.0500	"	50	"	"	06/07/21	"	
Xylene (p/m)	0.269		0.00200	"	1	"	"	06/07/21	"	
Xylene (o)	0.00342		0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			132 %	80-120	"	"	"	"	"	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>			84.7 %	80-120	"	"	"	"	"	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	MQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1F0405 - * DEFAULT PREP *****

Analyst: JLB/BB/SG

Blank (P1F0405-BLK1)

Prepared & Analyzed: 06/04/21

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		97.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

LCS (P1F0405-BS1)

Prepared & Analyzed: 06/04/21

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0958	0.00100	"	0.100		95.8	80-120			
Ethylbenzene	0.0933	0.00100	"	0.100		93.3	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.4	80-120			
Xylene (o)	0.0909	0.00100	"	0.100		90.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.7	80-120			

LCS Dup (P1F0405-BSD1)

Prepared & Analyzed: 06/04/21

Benzene	0.104	0.00100	mg/L	0.100		104	80-120	3.30	20	
Toluene	0.0997	0.00100	"	0.100		99.7	80-120	3.95	20	
Ethylbenzene	0.0972	0.00100	"	0.100		97.2	80-120	4.09	20	
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120	4.76	20	
Xylene (o)	0.0959	0.00100	"	0.100		95.9	80-120	5.27	20	
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

Calibration Blank (P1F0405-CCB1)

Prepared & Analyzed: 06/04/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	MQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1F0405 - * DEFAULT PREP *****

Analyst:ILB/BB/SC

Calibration Blank (P1F0405-CCB2)

Prepared & Analyzed: 06/04/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	80-120			

Calibration Blank (P1F0405-CCB3)

Prepared & Analyzed: 06/04/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			

Calibration Check (P1F0405-CCV1)

Prepared & Analyzed: 06/04/21

Benzene	0.0976	0.00100	mg/L	0.100		97.6	80-120			
Toluene	0.0932	0.00100	"	0.100		93.2	80-120			
Ethylbenzene	0.0955	0.00100	"	0.100		95.5	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.4	80-120			
Xylene (o)	0.0903	0.00100	"	0.100		90.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.4	80-120			

Calibration Check (P1F0405-CCV2)

Prepared & Analyzed: 06/04/21

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0970	0.00100	"	0.100		97.0	80-120			
Ethylbenzene	0.0988	0.00100	"	0.100		98.8	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		98.1	80-120			
Xylene (o)	0.0948	0.00100	"	0.100		94.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	MQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1F0405 - * DEFAULT PREP *****

Analyst:ILB/BB/SC

Calibration Check (P1F0405-CCV3)

Prepared & Analyzed: 06/04/21

Benzene	0.109	0.00100	mg/L	0.100		109	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0984	0.00100	"	0.100		98.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	80-120			

Matrix Spike (P1F0405-MS1)

Source: 1F02004-01

Prepared & Analyzed: 06/04/21

Benzene	0.109	0.00100	mg/L	0.100	ND	109	80-120			
Toluene	0.103	0.00100	"	0.100	ND	103	80-120			
Ethylbenzene	0.0974	0.00100	"	0.100	ND	97.4	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200	ND	101	80-120			
Xylene (o)	0.0964	0.00100	"	0.100	ND	96.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.3	80-120			

Matrix Spike Dup (P1F0405-MSD1)

Source: 1F02004-01

Prepared & Analyzed: 06/04/21

Benzene	0.115	0.00100	mg/L	0.100	ND	115	80-120	5.34	20	
Toluene	0.108	0.00100	"	0.100	ND	108	80-120	4.23	20	
Ethylbenzene	0.101	0.00100	"	0.100	ND	101	80-120	3.84	20	
Xylene (p/m)	0.213	0.00200	"	0.200	ND	106	80-120	4.97	20	
Xylene (o)	0.102	0.00100	"	0.100	ND	102	80-120	5.21	20	
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.0	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

ROI Received on Ice

MQL Method Quantitation Limit

SQL Sample Quantitation Limit

UMQL Unadjusted MQL = MQL / Dilution

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 Sample

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date: 6/10/2021

Brent Barron, Laboratory Director/Corp. 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 432-563-1800.



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Ernst Stanley

Company Name

Company Address: O DESTA DI

City/State/Zip: Midland Tx 79705

Telephone No: 932) 520-4720

Fax No.:

Sampler Signature:

e-mail:

(lab use only)

ORDER #: F02004

Project Name: 7718

Project #:

Project Loc:

PO#

Report Format: ☒ Standard

☐ TRRP

☐ NPDES

Page 11 of 15

(lab use only)		ORDER #: F02004	
LAB # (lab use only)			
FIELD CODE		Beginning Depth	Ending Depth
1 MW 30			
2 MW 27			
3 MW 20			
4 MW 23			
5 MW 2			
6 MW 6			
7 MW 3			
8 MW 10			
9 RW 1			
10 MW 26			
Date Sampled	5-27-21	Time Sampled	1101
Field Filtered		Total #. of Containers	
Ice	X	HNO ₃	
HCl	X	H ₂ SO ₄	
NaOH		Na ₂ S ₂ O ₃	
None		Other (Specify)	
DW=Drinking Water SL=Sludge	(GND)	GW = Groundwater S=Soil/Solid	
NP=Non-Potable Specify Other			
TPH by TX 1005 8015B 8015M		Chloride	
BTEX by 8021B	X		
RUSH TAT (Pre-Schedule) 24, 48, 72 hrs			
Standard TAT			

Laboratory Comments:

Sample Containers Intact?

Labels on container(s)

Custody seals on cooler(s)

by Sampler/Client Re

Temperature Upon Receipt
Received: 4/1

Adjusted: 70.6

°C Factor 172

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

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Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Fax: (432) 520-7701

Permian Basin Environmental Lab, L.P.

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Project: 97-18
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**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

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

Project: 97-18
Project Number: TNM 97-18
Location:
Lab Order Number: 1130003



Current Certification

Report Date: 10/08/21

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW23	1130003-01	Water	09/29/21 11:08	09-30-2021 08:35
MW2	1130003-02	Water	09/29/21 11:27	09-30-2021 08:35
MW6	1130003-03	Water	09/29/21 11:45	09-30-2021 08:35
MW3	1130003-04	Water	09/29/21 12:11	09-30-2021 08:35
MW10	1130003-05	Water	09/29/21 12:39	09-30-2021 08:35
RW1	1130003-06	Water	09/29/21 13:06	09-30-2021 08:35
MW26	1130003-07	Water	09/29/21 13:31	09-30-2021 08:35
MW18	1130003-08	Water	09/29/21 13:50	09-30-2021 08:35
MW4	1130003-09	Water	09/29/21 14:10	09-30-2021 08:35
MW17	1130003-10	Water	09/29/21 14:25	09-30-2021 08:35
MW25	1130003-11	Water	09/29/21 14:43	09-30-2021 08:35
MW24	1130003-12	Water	09/29/21 15:04	09-30-2021 08:35

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW23
1130003-01 (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	P113003	09/30/21 15:07	09/30/21 21:08	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 21:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 21:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P113003	09/30/21 15:07	09/30/21 21:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 21:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.7 %		80-120		P113003	09/30/21 15:07	09/30/21 21:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P113003	09/30/21 15:07	09/30/21 21:08	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW2**1130003-02 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.0220	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:11	EPA 8021B	
Toluene	0.0249	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:11	EPA 8021B	
Ethylbenzene	0.0348	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:11	EPA 8021B	
Xylene (p/m)	0.101	0.00200	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:11	EPA 8021B	
Xylene (o)	0.0350	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:11	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>73.0 %</i>		<i>80-120</i>		<i>P113003</i>	<i>09/30/21 15:07</i>	<i>09/30/21 22:11</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>104 %</i>		<i>80-120</i>		<i>P113003</i>	<i>09/30/21 15:07</i>	<i>09/30/21 22:11</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW6
1130003-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0600	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:32	EPA 8021B	
Toluene	0.0216	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:32	EPA 8021B	
Ethylbenzene	0.0218	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:32	EPA 8021B	
Xylene (p/m)	0.112	0.00200	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:32	EPA 8021B	
Xylene (o)	0.0251	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	75.4 %		80-120		P113003	09/30/21 15:07	09/30/21 22:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.8 %		80-120		P113003	09/30/21 15:07	09/30/21 22:32	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
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Midland TX, 79705

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW3**1130003-04 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.183	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:53	EPA 8021B	
Toluene	0.00236	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:53	EPA 8021B	
Ethylbenzene	0.00277	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:53	EPA 8021B	
Xylene (p/m)	0.00406	0.00200	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:53	EPA 8021B	
Xylene (o)	0.00147	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 22:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.8 %		80-120		P113003	09/30/21 15:07	09/30/21 22:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.2 %		80-120		P113003	09/30/21 15:07	09/30/21 22:53	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW10
1130003-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.192	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:14	EPA 8021B	
Toluene	0.0115	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:14	EPA 8021B	
Ethylbenzene	0.00682	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:14	EPA 8021B	
Xylene (p/m)	0.0340	0.00200	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:14	EPA 8021B	
Xylene (o)	0.0102	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:14	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>93.5 %</i>		<i>80-120</i>		<i>P113003</i>	<i>09/30/21 15:07</i>	<i>09/30/21 23:14</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>82.5 %</i>		<i>80-120</i>		<i>P113003</i>	<i>09/30/21 15:07</i>	<i>09/30/21 23:14</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
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Midland TX, 79705

