

REVIEWED

By Mike Buchanan at 3:26 pm, Jul 11, 2023



2022
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 the 2022 Annual Monitoring Report for TNM 97-18 Site on behalf of Plains Marketing, L.P. : **Content Satisfactory**

1. Continue to conduct quarterly monitoring and sampling of gw wells as per report.
2. Manually over-pump selected RWS monthly and adjust as necessary.
3. Continue to conduct PAH analysis as deemed necessary for select wells.
4. Submit the 2023 Annual GW Monitoring Report by April 1, 2024.
5. Conduct Low-Flow sampling per anticipated plan in report.

PREPARED FOR:

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March 2023

A handwritten signature in blue ink, reading "Matthew K. Green".

Matthew K. Green P.G.
Senior Project Manager

A handwritten signature in blue ink, reading "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 2022 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 2022. 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 2022 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 wells selected as part of the 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

Measurable thicknesses of PSH ranging from 0.22 feet to 0.98 feet were detected in monitor well MW-5 during the 2022 reporting period. Measurable thicknesses of PSH ranging from 0.45 feet to 1.76 feet was detected in monitor well MW-7 during the 2022 reporting period. Measurable thicknesses of PSH ranging from 0.02 feet to 0.30 feet were detected in recovery well RW-2 during the reporting period. The maximum PSH thickness of all wells containing PSH was 1.76 feet and was recorded on June 28, 2022, 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 0.81 feet during the reporting period. Approximately 22.65 gallons (0.54 barrels) of PSH was recovered from the Site during the 2022 reporting period. A total of approximately 1,422.24 gallons (33.86 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 NMOCD in correspondence dated April 28, 2004, and amended by NMOCD correspondence dated June 22, 2005, and June 13, 2013.

NMOCD 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 3-4, May 31-June 2, August 23-25, and October 17-19, 2022. 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 polyethylene 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 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 2022, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2022 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 0.0056 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 0.0051 feet/foot to 0.0064 feet/foot in a southeast direction. The corrected groundwater elevations ranged between 3,464.75 to 3,472.88 feet above mean sea level, in monitor well MW-27 on August 23, 2022, and in monitor well MW-1 on January 13, 2022, respectively.

LABORATORY RESULTS

Groundwater samples obtained during all four (4) quarterly sampling events of 2022 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 2022 calendar year on monitor wells monitor wells MW-4, MW-6, MW-10, MW-17, MW-18, and recovery wells RW-1 and RW-2. 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 2022 are summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2022 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 2022 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 however, MW-1 was selected as an MNA parameter well and as such was sampled during all four (4) quarters. Analytical results indicated BTEX constituent concentrations were less than the laboratory RL and below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

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

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
03/03/22	MW-1	5.91	20.71	14.1	39	5.14	133
06/01/22	MW-1	7.93	20.58	13.7	96	0.96	417
08/24/22	MW-1	6.99	20.32	14.9	66	7.18	279
10/18/22	MW-1	6.97	20.37	14.2	86	0.46	140

Analytical benzene data for up to 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 “Stable” 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 0.0133 mg/L during the 3rd quarter to 0.0694 mg/L during the 2nd quarter of 2022. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations were less than the

laboratory RL and NMOCD regulatory guidelines during the 2022 reporting period. Ethylbenzene concentrations were less than the laboratory RL and NMOCD regulatory guidelines during the 2022 reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 1st, 3rd, and 4th quarter to 0.00201 mg/L during the 2nd quarter of 2022. 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 reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-2.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
03/03/22	MW-2	5.92	20.82	11.9	-334	1.09	1.4
06/01/22	MW-2	7.74	20.78	11.9	-322	10.83	40.6
08/24/22	MW-2	6.53	20.26	12.3	-325	3.36	21.6
10/18/22	MW-2	7.26	20.84	11.9	-225	0.00	67.9

Analytical benzene data for up to 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 “Probably Decreasing” 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 0.0246 mg/L during the 4th quarter to 0.254 mg/L during the 1st quarter of 2022. Benzene concentrations were above the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from below the applicable laboratory RL during the 4th quarter to 0.00220 mg/L during the 1st quarter of 2022. 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 3rd and 4th quarters to 0.00246 mg/L during the 1st quarter of 2022. 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 0.00235 mg/L during the 1st quarter of 2022. 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 2.51 mg/L during the 3rd quarter to 3.45 mg/L during the 2nd quarter of 2022. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from below the applicable laboratory RL during the 3rd and 4th quarter to 0.0113 mg/L during the 2nd quarter of 2022. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00499 mg/L during the 3rd quarter to 0.0205 mg/L during the 4th quarter of 2022. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0481 mg/L during the 3rd quarter to 0.0933 mg/L during the 4th quarter of 2022. 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 (0.0013 mg/L), phenanthrene (0.0035 mg/L), and naphthalene (0.102 mg/L).