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

RW1**1130003-06 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.254	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:35	EPA 8021B	
Toluene	0.0164	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:35	EPA 8021B	
Ethylbenzene	0.0819	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:35	EPA 8021B	
Xylene (p/m)	0.112	0.00200	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:35	EPA 8021B	
Xylene (o)	0.0556	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:35	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>75.2 %</i>		<i>80-120</i>		<i>P113003</i>	<i>09/30/21 15:07</i>	<i>09/30/21 23:35</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>85.1 %</i>		<i>80-120</i>		<i>P113003</i>	<i>09/30/21 15:07</i>	<i>09/30/21 23:35</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW26
1130003-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.03	0.0100	mg/L	10	P113003	09/30/21 15:07	09/30/21 23:57	EPA 8021B	
Toluene	0.00217	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:57	EPA 8021B	
Ethylbenzene	0.00153	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:57	EPA 8021B	
Xylene (o)	0.00475	0.00100	mg/L	1	P113003	09/30/21 15:07	09/30/21 23:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.8 %		80-120		P113003	09/30/21 15:07	09/30/21 23:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.0 %		80-120		P113003	09/30/21 15:07	09/30/21 23:57	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW18
1130003-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.34	0.0100	mg/L	10	P113003	09/30/21 15:07	10/01/21 00:18	EPA 8021B	
Toluene	0.00617	0.00100	mg/L	1	P113003	09/30/21 15:07	10/01/21 00:18	EPA 8021B	
Ethylbenzene	0.0494	0.00100	mg/L	1	P113003	09/30/21 15:07	10/01/21 00:18	EPA 8021B	
Xylene (p/m)	0.177	0.00200	mg/L	1	P113003	09/30/21 15:07	10/01/21 00:18	EPA 8021B	
Xylene (o)	0.00201	0.00100	mg/L	1	P113003	09/30/21 15:07	10/01/21 00:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.6 %		80-120		P113003	09/30/21 15:07	10/01/21 00:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.6 %		80-120		P113003	09/30/21 15:07	10/01/21 00:18	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW4**1130003-09 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	2.03	0.0100	mg/L	10	P113003	09/30/21 15:07	10/01/21 00:39	EPA 8021B	
Toluene	0.0521	0.0100	mg/L	10	P113003	09/30/21 15:07	10/01/21 00:39	EPA 8021B	
Ethylbenzene	0.0554	0.0100	mg/L	10	P113003	09/30/21 15:07	10/01/21 00:39	EPA 8021B	
Xylene (p/m)	0.474	0.0200	mg/L	10	P113003	09/30/21 15:07	10/01/21 00:39	EPA 8021B	
Xylene (o)	0.0290	0.0100	mg/L	10	P113003	09/30/21 15:07	10/01/21 00:39	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>102 %</i>		<i>80-120</i>		<i>P113003</i>	<i>09/30/21 15:07</i>	<i>10/01/21 00:39</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>90.0 %</i>		<i>80-120</i>		<i>P113003</i>	<i>09/30/21 15:07</i>	<i>10/01/21 00:39</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW17
1130003-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	2.07	0.0100	mg/L	10	P113003	09/30/21 15:07	10/01/21 01:00	EPA 8021B	
Toluene	0.00689	0.00100	mg/L	1	P113003	09/30/21 15:07	10/01/21 01:00	EPA 8021B	
Ethylbenzene	0.00784	0.00100	mg/L	1	P113003	09/30/21 15:07	10/01/21 01:00	EPA 8021B	
Xylene (p/m)	0.205	0.00200	mg/L	1	P113003	09/30/21 15:07	10/01/21 01:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P113003	09/30/21 15:07	10/01/21 01:00	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>102 %</i>		<i>80-120</i>		<i>P113003</i>	<i>09/30/21 15:07</i>	<i>10/01/21 01:00</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>94.2 %</i>		<i>80-120</i>		<i>P113003</i>	<i>09/30/21 15:07</i>	<i>10/01/21 01:00</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW25
1130003-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.553	0.0100	mg/L	10	P113003	09/30/21 15:07	10/01/21 01:21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P113003	09/30/21 15:07	10/01/21 01:21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P113003	09/30/21 15:07	10/01/21 01:21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P113003	09/30/21 15:07	10/01/21 01:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P113003	09/30/21 15:07	10/01/21 01:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.8 %		80-120		P113003	09/30/21 15:07	10/01/21 01:21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.6 %		80-120		P113003	09/30/21 15:07	10/01/21 01:21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW24
1130003-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	5.73	0.0500	mg/L	50	P1J0411	10/04/21 15:40	10/05/21 11:10	EPA 8021B	
Toluene	0.0102	0.00100	mg/L	1	P1J0411	10/04/21 15:40	10/04/21 19:36	EPA 8021B	
Ethylbenzene	0.650	0.0100	mg/L	10	P1J0411	10/04/21 15:40	10/04/21 19:15	EPA 8021B	
Xylene (p/m)	0.480	0.0200	mg/L	10	P1J0411	10/04/21 15:40	10/04/21 19:15	EPA 8021B	
Xylene (o)	0.00419	0.00100	mg/L	1	P1J0411	10/04/21 15:40	10/04/21 19:36	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104 %</i>		<i>80-120</i>		<i>P1J0411</i>	<i>10/04/21 15:40</i>	<i>10/04/21 19:15</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>90.1 %</i>		<i>80-120</i>		<i>P1J0411</i>	<i>10/04/21 15:40</i>	<i>10/04/21 19:15</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
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 P113003 - * DEFAULT PREP *****

Blank (P113003-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 (P113003-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 (P113003-BS1)

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 (P113003-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			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
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 P113003 - * DEFAULT PREP *****

Calibration Check (P113003-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 (P113003-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 (P113003-MS1)

Source: 1129001-01

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 (P113003-MSD1)

Source: 1129001-01

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			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
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 P1J0411 - * DEFAULT PREP *****

Blank (P1J0411-BLK1)

Prepared & Analyzed: 10/04/21

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		98.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

LCS (P1J0411-BS1)

Prepared & Analyzed: 10/04/21

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0990	0.00100	"	0.100		99.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.6	80-120			

LCS Dup (P1J0411-BSD1)

Prepared & Analyzed: 10/04/21

Benzene	0.111	0.00100	mg/L	0.100		111	80-120	0.389	20	
Toluene	0.114	0.00100	"	0.100		114	80-120	1.01	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	1.23	20	
Xylene (p/m)	0.207	0.00200	"	0.200		103	80-120	1.51	20	
Xylene (o)	0.100	0.00100	"	0.100		100	80-120	1.01	20	
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.9	80-120			

Calibration Blank (P1J0411-CCB1)

Prepared & Analyzed: 10/04/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.250		"							
Xylene (p/m)	0.580		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
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 P1J0411 - * DEFAULT PREP *****

Calibration Blank (P1J0411-CCB2)

Prepared & Analyzed: 10/04/21

Benzene	0.860		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.430		"							
Xylene (p/m)	0.850		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Check (P1J0411-CCV1)

Prepared & Analyzed: 10/04/21

Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.5	80-120			

Calibration Check (P1J0411-CCV2)

Prepared & Analyzed: 10/04/21

Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.4	80-120			

Matrix Spike (P1J0411-MS1)

Source: 1130003-12

Prepared & Analyzed: 10/04/21

Benzene	ND	0.00100	mg/L	0.100	5.73	NR	80-120			QM-07
Toluene	0.115	0.00100	"	0.100	0.0102	105	80-120			
Ethylbenzene	ND	0.00100	"	0.100	0.650	NR	80-120			QM-07
Xylene (p/m)	0.362	0.00200	"	0.200	0.480	NR	80-120			QM-07
Xylene (o)	0.0958	0.00100	"	0.100	0.00419	91.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Notes and Definitions

ROI Received on Ice

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

pH1 The Regulatory Holding time for pH is < 1 Hour, Analysis should be done in the field.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

10/8/2021

Brent Barron, Laboratory Director/Technical Director

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

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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



Analytical Report Rev. 1

Prepared for:

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

Project: 97-18
Project Number: TNM 97-18
Location: New Mexico
Lab Order Number: 1L03004



Current Certification

Report Date: 12/10/21

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW27	1L03004-01	Water	12/02/21 15:14	12-03-2021 08:00

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW27
1L03004-01 (Water)

Analyte	Limit Result	Reporting 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 16:39	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 16:39	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 16:39	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 16:39	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 16:39	EPA 8021B
Surrogate: 4-Bromofluorobenzene	95.5 %	80-120		P1L0805	12/08/21 09:36	12/08/21 16:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.4 %	80-120		P1L0805	12/08/21 09:36	12/08/21 16:39	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
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 *****

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			

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			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
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-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			

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			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
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 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			

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			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Notes and Definitions

ROI Received on Ice
pH1 The Regulatory Holding time for pH is < 1 Hour, Analysis should be done in the field.
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date: 12/10/2021

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.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

PBETLAB

DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

Sample Receipt Checklist

Yes	Notes
☒	Chain of custody, present?
☒	Chain of custody signed/dated/time when relinquished and received?
☒	Sample date/time present on COC for all samples?
☒	Sampler's name present on COC?
☒	Chain of custody agrees with sample labels?
☒	Sample containers intact?
☒	Custody seals intact on sample bottles?
☒	Samples in proper container/bottle?
☒	Sufficient sample volume for indicated test?
☒	All samples received within holding time?
☒	Samples received within appropriate temp?
☒	Analysis requested for all samples submitted?
☒	Shipping container/cooler in good condition?
☒	Custody seals intact on shipping container/cooler?

Login Notes:
HCL VOA X 3
Amber
IL08004

PBEL_SAMPLE_CHECKLIST_2021_1

Page 1 of 2

PBETLAB

DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

Resolution:

Client Contacted

Name:

Date/Time:

NC Initiated by: _____ Approved by: _____

PBEL_SAMPLE_CHECKLIST_2021_1

Page 2 of 2

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



Analytical Report

Prepared for:

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

Project: 97-18
Project Number: TNM 97-18
Location:
Lab Order Number: 1L02003



Current Certification

Report Date: 12/16/21

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW11	1L02003-01	Water	12/01/21 10:09	12-02-2021 08:43
MW14	1L02003-02	Water	12/01/21 10:21	12-02-2021 08:43
MW15	1L02003-03	Water	12/01/21 10:35	12-02-2021 08:43
MW16	1L02003-04	Water	12/01/21 10:58	12-02-2021 08:43
MW21	1L02003-05	Water	12/01/21 11:13	12-02-2021 08:43
MW22	1L02003-06	Water	12/01/21 11:30	12-02-2021 08:43
MW28	1L02003-07	Water	12/01/21 11:47	12-02-2021 08:43
MW8	1L02003-08	Water	12/01/21 12:12	12-02-2021 08:43
MW9	1L02003-09	Water	12/01/21 12:39	12-02-2021 08:43
MW12	1L02003-10	Water	12/01/21 12:58	12-02-2021 08:43
MW30	1L02003-11	Water	12/01/21 13:21	12-02-2021 08:43
MW20	1L02003-12	Water	12/01/21 13:40	12-02-2021 08:43
MW23	1L02003-13	Water	12/01/21 13:58	12-02-2021 08:43
MW3	1L02003-14	Water	12/01/21 14:17	12-02-2021 08:43
MW10	1L02003-15	Water	12/01/21 14:35	12-02-2021 08:43
RW1	1L02003-16	Water	12/01/21 14:59	12-02-2021 08:43
MW25	1L02003-17	Water	12/01/21 15:22	12-02-2021 08:43
MW26	1L02003-18	Water	12/01/21 15:40	12-02-2021 08:43
MW18	1L02003-19	Water	12/01/21 16:03	12-02-2021 08:43
MW17	1L02003-20	Water	12/01/21 16:20	12-02-2021 08:43
MW24	1L02003-21	Water	12/01/21 16:37	12-02-2021 08:43

LL PAHs by 8270 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
10 Desta Dr STE 150E
Midland TX, 79705

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW11
1L02003-01 (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	P1L0210	12/02/21 13:59	12/02/21 23:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 23:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 23:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 23:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/02/21 23:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.4 %		80-120		P1L0210	12/02/21 13:59	12/02/21 23:42	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.3 %		80-120		P1L0210	12/02/21 13:59	12/02/21 23:42	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW14**1L02003-02 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 00:03	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 00:03	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 00:03	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 00:03	EPA 8021B
Xylene (o)	0.00209	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 00:03	EPA 8021B
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P1L0210	12/02/21 13:59	12/03/21 00:03	EPA 8021B
Surrogate: 1,4-Difluorobenzene	97.4 %		80-120		P1L0210	12/02/21 13:59	12/03/21 00:03	EPA 8021B

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW15
1L02003-03 (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	P1L0210	12/02/21 13:59	12/03/21 00:24	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 00:24	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 00:24	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 00:24	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0210	12/02/21 13:59	12/03/21 00:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.0 %		80-120		P1L0210	12/02/21 13:59	12/03/21 00:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.8 %		80-120		P1L0210	12/02/21 13:59	12/03/21 00:24	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW16
1L02003-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:13	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.4 %		80-120		P1L0211	12/02/21 14:06	12/03/21 03:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.9 %		80-120		P1L0211	12/02/21 14:06	12/03/21 03:13	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW21
1L02003-05 (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	P1L0211	12/02/21 14:06	12/03/21 03:34	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:34	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:34	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:34	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.2 %		80-120		P1L0211	12/02/21 14:06	12/03/21 03:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P1L0211	12/02/21 14:06	12/03/21 03:34	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW22
1L02003-06 (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	P1L0211	12/02/21 14:06	12/03/21 03:55	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:55	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:55	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:55	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 03:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.8 %		80-120		P1L0211	12/02/21 14:06	12/03/21 03:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.6 %		80-120		P1L0211	12/02/21 14:06	12/03/21 03:55	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Curt Stanley

MW28
1L02003-07 (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	P1L0211	12/02/21 14:06	12/03/21 04:17	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:17	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:17	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:17	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.9 %		80-120		P1L0211	12/02/21 14:06	12/03/21 04:17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.9 %		80-120		P1L0211	12/02/21 14:06	12/03/21 04:17	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW8**1L02003-08 (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	P1L0211	12/02/21 14:06	12/03/21 04:38	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.0 %		80-120		P1L0211	12/02/21 14:06	12/03/21 04:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P1L0211	12/02/21 14:06	12/03/21 04:38	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW9**1L02003-09 (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	P1L0211	12/02/21 14:06	12/03/21 04:59	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 04:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.9 %		80-120		P1L0211	12/02/21 14:06	12/03/21 04:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.4 %		80-120		P1L0211	12/02/21 14:06	12/03/21 04:59	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW12
1L02003-10 (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	P1L0211	12/02/21 14:06	12/03/21 05:20	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 05:20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 05:20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 05:20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 05:20	EPA 8021B
Surrogate: 4-Bromofluorobenzene	96.9 %		80-120		P1L0211	12/02/21 14:06	12/03/21 05:20	EPA 8021B
Surrogate: 1,4-Difluorobenzene	97.5 %		80-120		P1L0211	12/02/21 14:06	12/03/21 05:20	EPA 8021B

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Curt Stanley

MW30
1L02003-11 (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	P1L0211	12/02/21 14:06	12/03/21 05:41	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 05:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 05:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 05:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 05:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.0 %		80-120		P1L0211	12/02/21 14:06	12/03/21 05:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.5 %		80-120		P1L0211	12/02/21 14:06	12/03/21 05:41	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW20
1L02003-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00149	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 06:02	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 06:02	EPA 8021B
Ethylbenzene	0.00133	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 06:02	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 06:02	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 06:02	EPA 8021B
Surrogate: 4-Bromofluorobenzene	96.4 %	80-120			P1L0211	12/02/21 14:06	12/03/21 06:02	EPA 8021B
Surrogate: 1,4-Difluorobenzene	98.4 %	80-120			P1L0211	12/02/21 14:06	12/03/21 06:02	EPA 8021B

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW23
1L02003-13 (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	P1L0211	12/02/21 14:06	12/03/21 06:23	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 06:23	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 06:23	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 06:23	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 06:23	EPA 8021B
Surrogate: 4-Bromofluorobenzene	96.2 %		80-120		P1L0211	12/02/21 14:06	12/03/21 06:23	EPA 8021B
Surrogate: 1,4-Difluorobenzene	99.1 %		80-120		P1L0211	12/02/21 14:06	12/03/21 06:23	EPA 8021B

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW3**1L02003-14 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.176	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 07:27	EPA 8021B	
Toluene	0.00108	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 07:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 07:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 07:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 07:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.5 %		80-120		P1L0211	12/02/21 14:06	12/03/21 07:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.7 %		80-120		P1L0211	12/02/21 14:06	12/03/21 07:27	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW10
1L02003-15 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.263	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 07:48	EPA 8021B	
Toluene	0.00238	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 07:48	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 07:48	EPA 8021B	
Xylene (p/m)	0.00397	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 07:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 07:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.0 %		80-120		P1L0211	12/02/21 14:06	12/03/21 07:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.7 %		80-120		P1L0211	12/02/21 14:06	12/03/21 07:48	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0072	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
2-Methylnaphthalene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Acenaphthene	0.0010	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Acenaphthylene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Anthracene	0.00016	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Benzo (a) anthracene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Benzo (a) pyrene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Chrysene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Dibenzofuran	0.0014	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Fluoranthene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Fluorene	0.0011	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Naphthalene	0.00038	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Phenanthrene	0.0015	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13
Pyrene	ND	0.000099	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 15:47	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

RW1
1L02003-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.372	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 08:09	EPA 8021B	
Toluene	0.00573	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 08:09	EPA 8021B	
Ethylbenzene	0.0686	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 08:09	EPA 8021B	
Xylene (p/m)	0.0751	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 08:09	EPA 8021B	
Xylene (o)	0.0411	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 08:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %	80-120			P1L0211	12/02/21 14:06	12/03/21 08:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.5 %	80-120			P1L0211	12/02/21 14:06	12/03/21 08:09	EPA 8021B	

PAH compounds by Semivolatiles GCMS

1-Methylnaphthalene	0.038	0.0010	mg/L	1	P1L1402	12/06/21 12:08	12/10/21 17:09	8270C	SUB-13
2-Methylnaphthalene	0.029	0.0010	mg/L	1	P1L1402	12/06/21 12:08	12/10/21 14:09	8270C	SUB-13
Acenaphthene	0.0027	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Anthracene	0.00053	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Dibenzofuran	0.0031	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Fluorene	0.0021	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Naphthalene	0.018	0.0010	mg/L	1	P1L1402	12/06/21 12:08	12/10/21 14:09	8270C	SUB-13
Phenanthrene	0.0078	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:07	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW25**1L02003-17 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.126	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:02	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:02	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:02	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:02	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.7 %		80-120		P1L0211	12/02/21 14:06	12/03/21 15:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.4 %		80-120		P1L0211	12/02/21 14:06	12/03/21 15:02	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW26
1L02003-18 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.647	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:23	EPA 8021B	
Toluene	0.00147	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:23	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:23	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:23	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P1L0211	12/02/21 14:06	12/03/21 15:23	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.8 %		80-120		P1L0211	12/02/21 14:06	12/03/21 15:23	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW18
1L02003-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.916	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:45	EPA 8021B	
Toluene	0.00345	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:45	EPA 8021B	
Ethylbenzene	0.0451	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:45	EPA 8021B	
Xylene (p/m)	0.157	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:45	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 15:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.6 %		80-120		P1L0211	12/02/21 14:06	12/03/21 15:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.8 %		80-120		P1L0211	12/02/21 14:06	12/03/21 15:45	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.033	0.0010	mg/L	1	P1L1402	12/06/21 12:08	12/10/21 14:30	8270C	SUB-13
2-Methylnaphthalene	0.00073	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Acenaphthene	0.00090	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Acenaphthylene	0.00034	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Dibenzofuran	0.0024	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Fluorene	0.0014	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Naphthalene	0.0073	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Phenanthrene	0.0020	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:28	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW17
1L02003-20 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.13	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 16:06	EPA 8021B	
Toluene	0.00391	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 16:06	EPA 8021B	
Ethylbenzene	0.00452	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 16:06	EPA 8021B	
Xylene (p/m)	0.154	0.00200	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 16:06	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0211	12/02/21 14:06	12/03/21 16:06	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>92.4 %</i>		<i>80-120</i>		<i>P1L0211</i>	<i>12/02/21 14:06</i>	<i>12/03/21 16:06</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>97.0 %</i>		<i>80-120</i>		<i>P1L0211</i>	<i>12/02/21 14:06</i>	<i>12/03/21 16:06</i>	<i>EPA 8021B</i>	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.051	0.0010	mg/L	1	P1L1402	12/06/21 12:08	12/10/21 14:50	8270C	SUB-13
2-Methylnaphthalene	0.0080	0.0010	mg/L	1	P1L1402	12/06/21 12:08	12/10/21 14:50	8270C	SUB-13
Acenaphthene	0.0010	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Acenaphthylene	0.00029	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Anthracene	0.00014	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Chrysene	0.00014	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Dibenzofuran	0.0035	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Fluoranthene	0.00012	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Fluorene	0.0020	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Naphthalene	0.019	0.0010	mg/L	1	P1L1402	12/06/21 12:08	12/10/21 14:50	8270C	SUB-13
Phenanthrene	0.0025	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L1402	12/06/21 12:08	12/09/21 16:48	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas	Project: 97-18
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Curt Stanley

MW24
1L02003-21 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	5.93	0.0500	mg/L	50	P1L0211	12/02/21 14:06	12/03/21 16:27	EPA 8021B	
Toluene	0.0107	0.0100	mg/L	10	P1L0211	12/02/21 14:06	12/03/21 16:27	EPA 8021B	
Ethylbenzene	0.756	0.0100	mg/L	10	P1L0211	12/02/21 14:06	12/03/21 16:27	EPA 8021B	
Xylene (p/m)	0.283	0.0200	mg/L	10	P1L0211	12/02/21 14:06	12/03/21 16:27	EPA 8021B	
Xylene (o)	0.0108	0.0100	mg/L	10	P1L0211	12/02/21 14:06	12/03/21 16:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	91.4 %	80-120			P1L0211	12/02/21 14:06	12/03/21 16:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.4 %	80-120			P1L0211	12/02/21 14:06	12/03/21 16:27	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1L0210 - * DEFAULT PREP *****

Blank (P1L0210-BLK1)

Prepared & Analyzed: 12/02/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.5	80-120			

LCS (P1L0210-BS1)

Prepared & Analyzed: 12/02/21

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0939	0.00100	"	0.100		93.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.6	80-120			

LCS Dup (P1L0210-BSD1)

Prepared & Analyzed: 12/02/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120	4.65	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	5.21	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	6.38	20	
Xylene (p/m)	0.221	0.00200	"	0.200		111	80-120	5.28	20	
Xylene (o)	0.0983	0.00100	"	0.100		98.3	80-120	4.56	20	
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.7	80-120			

Calibration Check (P1L0210-CCV1)

Prepared & Analyzed: 12/02/21

Benzene	0.0992	0.00100	mg/L	0.100		99.2	80-120			
Toluene	0.0979	0.00100	"	0.100		97.9	80-120			
Ethylbenzene	0.0980	0.00100	"	0.100		98.0	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0922	0.00100	"	0.100		92.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.5	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1L0210 - * DEFAULT PREP *****

Calibration Check (P1L0210-CCV2)

Prepared & Analyzed: 12/02/21

Benzene	0.0945	0.00100	mg/L	0.100		94.5	80-120			
Toluene	0.0923	0.00100	"	0.100		92.3	80-120			
Ethylbenzene	0.0913	0.00100	"	0.100		91.3	80-120			
Xylene (p/m)	0.191	0.00200	"	0.200		95.5	80-120			
Xylene (o)	0.0867	0.00100	"	0.100		86.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	80-120			

Calibration Check (P1L0210-CCV3)

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0966	0.00100	"	0.100		96.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

Matrix Spike (P1L0210-MS1)

Source: 1K22005-02

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	1.05	0.00100	mg/L	0.100	0.765	289	80-120			QM-05
Toluene	1.77	0.00100	"	0.100	1.15	621	80-120			QM-05
Ethylbenzene	0.176	0.00100	"	0.100	0.0235	153	80-120			QM-05
Xylene (p/m)	0.981	0.00200	"	0.200	0.373	304	80-120			QM-05
Xylene (o)	0.375	0.00100	"	0.100	0.109	265	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			

Matrix Spike Dup (P1L0210-MSD1)

Source: 1K22005-02

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	1.03	0.00100	mg/L	0.100	0.765	269	80-120	7.21	20	QM-05
Toluene	1.73	0.00100	"	0.100	1.15	580	80-120	6.86	20	QM-05
Ethylbenzene	0.172	0.00100	"	0.100	0.0235	148	80-120	3.23	20	QM-05
Xylene (p/m)	0.967	0.00200	"	0.200	0.373	297	80-120	2.35	20	QM-05
Xylene (o)	0.372	0.00100	"	0.100	0.109	263	80-120	0.946	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
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 P1L0211 - * DEFAULT PREP *****

Blank (P1L0211-BLK1)

Prepared: 12/02/21 Analyzed: 12/03/21

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		96.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

LCS (P1L0211-BS1)

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	0.100	0.00100	mg/L	0.100		100	80-120			
Toluene	0.0997	0.00100	"	0.100		99.7	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0929	0.00100	"	0.100		92.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120			

LCS Dup (P1L0211-BS1)

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	0.103	0.00100	mg/L	0.100		103	80-120	3.04	20	
Toluene	0.103	0.00100	"	0.100		103	80-120	2.88	20	
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120	3.31	20	
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120	2.87	20	
Xylene (o)	0.0961	0.00100	"	0.100		96.1	80-120	3.43	20	
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

Calibration Check (P1L0211-CCV1)

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0966	0.00100	"	0.100		96.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
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 P1L0211 - * DEFAULT PREP *****

Calibration Check (P1L0211-CCV2)

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	0.0980	0.00100	mg/L	0.100		98.0	80-120			
Toluene	0.0955	0.00100	"	0.100		95.5	80-120			
Ethylbenzene	0.0950	0.00100	"	0.100		95.0	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		99.9	80-120			
Xylene (o)	0.0903	0.00100	"	0.100		90.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

Calibration Check (P1L0211-CCV3)

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	0.0987	0.00100	mg/L	0.100		98.7	80-120			
Toluene	0.0958	0.00100	"	0.100		95.8	80-120			
Ethylbenzene	0.0959	0.00100	"	0.100		95.9	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0920	0.00100	"	0.100		92.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120			

Matrix Spike (P1L0211-MS1)

Source: 1L02003-04

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	0.105	0.00100	mg/L	0.100	ND	105	80-120			
Toluene	0.101	0.00100	"	0.100	ND	101	80-120			
Ethylbenzene	0.108	0.00100	"	0.100	ND	108	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200	ND	105	80-120			
Xylene (o)	0.0934	0.00100	"	0.100	ND	93.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		101	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
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.

pH1 The Regulatory Holding time for pH is < 1 Hour, Analysis should be done in the field.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

12/16/2021

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.