Please note, monitor well MW-4 was selected as MNA parameter well and is located at the “down-gradient within plume” location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-4.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
03/03/22	MW-4	6.02	21.27	7.21	-404	1.84	83.3
06/01/22	MW-4	7.93	23.64	6.68	-403	14.18	104
08/24/22	MW-4	6.52	22.26	7.18	-384	4.43	41.6
10/18/22	MW-4	7.41	21.21	7.41	-372	0.00	142

Analytical benzene data for up to 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 “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 “No Trend” 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 0.37 feet, 0.40 feet, 0.98 feet, and 0.50 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 0.0109 mg/L during the 4th quarter to 0.0225 mg/L during the 3rd quarter of 2022. 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 4th quarter to 0.00535 mg/L during the 2nd quarter of 2022. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations were less than the laboratory RL and the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the laboratory RL during the 2nd, 3rd, and 4th quarter to 0.00341 mg/L during the 1st quarter of 2022. 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 benzo[a]pyrene (0.00029 mg/L), chrysene (0.0016 mg/L), fluorene (0.0016 mg/L), phenanthrene (0.0020 mg/L), and naphthalene (0.163 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 reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-6.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
03/03/22	MW-6	5.93	21.13	17.2	-316	0.78	89.1
06/01/22	MW-6	7.79	21.31	16.9	-332	6.00	226

08/24/22	MW-6	6.51	21.46	18.2	-340	11.70	27.2
10/18/22	MW-6	7.14	22.06	17.5	-246	0.00	46.3

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 “Decreasing” 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 0.68 feet, 1.50 feet, 1.53 feet, and 0.45 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 0.239 mg/L during the 4th quarter to 0.319 mg/L during the 1st quarter of 2022. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00185 mg/L during the 4th quarter to 0.00800 mg/L during the 2nd quarter of 2022. Toluene

concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00170 mg/L during the 4th quarter to 0.00442 during the 2nd quarter of 2022. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00570 mg/L during the 4th quarter to 0.0372 mg/L during the 2nd quarter of 2022. 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 (0.0019 mg/L) and phenanthrene (0.0016 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 benzene, toluene, and ethylbenzene constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The xylene concentration was 0.00136 mg/L during the 4th quarter. The xylene concentration was below the NMOCD guidelines during the 4th quarter of the reporting period. 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 benzene, toluene, and ethylbenzene constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The xylene concentration was 0.00157 mg/L during the 4th quarter. The xylene concentration was below the NMOCD guidelines during the 4th quarter of the reporting period. 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-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 2.27 mg/L during the 3rd quarter to 2.90 mg/L during the 1st quarter of 2022. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00198 mg/L during the 3rd quarter to 0.0106 mg/L during the 1st quarter of 2022. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00135 mg/L during the 3rd quarter to 0.0113 mg/L during the 1st quarter of 2022. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.14195 mg/L during the 2nd quarter to 0.2434 mg/L during the 1st quarter of 2022. 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 (0.0026 mg/L), phenanthrene (0.0021 mg/L) and naphthalene (0.142 mg/L).

Monitor well MW-18 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 1.50 mg/L during the 2nd quarter to 1.59 mg/L during the 1st quarter of 2022. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged 0.00251 mg/L during the 2nd quarter to 0.00298 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 0.00383 mg/L during the 4th quarter to 0.0116 mg/L during the 4th quarter of 2022. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.107 mg/L during the 1st quarter to 0.117 mg/L during the 3rd quarter of 2022. 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 (0.0039 mg/L), phenanthrene (0.0027 mg/L), and naphthalene (0.04849 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 0.00160 mg/L during the 4th quarter of 2022. 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 0.00283 mg/L during

the 4th quarter of 2022. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 2nd and 4th quarters of the reporting period. Xylene concentrations were below the applicable laboratory RL and 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 toluene, ethylbenzene, and xylene constituent concentrations were below the applicable laboratory RL and the NMOCD regulatory guideline during all four (4) quarters of the reporting period. Benzene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 4th quarters to 0.00102 mg/L during the 3rd quarter of the reporting period. Benzene concentration were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 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 2.45 mg/L during the 4th quarter to 9.26 mg/L during the 2nd quarter of 2022. 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 0.0186 mg/L during the 4th quarter of 2022. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.601 mg/L during the 3rd quarter to 0.824 mg/L during the 4th quarter of 2022. Ethylbenzene concentrations were above the NMOCD regulatory guidelines the 2nd and 4th quarters of the reporting period. Xylene concentrations ranged from 0.2591 mg/L during the 3rd quarter to 0.3344 mg/L during the 4th quarter of 2022. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. 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 reporting period