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18
Project Number: TNM 97-18
Project Manager: Curt Stanley

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

PBBLAB

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

~~Permian Basin Environmental Lab, LP~~ /TRC

Company Address:

10 Dester Dr

City/State/Zip:

Midland TX 79705

Telephone No:

432) 530-7720

Fax No:

Sampler Signature:

[Signature]

e-mail:

Project Name:

97-18

Project #:

Project Loc:

PO #:

Report Format:

☒ Standard☐ TRRP☐ NPDES

(Lab use only)

ORDER #: 1102003

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 80218/6030 or BTEX 8260

Preservation & # of Containers

Matrix

Analyze For:

TCLP:

TOTAL:

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Location: 10012

VOCs Free of Headspace?

Seals of Containers?

Custody seals on containers?

Sample Hand Delivered?

by Courier? USPS DHL FedEx Lurie Sta

Temperature Upon Receipt:

Adjusted: 5.2

to Factor: 1.02

PERMALAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

3 of 3

Phone: 432-688-7235

Project Manager:

Company Name

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

e-mail:

(Lab use only)

ORDER #: 1202003

Project Name:

Project #:

Project Loc:

PO #:

Report Format:

☒ Standard☐ TRRP☐ NPDES

Analyze For:

TOTAL:

TCLP:

Anions (Cl, SO4, Alkalinity)

BTEX 8021B/5030 or BTEX 8260

PAH

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

LAB # (Lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW=Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: TX 1005 TX 1006

Anions (Cl, SO4, Alkalinity)

BTEX 8021B/5030 or BTEX 8260

PAH

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

VOCs Free of Headspace?

Custody seals on container(s)?

Sample Field Delivered?

by Courier? ☐ UPS ☐ DHL ☐ FedEx ☐ Other

Temperature Upon Receipt: 4.2 °C



DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

Sample Receipt Checklist

Yes	Notes
☒	Chain of custody signed/dated/time when relinquished and received?
☒	Samplers name present on COC for all samples?
☒	Samplers name present on COC?
☒	Sample containers intact?
☒	Custody seals intact on sample/bottle?
☒	Samples in proper container/bottle?
☒	All samples received within holding time?
☒	Analysis requested for all samples submitted?
☒	Custody seals intact on shipping container/cooler?

Login Notes:

3HCL VHA
3 Amber VHA's for P4H
1E02003

PBEL_SAMPLE_CHECKLIST_2021_1

Page 1 of 2



DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

Resolution:

Client Contacted

Name: _____

Date/Time: _____

NC Initiated by: _____ Approved by: _____

PBEL_SAMPLE_CHECKLIST_2021_1

Page 2 of 2



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

December 10, 2021

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

Work Order: **HS21120194**

Laboratory Results for: **1L02003**

Dear Brent Barron,

ALS Environmental received 5 sample(s) on Dec 03, 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,

Generated By: JUMOKE.LAWAL
Bernadette A. Fini
Project Manager

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L02003
Work Order: HS21120194

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21120194-01	1L02003-15	Water		01-Dec-2021 14:35	03-Dec-2021 10:45	☐
HS21120194-02	1L02003-16	Water		01-Dec-2021 14:59	03-Dec-2021 10:45	☐
HS21120194-03	1L02003-19	Water		01-Dec-2021 16:03	03-Dec-2021 10:45	☐
HS21120194-04	1L02003-20	Water		01-Dec-2021 16:20	03-Dec-2021 10:45	☐
HS21120194-05	1L02003-22	Water		01-Dec-2021 17:08	03-Dec-2021 10:45	☐

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L02003
Work Order: HS21120194

CASE NARRATIVE

GCMS Semivolatiles by Method SW8270

Batch ID: 173210

Sample ID: LCS-173210

- LCS was spiked with 2xs the normal amount.

Sample ID: LCSD-173210

- The RPD between the LCS and LCSD was outside of the control limit. Due to double spike of LCS

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L02003
 Sample ID: 1L02003-15
 Collection Date: 01-Dec-2021 14:35

ANALYTICAL REPORT

WorkOrder:HS21120194
 Lab ID:HS21120194-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270			Prep:SW3511 / 06-Dec-2021	Analyst: JJJ
1-Methylnaphthalene	7.21	n	0.0992	ug/L	1	09-Dec-2021 15:47
2-Methylnaphthalene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Acenaphthene	1.01		0.0992	ug/L	1	09-Dec-2021 15:47
Acenaphthylene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Anthracene	0.164		0.0992	ug/L	1	09-Dec-2021 15:47
Benz(a)anthracene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Benzo(a)pyrene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Benzo(b)fluoranthene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Benzo(g,h,i)perylene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Benzo(k)fluoranthene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Chrysene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Dibenz(a,h)anthracene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Dibenzofuran	1.42		0.0992	ug/L	1	09-Dec-2021 15:47
Fluoranthene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Fluorene	1.09		0.0992	ug/L	1	09-Dec-2021 15:47
Indeno(1,2,3-cd)pyrene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Naphthalene	0.384		0.0992	ug/L	1	09-Dec-2021 15:47
Phenanthrene	1.47		0.0992	ug/L	1	09-Dec-2021 15:47
Pyrene	ND		0.0992	ug/L	1	09-Dec-2021 15:47
Surr: 2-Fluorobiphenyl	53.7		32-130	%REC	1	09-Dec-2021 15:47
Surr: 4-Terphenyl-d14	78.4		40-135	%REC	1	09-Dec-2021 15:47
Surr: Nitrobenzene-d5	66.3		45-142	%REC	1	09-Dec-2021 15:47

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

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L02003
 Sample ID: 1L02003-16
 Collection Date: 01-Dec-2021 14:59

ANALYTICAL REPORT

WorkOrder:HS21120194
 Lab ID:HS21120194-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 06-Dec-2021		Analyst: JLJ
1-Methylnaphthalene	38.2	n	1.01	ug/L	10	10-Dec-2021 14:09
2-Methylnaphthalene	28.9		1.01	ug/L	10	10-Dec-2021 14:09
Acenaphthene	2.72		0.101	ug/L	1	09-Dec-2021 16:07
Acenaphthylene	ND		0.101	ug/L	1	09-Dec-2021 16:07
Anthracene	0.526		0.101	ug/L	1	09-Dec-2021 16:07
Benz(a)anthracene	ND		0.101	ug/L	1	09-Dec-2021 16:07
Benzo(a)pyrene	ND		0.101	ug/L	1	09-Dec-2021 16:07
Benzo(b)fluoranthene	ND		0.101	ug/L	1	09-Dec-2021 16:07
Benzo(g,h,i)perylene	ND		0.101	ug/L	1	09-Dec-2021 16:07
Benzo(k)fluoranthene	ND		0.101	ug/L	1	09-Dec-2021 16:07
Chrysene	ND		0.101	ug/L	1	09-Dec-2021 16:07
Dibenz(a,h)anthracene	ND		0.101	ug/L	1	09-Dec-2021 16:07
Dibenzofuran	3.09		0.101	ug/L	1	09-Dec-2021 16:07
Fluoranthene	ND		0.101	ug/L	1	09-Dec-2021 16:07
Fluorene	2.11		0.101	ug/L	1	09-Dec-2021 16:07
Indeno(1,2,3-cd)pyrene	ND		0.101	ug/L	1	09-Dec-2021 16:07
Naphthalene	17.7		1.01	ug/L	10	10-Dec-2021 14:09
Phenanthrene	7.83		0.101	ug/L	1	09-Dec-2021 16:07
Pyrene	ND		0.101	ug/L	1	09-Dec-2021 16:07
Surr: 2-Fluorobiphenyl	44.0		32-130	%REC	1	09-Dec-2021 16:07
Surr: 2-Fluorobiphenyl	89.5		32-130	%REC	10	10-Dec-2021 14:09
Surr: 4-Terphenyl-d14	96.0		40-135	%REC	10	10-Dec-2021 14:09
Surr: 4-Terphenyl-d14	57.4		40-135	%REC	1	09-Dec-2021 16:07
Surr: Nitrobenzene-d5	58.3		45-142	%REC	1	09-Dec-2021 16:07
Surr: Nitrobenzene-d5	57.0		45-142	%REC	10	10-Dec-2021 14:09

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

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L02003
 Sample ID: 1L02003-19
 Collection Date: 01-Dec-2021 16:03

ANALYTICAL REPORT

WorkOrder:HS21120194
 Lab ID:HS21120194-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 06-Dec-2021		Analyst: JLJ
1-Methylnaphthalene	33.1	n	1.01	ug/L	10	10-Dec-2021 14:30
2-Methylnaphthalene	0.732		0.101	ug/L	1	09-Dec-2021 16:28
Acenaphthene	0.901		0.101	ug/L	1	09-Dec-2021 16:28
Acenaphthylene	0.337		0.101	ug/L	1	09-Dec-2021 16:28
Anthracene	ND		0.101	ug/L	1	09-Dec-2021 16:28
Benz(a)anthracene	ND		0.101	ug/L	1	09-Dec-2021 16:28
Benzo(a)pyrene	ND		0.101	ug/L	1	09-Dec-2021 16:28
Benzo(b)fluoranthene	ND		0.101	ug/L	1	09-Dec-2021 16:28
Benzo(g,h,i)perylene	ND		0.101	ug/L	1	09-Dec-2021 16:28
Benzo(k)fluoranthene	ND		0.101	ug/L	1	09-Dec-2021 16:28
Chrysene	ND		0.101	ug/L	1	09-Dec-2021 16:28
Dibenz(a,h)anthracene	ND		0.101	ug/L	1	09-Dec-2021 16:28
Dibenzofuran	2.43		0.101	ug/L	1	09-Dec-2021 16:28
Fluoranthene	ND		0.101	ug/L	1	09-Dec-2021 16:28
Fluorene	1.41		0.101	ug/L	1	09-Dec-2021 16:28
Indeno(1,2,3-cd)pyrene	ND		0.101	ug/L	1	09-Dec-2021 16:28
Naphthalene	7.32		0.101	ug/L	1	09-Dec-2021 16:28
Phenanthrene	2.03		0.101	ug/L	1	09-Dec-2021 16:28
Pyrene	ND		0.101	ug/L	1	09-Dec-2021 16:28
Surr: 2-Fluorobiphenyl	45.7		32-130	%REC	1	09-Dec-2021 16:28
Surr: 2-Fluorobiphenyl	62.4		32-130	%REC	10	10-Dec-2021 14:30
Surr: 4-Terphenyl-d14	90.5		40-135	%REC	10	10-Dec-2021 14:30
Surr: 4-Terphenyl-d14	77.3		40-135	%REC	1	09-Dec-2021 16:28
Surr: Nitrobenzene-d5	62.0		45-142	%REC	10	10-Dec-2021 14:30
Surr: Nitrobenzene-d5	70.6		45-142	%REC	1	09-Dec-2021 16:28

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

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L02003
 Sample ID: 1L02003-20
 Collection Date: 01-Dec-2021 16:20

ANALYTICAL REPORT

WorkOrder:HS21120194
 Lab ID:HS21120194-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 06-Dec-2021		Analyst: JLJ
1-Methylnaphthalene	50.6	n	1.01	ug/L	10	10-Dec-2021 14:50
2-Methylnaphthalene	7.98		1.01	ug/L	10	10-Dec-2021 14:50
Acenaphthene	1.02		0.101	ug/L	1	09-Dec-2021 16:48
Acenaphthylene	0.290		0.101	ug/L	1	09-Dec-2021 16:48
Anthracene	0.136		0.101	ug/L	1	09-Dec-2021 16:48
Benz(a)anthracene	ND		0.101	ug/L	1	09-Dec-2021 16:48
Benzo(a)pyrene	ND		0.101	ug/L	1	09-Dec-2021 16:48
Benzo(b)fluoranthene	ND		0.101	ug/L	1	09-Dec-2021 16:48
Benzo(g,h,i)perylene	ND		0.101	ug/L	1	09-Dec-2021 16:48
Benzo(k)fluoranthene	ND		0.101	ug/L	1	09-Dec-2021 16:48
Chrysene	0.137		0.101	ug/L	1	09-Dec-2021 16:48
Dibenz(a,h)anthracene	ND		0.101	ug/L	1	09-Dec-2021 16:48
Dibenzofuran	3.50		0.101	ug/L	1	09-Dec-2021 16:48
Fluoranthene	0.121		0.101	ug/L	1	09-Dec-2021 16:48
Fluorene	1.98		0.101	ug/L	1	09-Dec-2021 16:48
Indeno(1,2,3-cd)pyrene	ND		0.101	ug/L	1	09-Dec-2021 16:48
Naphthalene	18.5		1.01	ug/L	10	10-Dec-2021 14:50
Phenanthrene	2.51		0.101	ug/L	1	09-Dec-2021 16:48
Pyrene	ND		0.101	ug/L	1	09-Dec-2021 16:48
Surr: 2-Fluorobiphenyl	57.5		32-130	%REC	1	09-Dec-2021 16:48
Surr: 2-Fluorobiphenyl	77.0		32-130	%REC	10	10-Dec-2021 14:50
Surr: 4-Terphenyl-d14	98.0		40-135	%REC	10	10-Dec-2021 14:50
Surr: 4-Terphenyl-d14	81.7		40-135	%REC	1	09-Dec-2021 16:48
Surr: Nitrobenzene-d5	97.8		45-142	%REC	10	10-Dec-2021 14:50
Surr: Nitrobenzene-d5	82.8		45-142	%REC	1	09-Dec-2021 16:48

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

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L02003
 Sample ID: 1L02003-22
 Collection Date: 01-Dec-2021 17:08

ANALYTICAL REPORT

WorkOrder:HS21120194
 Lab ID:HS21120194-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270			Prep:SW3511 / 06-Dec-2021	Analyst: JLJ
1-Methylnaphthalene	6.67	n	0.102	ug/L	1	09-Dec-2021 17:08
2-Methylnaphthalene	1.71		0.102	ug/L	1	09-Dec-2021 17:08
Acenaphthene	0.946		0.102	ug/L	1	09-Dec-2021 17:08
Acenaphthylene	0.183		0.102	ug/L	1	09-Dec-2021 17:08
Anthracene	0.258		0.102	ug/L	1	09-Dec-2021 17:08
Benz(a)anthracene	ND		0.102	ug/L	1	09-Dec-2021 17:08
Benzo(a)pyrene	ND		0.102	ug/L	1	09-Dec-2021 17:08
Benzo(b)fluoranthene	ND		0.102	ug/L	1	09-Dec-2021 17:08
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	09-Dec-2021 17:08
Benzo(k)fluoranthene	ND		0.102	ug/L	1	09-Dec-2021 17:08
Chrysene	ND		0.102	ug/L	1	09-Dec-2021 17:08
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	09-Dec-2021 17:08
Dibenzofuran	1.29		0.102	ug/L	1	09-Dec-2021 17:08
Fluoranthene	ND		0.102	ug/L	1	09-Dec-2021 17:08
Fluorene	0.830		0.102	ug/L	1	09-Dec-2021 17:08
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	09-Dec-2021 17:08
Naphthalene	1.30		0.102	ug/L	1	09-Dec-2021 17:08
Phenanthrene	1.35		0.102	ug/L	1	09-Dec-2021 17:08
Pyrene	ND		0.102	ug/L	1	09-Dec-2021 17:08
Surr: 2-Fluorobiphenyl	52.0		32-130	%REC	1	09-Dec-2021 17:08
Surr: 4-Terphenyl-d14	60.9		40-135	%REC	1	09-Dec-2021 17:08
Surr: Nitrobenzene-d5	66.5		45-142	%REC	1	09-Dec-2021 17:08

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

ALS Houston, US

Date: 10-Dec-21

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP

Project: 1L02003

WorkOrder: HS21120194

Batch ID: 173210

Start Date: 06 Dec 2021 12:08

End Date: 06 Dec 2021 15:30

Method: SW3511

Prep Code: 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21120194-01	1	33.25 (mL)	2 (mL)	0.06015	40 mL Amber
HS21120194-02	1	32.64 (mL)	2 (mL)	0.06127	40 mL Amber
HS21120194-03	1	32.75 (mL)	2 (mL)	0.06107	40 mL Amber
HS21120194-04	1	32.53 (mL)	2 (mL)	0.06148	40 mL Amber
HS21120194-05	1	32.21 (mL)	2 (mL)	0.06209	40 mL Amber

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L02003
WorkOrder: HS21120194

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 173210 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS21120194-01	1L02003-15	01 Dec 2021 14:35		06 Dec 2021 12:08	09 Dec 2021 15:47	1
HS21120194-02	1L02003-16	01 Dec 2021 14:59		06 Dec 2021 12:08	10 Dec 2021 14:09	10
HS21120194-02	1L02003-16	01 Dec 2021 14:59		06 Dec 2021 12:08	09 Dec 2021 16:07	1
HS21120194-03	1L02003-19	01 Dec 2021 16:03		06 Dec 2021 12:08	10 Dec 2021 14:30	10
HS21120194-03	1L02003-19	01 Dec 2021 16:03		06 Dec 2021 12:08	09 Dec 2021 16:28	1
HS21120194-04	1L02003-20	01 Dec 2021 16:20		06 Dec 2021 12:08	10 Dec 2021 14:50	10
HS21120194-04	1L02003-20	01 Dec 2021 16:20		06 Dec 2021 12:08	09 Dec 2021 16:48	1
HS21120194-05	1L02003-22	01 Dec 2021 17:08		06 Dec 2021 12:08	09 Dec 2021 17:08	1

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L02003
WorkOrder: HS21120194

QC BATCH REPORT

Batch ID: 173210 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
MBLK	Sample ID: MBLK-173210	Units: ug/L		Analysis Date: 09-Dec-2021 13:06					
Client ID:	Run ID: SV-6_397396	SeqNo: 6415765		PrepDate: 06-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	1.548	0.100	3.03	0	51.1	32 - 130			
Surr: 4-Terphenyl-d14	2.825	0.100	3.03	0	93.2	40 - 135			
Surr: Nitrobenzene-d5	1.79	0.100	3.03	0	59.1	45 - 142			

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L02003
WorkOrder: HS21120194

QC BATCH REPORT

Batch ID: 173210 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCS		Sample ID: LCS-173210		Units: ug/L		Analysis Date: 09-Dec-2021 13:26				
Client ID:		Run ID: SV-6_397396		SeqNo: 6415766		PrepDate: 06-Dec-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	5.187	0.100	6.06	0	85.6	40 - 140				
2-Methylnaphthalene	3.969	0.100	6.06	0	65.5	40 - 140				
Acenaphthene	7.23	0.100	6.06	0	119	40 - 140				
Acenaphthylene	3.685	0.100	6.06	0	60.8	40 - 140				
Anthracene	4.568	0.100	6.06	0	75.4	40 - 140				
Benz(a)anthracene	4.717	0.100	6.06	0	77.8	40 - 140				
Benzo(a)pyrene	5.09	0.100	6.06	0	84.0	40 - 140				
Benzo(b)fluoranthene	4.062	0.100	6.06	0	67.0	40 - 140				
Benzo(g,h,i)perylene	4.727	0.100	6.06	0	78.0	40 - 140				
Benzo(k)fluoranthene	5.925	0.100	6.06	0	97.8	40 - 140				
Chrysene	5.538	0.100	6.06	0	91.4	40 - 140				
Dibenz(a,h)anthracene	5.08	0.100	6.06	0	83.8	40 - 140				
Dibenzofuran	3.903	0.100	6.06	0	64.4	40 - 140				
Fluoranthene	3.842	0.100	6.06	0	63.4	40 - 140				
Fluorene	3.834	0.100	6.06	0	63.3	40 - 140				
Indeno(1,2,3-cd)pyrene	5.322	0.100	6.06	0	87.8	40 - 140				
Naphthalene	3.348	0.100	6.06	0	55.2	40 - 140				
Phenanthrene	3.798	0.100	6.06	0	62.7	40 - 140				
Pyrene	4.44	0.100	6.06	0	73.3	40 - 140				
Surr: 2-Fluorobiphenyl	1.414	0.100	3.04	0	46.5	32 - 130				
Surr: 4-Terphenyl-d14	1.617	0.100	3.04	0	53.2	40 - 135				
Surr: Nitrobenzene-d5	1.814	0.100	3.04	0	59.7	45 - 142				

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L02003
WorkOrder: HS21120194

QC BATCH REPORT

Batch ID: 173210 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD	Sample ID: LCSD-173210	Units: ug/L			Analysis Date: 09-Dec-2021 13:46					
Client ID:	Run ID: SV-6_397396	SeqNo: 6415767		PrepDate: 06-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	2.769	0.100	3.03	0	91.4	40 - 140	5.187	60.8	25	R
2-Methylnaphthalene	2.412	0.100	3.03	0	79.6	40 - 140	3.969	48.8	25	R
Acenaphthene	2.884	0.100	3.03	0	95.2	40 - 140	7.23	85.9	25	R
Acenaphthylene	2.563	0.100	3.03	0	84.6	40 - 140	3.685	35.9	25	R
Anthracene	2.997	0.100	3.03	0	98.9	40 - 140	4.568	41.5	25	R
Benz(a)anthracene	1.502	0.100	3.03	0	49.6	40 - 140	4.717	103	25	R
Benzo(a)pyrene	1.931	0.100	3.03	0	63.7	40 - 140	5.09	90	25	R
Benzo(b)fluoranthene	1.541	0.100	3.03	0	50.8	40 - 140	4.062	90	25	R
Benzo(g,h,i)perylene	2.082	0.100	3.03	0	68.7	40 - 140	4.727	77.7	25	R
Benzo(k)fluoranthene	2.234	0.100	3.03	0	73.7	40 - 140	5.925	90.5	25	R
Chrysene	2.041	0.100	3.03	0	67.4	40 - 140	5.538	92.3	25	R
Dibenz(a,h)anthracene	1.86	0.100	3.03	0	61.4	40 - 140	5.08	92.8	25	R
Dibenzofuran	1.979	0.100	3.03	0	65.3	40 - 140	3.903	65.4	25	R
Fluoranthene	2.45	0.100	3.03	0	80.9	40 - 140	3.842	44.2	25	R
Fluorene	1.731	0.100	3.03	0	57.1	40 - 140	3.834	75.6	25	R
Indeno(1,2,3-cd)pyrene	2.019	0.100	3.03	0	66.6	40 - 140	5.322	90	25	R
Naphthalene	1.924	0.100	3.03	0	63.5	40 - 140	3.348	54	25	R
Phenanthrene	2.246	0.100	3.03	0	74.1	40 - 140	3.798	51.4	25	R
Pyrene	1.947	0.100	3.03	0	64.3	40 - 140	4.44	78.1	25	R
Surr: 2-Fluorobiphenyl	1.461	0.100	3.03	0	48.2	32 - 130	1.414	3.25	25	
Surr: 4-Terphenyl-d14	1.444	0.100	3.03	0	47.7	40 - 135	1.617	11.3	25	
Surr: Nitrobenzene-d5	1.581	0.100	3.03	0	52.2	45 - 142	1.814	13.8	25	

The following samples were analyzed in this batch: HS21120194-01 HS21120194-02 HS21120194-03 HS21120194-04
 HS21120194-05

ALS Houston, US

Date: 10-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L02003
WorkOrder: HS21120194

**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 Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US

Date: 10-Dec-21

CERTIFICATIONS,ACCREDITATIONS & LICENSES

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

ALS Houston, US

Date: 10-Dec-21

Client:	Permian Basin Environmental Lab, LP	SAMPLE TRACKING
Project:	1L02003	
Work Order:	HS21120194	

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS21120194-01	1L02003-15	Login	12/3/2021 2:13:07 PM	PJM	LVI025