were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-24.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
03/03/22	MW-24	5.97	21.26	5.73	-403	5.98	20.4
06/01/22	MW-24	7.67	21.64	5.74	-391	16.54	24.7
08/24/22	MW-24	6.42	22.62	5.91	-370	5.89	87.0
10/18/22	MW-24	7.40	20.4	6.02	-389	0.00	11.2

Analytical benzene data for up to 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 “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 “No Trend” 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 0.00129 mg/L during the 4th quarter to 1.45 mg/L during the 2nd quarter of 2022. 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 1st, 3rd, and 4th quarters to 0.00122 mg/L during the 2nd quarter. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations were less than the applicable laboratory RL and 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 0.164 mg/L during the 4th quarter to 0.676 mg/L during the 1st 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 4th quarter to 0.0103 mg/L in 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 0.0156 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 ranged from less than the applicable laboratory RL during the 2nd, 3rd, and 4th quarters to 0.0441 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 0.240 mg/L during the 3rd quarter to 0.795 mg/L during the 4th quarter of 2022. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00272 mg/L during the 2nd quarter to 0.0121 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 0.00203 mg/L during the 3rd quarter to 0.136 mg/L during the 4th quarter of 2022. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.01644 mg/L during the 3rd quarter to 0.2268 mg/L during the 4th quarter of 2022. 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 (0.013 mg/L), phenanthrene (0.0021 mg/L) and naphthalene (0.214 mg/L).

Recovery well RW-2 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0368 mg/L during the 4th quarter to 0.482 mg/L during the 3rd quarter of 2022. 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 1st, 2nd, and 4th quarters to 0.00596 mg/L during the 3rd quarter. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00116 mg/L during the 1st quarter to 0.0985 mg/L during the 3rd quarter of 2022. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from less than applicable laboratory RL during the 1st quarter to 0.07270 mg/L during the 3rd quarter of 2022. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

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 table below list the stabilization levels for the water quality parameters during the reporting period for recovery well RW-2.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
03/03/22	RW-2	5.88	22.18	14.6	-347	6.58	24.1
06/01/22	RW-2	7.65	26.80	12.6	-367	3.30	17.1
08/24/22	RW-2	6.34	24.09	12.5	-374	9.73	45.9
10/18/22	RW-2	7.43	20.58	15.7	-346	0.00	1.2

Analytical benzene data for up to 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.

For the 1st quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor well MW-1 to 8.72 mg/L for monitor well MW-24.

For the 2nd quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor well MW-1 to 9.26 mg/L for monitor well MW-24.

For the 3rd quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor well MW-1 to 8.77 mg/L for monitor well MW-24.

For the 4th quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor well MW-1 to 3.36 mg/L for monitor well MW-4.

Please reference Table 7 for GSI-MKT benzene results. Analytical benzene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Stable”, “Decreasing”, “Decreasing”, “Increasing”, “Increasing”, and “Decreasing”.

For the 1st quarter the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-2, and recovery well RW-2 to 0.0114 mg/L for monitor well MW-24.

For the 2nd quarter the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-2, and recovery well RW-2 to 0.0125 mg/L for monitor well MW-24.

For the 3rd quarter the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-1 and MW-2 to 0.0102 mg/L for monitor well MW-24.

For the 4th quarter the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, and recovery well RW-2 to 0.0186 mg/L for monitor well MW-24.

Please reference Table 8 for GSI-MKT toluene results. Analytical toluene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “No Trend”, “No Trend”, “Probably Decreasing”, “Decreasing”, “Decreasing”, and “Decreasing”.

For the 1st quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW6, MW-2 to 0.694 mg/L for monitor well MW-24.

For the 2nd quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW6, MW-2 to 0.823 mg/L for monitor well MW-24.

For the 3rd quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW6, MW-2 to 0.601 mg/L for monitor well MW-24.

For the 4th quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW6, MW-2 to 0.824 mg/L for monitor well MW-24.

Please reference Table 9 for GSI-MKT ethylbenzene results. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Stable”, “Decreasing”, “Decreasing”, “Decreasing”, “No Trend”, and “Decreasing”.