ALS Houston, US

Date: 10-Dec-21

Sample Receipt Checklist

Work Order ID: HS21120194

Date/Time Received: 03-Dec-2021 10:45

Client Name: Permian Basin Lab

Received by: Pablo Martinez

Completed By: /S/ Pablo Martinez	03-Dec-2021 14:15	Reviewed by: /S/ Bernadette A. Fini	06-Dec-2021 09:51
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):	0.9°C UC/C IR 31		
Cooler(s)/Kit(s):	RED		
Date/Time sample(s) sent to storage:	12/3/21 14:15		
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:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

HS21120194

Permian Basin Environmental Lab, LP
1L02003



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:

Project Loc:

PO #:

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

Report Format: ☒ Standard ☐ TRRP ☐ NPDE

(lab use only)

ORDER #:

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filled	Total # of Containers	Preservation & # of Containers										Matrix		Analyze For:																24 HOUR	STANDARD 4 DAY
								ICE	HNO ₃ 500 poly 1	HCl 2x 40mL VOA	H ₂ SO ₄ 1x 40mL 500 700 poly	NaOH 1/2NAC 250 Poly 1	MgSO ₄	None Poly 500mL 250mL Glass Amber 1000 500 mL	NaOH/HZnAc	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Petroleum Specify Other	8270C PAH LL	METALS RCRA 8 TCLP ICPMS/7471	TOX 8023	IGNITABILITY	8260 COMPLETE LIST MG/KG	8270C SEMIVOLATILE	Cr TCLP ICPMS 8020A	Cd TCLP ICPMS 8020A	8260C SEMIVOLATILE	METHANOL 8015M	GLYCOLS-DI 8015B	NORM 901.1M	TCLP BENZENE 8260B	24 HOUR	STANDARD 4 DAY						
	1L02003-15			12/1/2021	14:35		3	X								W	X															X					
	1L02003-16			12/1/2021	14:59		3	X								W	X															X					
	1L02003-19			12/1/2021	16:03		3	X								W	X															X					
	1L02003-20			12/1/2021	16:20		3	X								W	X															X					
	1L02003-22			12/1/2021	17:08		3	X								W	X															X					
																													</								

Special Instructions:

Relinquished by:

Brent Barron

Date

12/2/2021

Time

16:00

Relinquished by:

Date

Time

Received by:

Date

12/3/21

Time

10:45

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 ☒

Temperature Upon Receipt:

Received: 0.9 °C

Adjusted: °C Factor

RED 1R31 LFO

FedEx

RED FRI - 03 DEC AA
TX# 8161 1355 9352 STANDARD OVERNIGHT
AB SGRA 77099
TX-US
IAH



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



Analytical Report

Prepared for:

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

Project: 97-18_MNA
Project Number: TNM 97-18
Location: Lea County, New Mexico
Lab Order Number: 1L03003



Current Certification

Report Date: 12/30/21

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

Project: 97-18_MNA
Project Number: TNM 97-18
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	1L03003-01	Water	12/02/21 11:53	12-03-2021 08:58
MW-24	1L03003-02	Water	12/02/21 16:23	12-03-2021 08:58
MW-2	1L03003-03	Water	12/02/21 13:13	12-03-2021 08:58
MW-6	1L03003-04	Water	12/02/21 12:26	12-03-2021 08:58
MW-4	1L03003-05	Water	12/02/21 11:53	12-03-2021 08:58
RW-2	1L03003-06	Water	12/02/21 13:50	12-03-2021 08:58

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
10 Desta Dr STE 150E
Midland TX, 79705

Project: 97-18_MNA
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW-1
1L03003-01 (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	P1L0805	12/08/21 09:36	12/08/21 13:50	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 13:50	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 13:50	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 13:50	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 13:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.8 %		80-120		P1L0805	12/08/21 09:36	12/08/21 13:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.1 %		80-120		P1L0805	12/08/21 09:36	12/08/21 13:50	EPA 8021B	
Methane	0.00127	0.000500	mg/L	1	P1L2801	12/10/21 11:14	12/10/21 15:02	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L2801	12/10/21 11:14	12/10/21 11:14	8015M	SUB-13
Ethene	0.00177	0.00100	mg/L	1	P1L2801	12/10/21 11:14	12/10/21 11:14	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	ND	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	3.29	0.200	mg/L	1	P1L0305	12/03/21 11:06	12/06/21 10:12	EPA 300.0	
Sulfate	4200	50.0	mg/L	50	P1L0605	12/06/21 12:58	12/06/21 18:47	EPA 300.0	
Total Organic Carbon	189	10.0	mg/L	1	P1L2801	12/12/21 03:54	12/12/21 03:54	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.200	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:57	EPA 6010B	QAL1
Manganese	0.0374	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 12:57	EPA 6010B	QAL1

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW-24
1L03003-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	5.88	0.0500	mg/L	50	P1L0805	12/08/21 09:36	12/09/21 11:03	EPA 8021B	
Toluene	0.00524	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 11:24	EPA 8021B	
Ethylbenzene	0.835	0.0100	mg/L	10	P1L0805	12/08/21 09:36	12/08/21 14:11	EPA 8021B	
Xylene (p/m)	0.225	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 11:24	EPA 8021B	
Xylene (o)	0.00220	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 11:24	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>88.7 %</i>	<i>80-120</i>			<i>P1L0805</i>	<i>12/08/21 09:36</i>	<i>12/09/21 11:24</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>108 %</i>	<i>80-120</i>			<i>P1L0805</i>	<i>12/08/21 09:36</i>	<i>12/09/21 11:24</i>	<i>EPA 8021B</i>	
Methane	0.847	0.0250	mg/L	1	P1L2801	12/10/21 11:22	12/10/21 11:22	8015M	SUB-13
Ethane	0.00437	0.00100	mg/L	1	P1L2801	12/10/21 11:22	12/10/21 11:22	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L2801	12/10/21 11:22	12/10/21 11:22	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	177	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	1.11	0.200	mg/L	1	P1L0305	12/03/21 11:06	12/06/21 10:31	EPA 300.0	
Sulfate	800	25.0	mg/L	25	P1L0605	12/06/21 12:58	12/06/21 19:06	EPA 300.0	
Total Organic Carbon	116	40.0	mg/L	1	P1L2801	12/14/21 10:17	12/14/21 10:17	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.0246	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 13:01	EPA 6010B	QAL1
Manganese	0.00287	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 13:01	EPA 6010B	J, QAL1

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW-2
1L03003-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0205	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 14:33	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 14:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 14:33	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 14:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 14:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.8 %	80-120			P1L0805	12/08/21 09:36	12/08/21 14:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.6 %	80-120			P1L0805	12/08/21 09:36	12/08/21 14:33	EPA 8021B	
Methane	0.0297	0.000500	mg/L	1	P1L2801	12/10/21 11:31	12/10/21 11:31	8015M	SUB-13
Ethane	0.00133	0.00100	mg/L	1	P1L2801	12/10/21 11:31	12/10/21 11:31	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L2801	12/10/21 11:31	12/10/21 11:31	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	73.0	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	2.46	0.200	mg/L	1	P1L0305	12/03/21 11:06	12/06/21 10:50	EPA 300.0	
Sulfate	2790	50.0	mg/L	50	P1L0605	12/06/21 12:58	12/06/21 19:25	EPA 300.0	
Total Organic Carbon	182	10.0	mg/L	1	P1L2801	12/12/21 04:27	12/12/21 04:27	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.695	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 13:05	EPA 6010B	QAL1
Manganese	0.0582	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 13:05	EPA 6010B	QAL1

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW-6
1L03003-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0110	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 14:54	EPA 8021B	
Toluene	0.00123	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 14:54	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 14:54	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 14:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 14:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.9 %	80-120			P1L0805	12/08/21 09:36	12/08/21 14:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.8 %	80-120			P1L0805	12/08/21 09:36	12/08/21 14:54	EPA 8021B	
Methane	0.00457	0.000500	mg/L	1	P1L2801	12/10/21 11:39	12/10/21 11:39	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L2801	12/10/21 11:39	12/10/21 11:39	8015M	SUB-13
Ethene	0.00239	0.00100	mg/L	1	P1L2801	12/10/21 11:39	12/10/21 11:39	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	4.13	0.200	mg/L	1	P1L0305	12/03/21 11:06	12/06/21 11:09	EPA 300.0	
Sulfate	5000	100	mg/L	100	P1L0605	12/06/21 12:58	12/07/21 09:23	EPA 300.0	
Total Organic Carbon	256	10.0	mg/L	1	P1L2801	12/12/21 04:43	12/12/21 04:43	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.127	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 13:09	EPA 6010B	QAL1
Manganese	0.0311	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 13:09	EPA 6010B	QAL1

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.014	0.0010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 18:42	8270C	SUB-13
2-Methylnaphthalene	0.0017	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Acenaphthene	0.0011	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Acenaphthylene	0.00036	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Dibenzofuran	0.0015	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Fluorene	0.0011	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Naphthalene	0.0015	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Phenanthrene	0.0016	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:00	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
Project Manager: Curt Stanley

MW-4
1L03003-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	3.59	0.0100	mg/L	10	P1L0805	12/08/21 09:36	12/08/21 15:15	EPA 8021B	
Toluene	0.00761	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 11:45	EPA 8021B	
Ethylbenzene	0.0242	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 11:45	EPA 8021B	
Xylene (p/m)	0.0859	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 11:45	EPA 8021B	
Xylene (o)	0.00374	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/09/21 11:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.8 %	80-120			P1L0805	12/08/21 09:36	12/09/21 11:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %	80-120			P1L0805	12/08/21 09:36	12/09/21 11:45	EPA 8021B	
Methane	1.33	0.0500	mg/L	1	P1L2801	12/10/21 11:55	12/10/21 15:13	8015M	SUB-13
Ethane	0.00205	0.00100	mg/L	1	P1L2801	12/10/21 11:55	12/10/21 11:55	8015M	SUB-13
Ethene	0.00557	0.00100	mg/L	1	P1L2801	12/10/21 11:55	12/10/21 11:55	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	182	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	1.12	0.200	mg/L	1	P1L0305	12/03/21 11:06	12/06/21 11:28	EPA 300.0	
Sulfate	791	25.0	mg/L	25	P1L0605	12/06/21 12:58	12/06/21 20:41	EPA 300.0	
Total Organic Carbon	137	40.0	mg/L	1	P1L2801	12/14/21 10:34	12/14/21 10:34	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.0204	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 13:13	EPA 6010B	QAL1
Manganese	0.00495	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 13:13	EPA 6010B	J, QAL1

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.019	0.0010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 19:02	8270C	SUB-13
2-Methylnaphthalene	0.0092	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Acenaphthene	0.0026	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Acenaphthylene	0.00079	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Dibenzofuran	0.0028	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Fluorene	0.0021	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Naphthalene	0.011	0.0010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13
Phenanthrene	0.0022	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 19:02	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2801	12/08/21 16:00	12/21/21 15:20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
Project Manager: Curt Stanley

RW-2
1L03003-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00622	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 15:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 15:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 15:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 15:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 15:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.9 %		80-120		P1L0805	12/08/21 09:36	12/08/21 15:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.5 %		80-120		P1L0805	12/08/21 09:36	12/08/21 15:36	EPA 8021B	
Methane	0.0402	0.00100	mg/L	1	P1L2801	12/10/21 12:20	12/10/21 15:22	8015M	SUB-13
Ethane	0.00182	0.00100	mg/L	1	P1L2801	12/10/21 12:20	12/10/21 12:20	8015M	SUB-13
Ethene	0.00299	0.00200	mg/L	1	P1L2801	12/10/21 12:20	12/10/21 15:22	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	81.0	1.10	mg/L	1	P1L0811	12/14/21 10:40	12/14/21 10:40	8000	QAL1
Nitrate as N	3.73	0.200	mg/L	1	P1L0305	12/03/21 11:06	12/06/21 11:47	EPA 300.0	
Sulfate	3840	50.0	mg/L	50	P1L0605	12/06/21 12:58	12/06/21 21:38	EPA 300.0	
Total Organic Carbon	183	10.0	mg/L	1	P1L2801	12/12/21 06:04	12/12/21 06:04	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.203	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 13:17	EPA 6010B	QAL1
Manganese	0.0574	0.0200	mg/L	1	P1L0304	12/03/21 10:04	12/03/21 13:17	EPA 6010B	QAL1

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
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 *****

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			

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			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
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-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			

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			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
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 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			

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			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
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

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
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

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
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

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
Project Manager: Curt Stanley

Dissolved Metals by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

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

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
Project Manager: Curt Stanley

Dissolved Metals by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch P1L0304 - * DEFAULT PREP *****

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

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-18_MNA
Project Number: TNM 97-18
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:



Date:

12/30/2021

Brent Barron, Laboratory Director/Technical Director

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

Project: 97-18_MNA
Project Number: TNM 97-18
Project Manager: Curt Stanley

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.