For the 1st quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-2, and recovery well RW-2 to 0.3102 mg/L for monitor well MW-24.

For the 2nd quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-12, and recovery well RW-2 to 0.2764 mg/L for monitor well MW-24.

For the 3rd quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-6, and recovery well RW-2 to 0.2591 mg/L for monitor well MW-24.

For the 4th quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-2, and MW-12 to 0.3344 mg/L for monitor well MW-24.

Please reference Table 10 for GSI-MKT xylene results. Analytical xylene data for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “No Trend”, “No Trend”, “Decreasing”, “No Trend”, “Increasing”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of TOC ranged from 10.9 mg/L for monitor well MW-2, to 123 mg/L for monitor well MW-4.

For the 2nd quarter the analytical results for concentrations of TOC ranged from less than the applicable laboratory RL for monitor well MW-2, to 118 mg/L for monitor well MW-4.

For the 3rd quarter the analytical results for concentrations of TOC ranged from 15.5 mg/L for monitor well MW-2, to 98.3 mg/L for monitor well MW-24.

For the 4th quarter the analytical results for concentrations of TOC ranged from 17.0 mg/L for monitor well MW-2, to 116 mg/L for monitor well MW-4.

Please reference Table 11 for GSI-MKT TOC results. Analytical TOC data for the previous five (5) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “No Trend”, “No Trend”, “No Trend”, “Decreasing”, “Stable”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00296 mg/L for monitor well MW-1 to 0.915 mg/L for monitor well MW-4.

For the 2nd quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00205 mg/L for monitor well MW-1 to 1.46 mg/L for monitor well MW-4.

For the 3rd quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00189 mg/L for monitor well MW-1 to 0.863 mg/L for monitor well MW-24.

For the 4th quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00210 mg/L for monitor well MW-1 to 1.43 mg/L for monitor well MW-24.

Please reference Table 12 for GSI-MKT Dissolved Methane results. Analytical TOC data for the previous five (5) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “No Trend”, “No Trend”, “Stable”, “Stable”, “No Trend”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-1 and MW-6 to 0.00471 mg/L for monitor well MW-24.

For the 2nd quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-1 and MW-6 to 0.00599 mg/L for monitor well MW-24.

For the 3rd quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-1 and MW-6 to 0.00909 mg/L for monitor well MW-24.

For the 4th quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-1 and MW-6 to 0.00805 mg/L for monitor well MW-24.

Please reference Table 13 for GSI-MKT Dissolved Ethane results. Analytical Dissolved Ethane data for the previous five (5) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Stable”, “Stable”, “No Trend”, “No Trend”, “Increasing”, and “Stable”.

For the 1st quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor wells MW-6 and MW-24 to 0.0604 mg/L for monitor well MW-4.

For the 2nd quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor well MW-4 to 0.00438 mg/L for monitor well MW-24.

For the 3rd quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor well MW-2 to 0.118 mg/L for monitor well MW-24.

For the 4th quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor wells MW-1 and MW-4 to 0.00674 mg/L for monitor well MW-24.

Please reference Table 14 for GSI-MKT Dissolved Ethene results. Analytical Dissolved Ethene data for the previous five (5) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Stable”, “No Trend”, “No Trend”, “No Trend”, “Probably Increasing”, and “Stable”.

For the 1st quarter the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-4, and MW-24 to 0.0603 mg/L for recovery well RW-2.

For the 2nd quarter the analytical results for concentrations of Dissolved Iron (filtered) were less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2

For the 3rd quarter the analytical results for concentrations of Dissolved Iron (filtered) were less than the applicable laboratory RL for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2

For the 4th quarter the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor wells MW-1, MW-2, MW-4, MW-24, and recovery well RW-2 to 0.343 mg/L for monitor well MW-6.

Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results. Analytical Dissolved Iron data for the previous five (5) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “No Trend”, “Probably Increasing”, “Stable”, “No Trend”, “No Trend”, and “Stable”.

For the 1st quarter the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.00154 mg/L for monitor well MW-24 to 0.0490 mg/L for recovery well RW-2.

For the 2nd quarter the analytical results for concentrations of Dissolved Manganese (filtered) ranged from less than the applicable laboratory RL for monitor well MW-24 to 0.0405 mg/L for recovery well RW-2.

For the 3rd quarter the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.00513 mg/L for monitor well MW-24 to 0.0287 mg/L for monitor well MW-2.

The analytical results for concentrations of Dissolved Manganese (filtered) ranged from less than the applicable laboratory RL for monitor well MW-24 to 0.0557 mg/L for recovery well RW-2.