PB&L LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

MVA

Phone: 432-661-4184

Page 1 of 1

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:

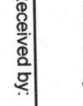
Sampler Signature: e-mail: cdstanley@trcsolutions.com
clbryan@paalp.com
algroves@paalp.com

ORDER #: 1L03003

(lab use only)

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TOC SM 5310	Dissolved Methane, ethane, and ethene by RSK-175	Total Diss Metals (Fe and Mn) by SW60	Nitrate and sulfate by E300	COD by SM5310	Total BTEX by 8260	PAH	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	MW-1			12/2/21	11:53	1	10	X	X	X	X					GW	X	X	X	X	X			X	X
-02	MW-2			12/2/21	16:23	1	10	X	X	X	X					GW	X	X	X	X	X			X	X
-03	MW-2			12/2/21	13:13	1	10	X	X	X	X					GW	X	X	X	X	X			X	X
-04	MW-6			12/2/21	12:26	1	13	X	X	X	X					GW	X	X	X	X	X			X	X
-05	MW-4			12/2/21	15:55	1	13	X	X	X	X					GW	X	X	X	X	X			X	X
-06	~~MW-5~~ RW-2			12/2/21	13:50	1	10	X	X	X	X					GW	X	X	X	X	X			X	X

Special Instructions: BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
	12/3/21	7:52		12/3/21	7:52
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered by Courier?

Sample Hand Delivered by Courier/Client Rep.?

Temperature Upon Receipt: 4.6 °C

Adjusted: 5.6 °C

Factor

N

N

N

N

N

N

N

N

N



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: **HS21120409**

Laboratory Results for: **1L03003**

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,

A handwritten signature in cursive script, reading "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: 1L03003
Work Order: HS21120409

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21120409-01	1L03003-01	Water		02-Dec-2021 19:09	08-Dec-2021 10:30	☐
HS21120409-02	1L03003-02	Water		02-Dec-2021 20:48	08-Dec-2021 10:30	☐
HS21120409-03	1L03003-03	Water		02-Dec-2021 21:41	08-Dec-2021 10:30	☐
HS21120409-04	1L03003-04	Water		02-Dec-2021 20:00	08-Dec-2021 10:30	☐
HS21120409-05	1L03003-05	Water		02-Dec-2021 22:30	08-Dec-2021 10:30	☐
HS21120409-06	1L03003-06	Water		02-Dec-2021 23:12	08-Dec-2021 10:30	☐

ALS Houston, US

Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03003
Work Order: HS21120409

CASE NARRATIVE**Work Order Comments**

- Login notes:
Quantity does not match
1L03003-01, -02, & -03 - CoC = 6 bottles Received = 4 bottles
1L03003-04, -05, & -06 - 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: R397475,R397559**

- 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:1L03003

Sample ID:1L03003-01

Collection Date:02-Dec-2021 19:09

ANALYTICAL REPORT

WorkOrder:HS21120409

Lab ID:HS21120409-01

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	ND		1.00	ug/L	1	10-Dec-2021 11:14
Ethene	1.77		1.00	ug/L	1	10-Dec-2021 11:14
Methane	1.27		0.500	ug/L	1	10-Dec-2021 11:14
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	189		10.0	mg/L	10	12-Dec-2021 03:54

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	ANALYTICAL REPORT
Project:	1L03003	WorkOrder:HS21120409
Sample ID:	1L03003-02	Lab ID:HS21120409-02
Collection Date:	02-Dec-2021 20:48	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	4.37		1.00	ug/L	1	10-Dec-2021 11:22
Ethene	ND		1.00	ug/L	1	10-Dec-2021 11:22
Methane	847		25.0	ug/L	50	10-Dec-2021 15:02
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	116		40.0	mg/L	40	14-Dec-2021 10:17

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:1L03003

Sample ID:1L03003-03

Collection Date:02-Dec-2021 21:41

ANALYTICAL REPORT

WorkOrder:HS21120409

Lab ID:HS21120409-03

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	1.33		1.00	ug/L	1	10-Dec-2021 11:31
Ethene	ND		1.00	ug/L	1	10-Dec-2021 11:31
Methane	29.7		0.500	ug/L	1	10-Dec-2021 11:31
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	182		10.0	mg/L	10	12-Dec-2021 04:27

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: 1L03003
 Sample ID: 1L03003-04
 Collection Date: 02-Dec-2021 20:00

ANALYTICAL REPORT

WorkOrder: HS21120409
 Lab ID: HS21120409-04
 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	14.1	n	1.02	ug/L	10	21-Dec-2021 18:42
2-Methylnaphthalene	1.71		0.102	ug/L	1	21-Dec-2021 15:00
Acenaphthene	1.08		0.102	ug/L	1	21-Dec-2021 15:00
Acenaphthylene	0.356		0.102	ug/L	1	21-Dec-2021 15:00
Anthracene	ND		0.102	ug/L	1	21-Dec-2021 15:00
Benz(a)anthracene	ND		0.102	ug/L	1	21-Dec-2021 15:00
Benzo(a)pyrene	ND		0.102	ug/L	1	21-Dec-2021 15:00
Benzo(b)fluoranthene	ND		0.102	ug/L	1	21-Dec-2021 15:00
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	21-Dec-2021 15:00
Benzo(k)fluoranthene	ND		0.102	ug/L	1	21-Dec-2021 15:00
Chrysene	ND		0.102	ug/L	1	21-Dec-2021 15:00
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	21-Dec-2021 15:00
Dibenzofuran	1.49		0.102	ug/L	1	21-Dec-2021 15:00
Fluoranthene	ND		0.102	ug/L	1	21-Dec-2021 15:00
Fluorene	1.07		0.102	ug/L	1	21-Dec-2021 15:00
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	21-Dec-2021 15:00
Naphthalene	1.45		0.102	ug/L	1	21-Dec-2021 15:00
Phenanthrene	1.56		0.102	ug/L	1	21-Dec-2021 15:00
Pyrene	ND		0.102	ug/L	1	21-Dec-2021 15:00
Surr: 2-Fluorobiphenyl	49.5		32-130	%REC	10	21-Dec-2021 18:42
Surr: 2-Fluorobiphenyl	71.7		32-130	%REC	1	21-Dec-2021 15:00
Surr: 4-Terphenyl-d14	108		40-135	%REC	1	21-Dec-2021 15:00
Surr: 4-Terphenyl-d14	88.4		40-135	%REC	10	21-Dec-2021 18:42
Surr: Nitrobenzene-d5	105		45-142	%REC	1	21-Dec-2021 15:00
Surr: Nitrobenzene-d5	66.2		45-142	%REC	10	21-Dec-2021 18:42
DISSOLVED GASES BY RSK-175		Method: RSK-175		Analyst: PPM		
Ethane	ND		1.00	ug/L	1	10-Dec-2021 11:39
Ethene	2.39		1.00	ug/L	1	10-Dec-2021 11:39
Methane	4.57		0.500	ug/L	1	10-Dec-2021 11:39
TOTAL ORGANIC CARBON BY E415.1		Method: E415.1		Analyst: JAC		
Organic Carbon, Total	256		10.0	mg/L	10	12-Dec-2021 04:43

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: 1L03003
 Sample ID: 1L03003-05
 Collection Date: 02-Dec-2021 22:30

ANALYTICAL REPORT

WorkOrder:HS21120409
 Lab ID:HS21120409-05
 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	18.7	n	1.02	ug/L	10	21-Dec-2021 19:02
2-Methylnaphthalene	9.15		0.102	ug/L	1	21-Dec-2021 15:20
Acenaphthene	2.60		0.102	ug/L	1	21-Dec-2021 15:20
Acenaphthylene	0.788		0.102	ug/L	1	21-Dec-2021 15:20
Anthracene	ND		0.102	ug/L	1	21-Dec-2021 15:20
Benz(a)anthracene	ND		0.102	ug/L	1	21-Dec-2021 15:20
Benzo(a)pyrene	ND		0.102	ug/L	1	21-Dec-2021 15:20
Benzo(b)fluoranthene	ND		0.102	ug/L	1	21-Dec-2021 15:20
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	21-Dec-2021 15:20
Benzo(k)fluoranthene	ND		0.102	ug/L	1	21-Dec-2021 15:20
Chrysene	ND		0.102	ug/L	1	21-Dec-2021 15:20
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	21-Dec-2021 15:20
Dibenzofuran	2.83		0.102	ug/L	1	21-Dec-2021 15:20
Fluoranthene	ND		0.102	ug/L	1	21-Dec-2021 15:20
Fluorene	2.07		0.102	ug/L	1	21-Dec-2021 15:20
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	21-Dec-2021 15:20
Naphthalene	10.7		1.02	ug/L	10	21-Dec-2021 19:02
Phenanthrene	2.20		0.102	ug/L	1	21-Dec-2021 15:20
Pyrene	ND		0.102	ug/L	1	21-Dec-2021 15:20
Surr: 2-Fluorobiphenyl	70.1		32-130	%REC	1	21-Dec-2021 15:20
Surr: 2-Fluorobiphenyl	38.5		32-130	%REC	10	21-Dec-2021 19:02
Surr: 4-Terphenyl-d14	75.9		40-135	%REC	1	21-Dec-2021 15:20
Surr: 4-Terphenyl-d14	79.3		40-135	%REC	10	21-Dec-2021 19:02
Surr: Nitrobenzene-d5	62.1		45-142	%REC	10	21-Dec-2021 19:02
Surr: Nitrobenzene-d5	49.5		45-142	%REC	1	21-Dec-2021 15:20
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	2.05		1.00	ug/L	1	10-Dec-2021 11:55
Ethene	5.57		1.00	ug/L	1	10-Dec-2021 11:55
Methane	1,330		50.0	ug/L	100	10-Dec-2021 15:13
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	137		40.0	mg/L	40	14-Dec-2021 10:34

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	ANALYTICAL REPORT
Project:	1L03003	WorkOrder:HS21120409
Sample ID:	1L03003-06	Lab ID:HS21120409-06
Collection Date:	02-Dec-2021 23:12	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	1.82		1.00	ug/L	1	10-Dec-2021 12:20
Ethene	2.99		2.00	ug/L	2	10-Dec-2021 15:22
Methane	40.2		1.00	ug/L	2	10-Dec-2021 15:22
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	183		10.0	mg/L	10	12-Dec-2021 06:04

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: 1L03003

WorkOrder: HS21120409

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	
HS21120409-04		32.32 (mL)	2 (mL)	0.06188	40 mL Amber
HS21120409-05		32.35 (mL)	2 (mL)	0.06182	40 mL Amber

ALS Houston, US

Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03003
WorkOrder: HS21120409

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	
HS21120409-04	1L03003-04	02 Dec 2021 20:00		08 Dec 2021 09:50	21 Dec 2021 18:42	10
HS21120409-04	1L03003-04	02 Dec 2021 20:00		08 Dec 2021 09:50	21 Dec 2021 15:00	1
HS21120409-05	1L03003-05	02 Dec 2021 22:30		08 Dec 2021 09:50	21 Dec 2021 19:02	10
HS21120409-05	1L03003-05	02 Dec 2021 22:30		08 Dec 2021 09:50	21 Dec 2021 15:20	1
Batch ID: R397404 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS21120409-01	1L03003-01	02 Dec 2021 19:09			10 Dec 2021 11:14	1
HS21120409-02	1L03003-02	02 Dec 2021 20:48			10 Dec 2021 15:02	50
HS21120409-02	1L03003-02	02 Dec 2021 20:48			10 Dec 2021 11:22	1
HS21120409-03	1L03003-03	02 Dec 2021 21:41			10 Dec 2021 11:31	1
HS21120409-04	1L03003-04	02 Dec 2021 20:00			10 Dec 2021 11:39	1
HS21120409-05	1L03003-05	02 Dec 2021 22:30			10 Dec 2021 15:13	100
HS21120409-05	1L03003-05	02 Dec 2021 22:30			10 Dec 2021 11:55	1
HS21120409-06	1L03003-06	02 Dec 2021 23:12			10 Dec 2021 15:22	2
HS21120409-06	1L03003-06	02 Dec 2021 23:12			10 Dec 2021 12:20	1
Batch ID: R397475 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS21120409-01	1L03003-01	02 Dec 2021 19:09			12 Dec 2021 03:54	10
HS21120409-03	1L03003-03	02 Dec 2021 21:41			12 Dec 2021 04:27	10
HS21120409-04	1L03003-04	02 Dec 2021 20:00			12 Dec 2021 04:43	10
HS21120409-06	1L03003-06	02 Dec 2021 23:12			12 Dec 2021 06:04	10
Batch ID: R397559 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS21120409-02	1L03003-02	02 Dec 2021 20:48			14 Dec 2021 10:17	40
HS21120409-05	1L03003-05	02 Dec 2021 22:30			14 Dec 2021 10:34	40

ALS Houston, US

Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03003
WorkOrder: HS21120409

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	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	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	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:

HS21120409-01	HS21120409-02	HS21120409-03	HS21120409-04
HS21120409-05	HS21120409-06		

ALS Houston, US

Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03003
WorkOrder: HS21120409

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: 1L03003
WorkOrder: HS21120409

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: 1L03003
WorkOrder: HS21120409

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 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: HS21120409-04 HS21120409-05

ALS Houston, US

Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03003
WorkOrder: HS21120409

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:	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:										
HS21120409-01		HS21120409-03		HS21120409-04		HS21120409-06				

ALS Houston, US

Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03003
WorkOrder: HS21120409

QC BATCH REPORT

Batch ID: R397559 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-12132021	Units: mg/L		Analysis Date: 14-Dec-2021 06:18					
Client ID:	Run ID: TOC_04_397559	SeqNo: 6419933		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	ND	1.00							
LCS	Sample ID: LCS-12132021	Units: mg/L		Analysis Date: 14-Dec-2021 06:34					
Client ID:	Run ID: TOC_04_397559	SeqNo: 6419934		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.62	1.00	10	0	106	85 - 115			
LCSD	Sample ID: LCSD-12132021	Units: mg/L		Analysis Date: 14-Dec-2021 06:50					
Client ID:	Run ID: TOC_04_397559	SeqNo: 6419935		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.58	1.00	10	0	106	85 - 115	10.62	0.377	20
MS	Sample ID: HS21110603-39MS	Units: mg/L		Analysis Date: 14-Dec-2021 08:26					
Client ID:	Run ID: TOC_04_397559	SeqNo: 6419937		PrepDate:		DF: 10			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	109.4	10.0	100	2.829	107	80 - 120			
The following samples were analyzed in this batch:									
HS21120409-02 HS21120409-05									

ALS Houston, US

Date: 23-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L03003
WorkOrder: HS21120409

**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 Quantitation 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

Client: Permian Basin Environmental Lab, LP
Project: 1L03003
Work Order: HS21120409

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS21120409-01	1L03003-01	Login	12/8/2021 12:53:41 PM	PJM	WET200
HS21120409-01	1L03003-01	Login	12/8/2021 12:53:41 PM	PJM	RSK015
HS21120409-02	1L03003-02	Login	12/8/2021 12:53:41 PM	PJM	WET200
HS21120409-02	1L03003-02	Login	12/8/2021 12:53:41 PM	PJM	RSK015
HS21120409-03	1L03003-03	Login	12/8/2021 12:53:41 PM	PJM	WET200
HS21120409-03	1L03003-03	Login	12/8/2021 12:53:41 PM	PJM	RSK015
HS21120409-04	1L03003-04	Login	12/8/2021 12:53:41 PM	PJM	WET200
HS21120409-04	1L03003-04	Login	12/8/2021 12:53:41 PM	PJM	RSK015
HS21120409-04	1L03003-04	Login	12/8/2021 12:53:41 PM	PJM	LVI017
HS21120409-05	1L03003-05	Login	12/8/2021 12:53:41 PM	PJM	WET200
HS21120409-05	1L03003-05	Login	12/8/2021 12:53:41 PM	PJM	RSK015
HS21120409-05	1L03003-05	Login	12/8/2021 12:53:41 PM	PJM	LVI017
HS21120409-06	1L03003-06	Login	12/8/2021 12:53:41 PM	PJM	WET200
HS21120409-06	1L03003-06	Login	12/8/2021 12:53:41 PM	PJM	RSK015

ALS Houston, US

Date: 23-Dec-21

Sample Receipt Checklist

Work Order ID: HS21120409

Date/Time Received: 08-Dec-2021 10:30

Client Name: Permian Basin Lab

Received by: Pablo Martinez

Completed By: /S/ Pablo Martinez

08-Dec-2021 12:59

Reviewed by: /S/ Bernadette A. Fini

08-Dec-2021 15:31

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

1L03003-01, -02, & -03 - CoC = 6 bottles Rec'd = 4 bottles

1L03003-04, -05, & -06 - 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

Project Manager: Brent BarronCompany Name: PBELCompany Address: 1400 Rankin HWYCity/State/Zip: Midland Texas 79701Telephone No: 432-661-4184Sampler Signature: N/A**HS21120409**

Permian Basin Environmental Lab, LP
1L03003



Fax to:

e-mail: brentbarron@pbelab.comProject Name: SUBCONTRACT

Project #:

Project Loc:

PO #:

Format: ☒ Standard☐ TRRP☐ NPDE

(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										Matrix										24 HOUR STANDARD 4 DAY				
								ICE	HNO ₃ 250 mL	HCl 3 40mL VOA	H ₂ SO ₄ 1 liter 50% 250 mL	NaOH/ZnAC 250 Poly 1	Na ₂ S ₂ O ₃	None Poly 500mL 250mL Glass Amber 1000 500 mL	NONE 3 AMBER VOA VIALS	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	8270C PAH LL	METALS RCRA 8 TCLP ICP/MS/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	8280C SEMIVOLATILE	METHANOL 6015M	GLYCOL S-DI 8015B		NORM 901.1M	TCLP BENZENE 8260B		
	1L03003-01			12/2/2021	19:09		6			X					X	W			X	X												X
	1L03003-02			12/2/2021	20:48		6			X					X	W			X	X												X
	1L03003-03			12/2/2021	21:41		6			X					X	W			X	X												X
	1L03003-04			12/2/2021	20:00		6			X					X	W	X		X	X												X
	1L03003-05			12/2/2021	22:30		6			X					X	W	X		X	X												X
	1L03003-06			12/2/2021	23:12		6			X					X	W			X	X												X

Special Instructions:

Relinquished by:

Brent Barron

Date

12/6/2021

Time

16:00

Relinquished by:

Received by:

12/7/2021 11:05

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact? ☒ Y ☐ NVOCs Free of Headspace? ☒ Y ☐ NLabels on container(s) ☒ Y ☐ NCustody seals on container(s) ☒ Y ☐ NCustody seals on cooler(s) ☒ Y ☐ N

Sample Hand Delivered

by Sampler/Client Rep. ? ☒ Y ☐ Nby Courier? ☐ UPS ☐ DHL ☒ FedEx

Temperature Upon Receipt:

Received: °C

Adjusted: °C Factor



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-666-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name: PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Fax No:

Report Format: ☒ Standard☐ TRRP☐ NPDE

Sampler Signature: N/A

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	ICE	HNO ₃ /20% v/v	HCl 3.40mL VOA	H ₂ SO ₄ 1.4mL 500 200 poly	NiOH /ZnAC 250 Poly 1	Na ₂ SO ₃	Nene Poly 500mL 250mL	Glass Amber 1000 500 mL	NONE 3 AMBER VOA VIALS	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	8270C PAH LL	METALS RCRA 8 TCLP ICPLMS/741	TOC SM6310	RSK-175 Methane Ethane Eth	8260 COMPLETE LIST MG/KG	8270C SEMIVOLATILE	Cf TCLP ICPLMS 6020A	Cd TCLP ICPLMS 6020A	8260C SEMIVOLATILE	METHANOL 8015M	GLYCOLS-DI 8015B	NORM 901 TM	TCLP BENZENE 8260B	24 HOUR	STANDARD 4 DAY
	1L03003-01			12/2/2021	19:09		6			X						X	W					X	X											X
	1L03003-02			12/2/2021	20:48		6			X						X	W					X	X											X
	1L03003-03			12/2/2021	21:41		6			X						X	W					X	X											X
	1L03003-04			12/2/2021	20:00		6			X						X	W	X			X	X												X
	1L03003-05			12/2/2021	22:30		6			X						X	W	X		X		X	X											X
	1L03003-06			12/2/2021	23:12		6			X						X	W	X		X		X	X											X

Special Instructions:

Relinquished by:

Brent Barron

Relinquished by:

Relinquished by:

Date:

Time:

12/6/21

16:00

Received by:

Received by:

Date:

Time:

12/21

10:30

Sample Hand Delivered
by Sampler/Client Rep.?
by Courier? UPSTemperature Upon Receipt:
Received: 0.9 °C
Adjusted: °C

Laboratory Comments:

VOCs: Free of Headspace?

Custody seals on container(s)

Y N

Y N

Y N

Y N

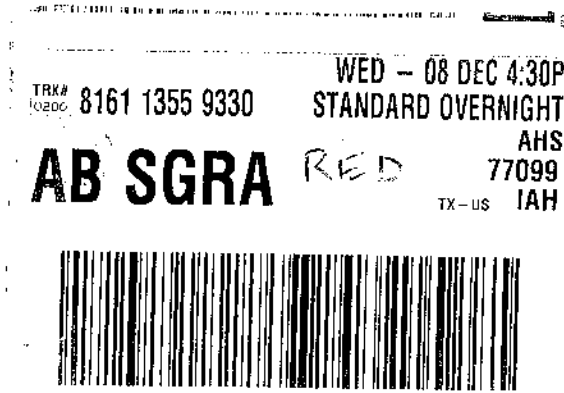
Y N

Y N

TRK# 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)

State of New Mexico

Form C- 141

Originated 2/13/97

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131Submit 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, San Angelo, TX 76906	Telephone No. (915) 947-9000
Facility Name 16" main line	Facility Type pipe line

Surface Owner Millard Desk Estate	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	28	20S	37E					Lea

NATURE OF RELEASE

Type of Release sour crude	Volume of Release 83 barrels	Volume Recovered none
Source of Release 16" main line	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 9-10-97 4:30 pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Elizabeth	
By Whom? Mike Pearce	Date and Hour 9-11-97 1:30 pm	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Internal Corrosion
Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.*

3600 sq. ft. pasture land.
Contaminated soil will be excavated.

Describe General Conditions Prevailing (Temperature, Precipitation, etc).*

95° cloudy

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: 9-11-97

Phone: 915-947-9001

OIL CONSERVATION DIVISION

Approved by
District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

State Corp. Commission
Pipe Line DivisionHazardous Waste Section
NM Environmental Improvement Div.

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 93003

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID:
	34053
	Action Number: 93003
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2021 ANNUAL GROUNDWATER MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by NMOCD and are as follows; 1. Continue quarterly monitoring and groundwater sampling in 2022 2. Continue monthly manual over-pumping of selected monitor and recovery wells 3. Continue manual product recovery on a monthly schedule 4. Continue sampling further PAH analysis on MW-4 through MW-7, MW-10, MW-17, MW-18, and RW-1 and RW-2 5. Conduct quarterly low-flow sampling of MNA parameters on MW-1, MW-6, MW-2, MW-4, MW-24, and RW-2 6. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.	8/3/2022