Please reference Table 16 for GSI-MKT Dissolved Manganese (filtered) results. Analytical Dissolved Manganese data for the previous five (5) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Stable”, “Stable”, “Stable”, “No Trend”, “No Trend”, and “Stable”.

For the 1st quarter the analytical results for concentrations of Nitrate ranged from less than the applicable laboratory RL for monitor wells MW-2, MW-4, MW-24, and recovery well RW-2 to 4.07 mg/L for monitor well MW-6.

For the 2nd quarter the analytical results for concentrations of Nitrate ranged from less than the applicable laboratory RL for monitor wells MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 to 1.88 mg/L for monitor well MW-1.

For the 3rd quarter the analytical results for concentrations of Nitrate ranged from less than the applicable laboratory RL for monitor wells MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 to 1.58 mg/L for monitor well MW-1.

For the 4th quarter the analytical results for concentrations of Nitrate ranged from less than the applicable laboratory RL for monitor wells MW-6, MW-4, and MW-24 to 3.80 mg/L for recovery well RW-2

Please reference Table 17 for GSI-MKT Nitrate results. Analytical Nitrate data for the previous five (5) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Decreasing”, “Probably Decreasing”, “No Trend”, “No Trend”, “No Trend”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of Sulfate ranged from 794 mg/L monitor well MW-24 to 5240 mg/L for monitor well MW-6.

For the 2nd quarter the analytical results for concentrations of Sulfate ranged from 696 mg/L monitor well MW-24 to 4990 mg/L for monitor well MW-6.

For the 3rd quarter the analytical results for concentrations of Sulfate ranged from 702 mg/L monitor well MW-24 to 4930 mg/L for monitor well MW-6.

For the 4th quarter the analytical results for concentrations of Sulfate ranged from 675 mg/L monitor well MW-24 to 4280 mg/L for monitor well MW-6.

Please reference Table 18 for GSI-MKT Sulfate results. Analytical Sulfate data for the previous five (5) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Decreasing”, “Decreasing”, “Decreasing”, “No Trend”, “Decreasing”, and “Decreasing”.

For the 1st quarter the analytical results for concentrations of COD ranged 41.0 mg/L for monitor well MW-2 to 824 mg/L for monitor well MW-24.

For the 2nd quarter the analytical results for concentrations of COD ranged 61.0 mg/L for monitor well MW-2 to 588 mg/L for monitor well MW-24.

For the 3rd quarter the analytical results for concentrations of COD ranged 59.0 mg/L for monitor well MW-1 to 574 mg/L for monitor well MW-24.

For the 4th quarter the analytical results for concentrations of COD ranged 63.0 mg/L for monitor well MW-2 to 710 mg/L for monitor well MW-24.

Please reference Table 19 for GSI-MKT COD results. Analytical COD data for the previous five (5) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2. The GSI-MKT indicated the Concentration Trends for MW-1, MW-6, MW-2, MW-4, MW-24, and recovery well RW-2 were as follows “Increasing”, “No Trend”, “No Trend”, “No Trend”, “No Trend”, and “No Trend”.

SUMMARY

This report presents the results of monitoring activities for the 2022 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 0.0056 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 0.0051 feet/foot to 0.0064 feet/foot in a southeast direction. The corrected groundwater elevations ranged between 3,464.75 to 3,472.88 feet above mean sea level, in monitor well MW-27 on August 23, 2022, and in monitor well MW-1 on January 13, 2022, respectively.

Measurable thicknesses of PSH ranging from 0.22 feet to 0.98 feet were detected in monitor well MW-5 during the 2022 reporting period. Measurable thicknesses of PSH ranging from 0.45 feet to 1.76 feet was detected in monitor well MW-7 during the 2022 reporting period. Measurable thicknesses of PSH ranging from 0.02 feet to 0.30 feet were detected in recovery well RW-2 during the reporting period. The maximum PSH thickness of all wells containing PSH was 1.76 feet and was recorded on June 28, 2022, 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 0.81 feet during the reporting period. Approximately 22.65 gallons (0.54 barrels) of PSH was recovered from the Site during the 2022 reporting period. A total of approximately 1,422.24 gallons (33.86 barrels) of PSH has been recovered since project inception.

Review of the laboratory analytical results indicated fifteen (15) monitor wells exhibited BTEX constituent concentrations below the NMOCD regulatory guideline during the 4th quarter 2022 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 2023. 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, 2024.

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 2022 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.

DISTRIBUTION

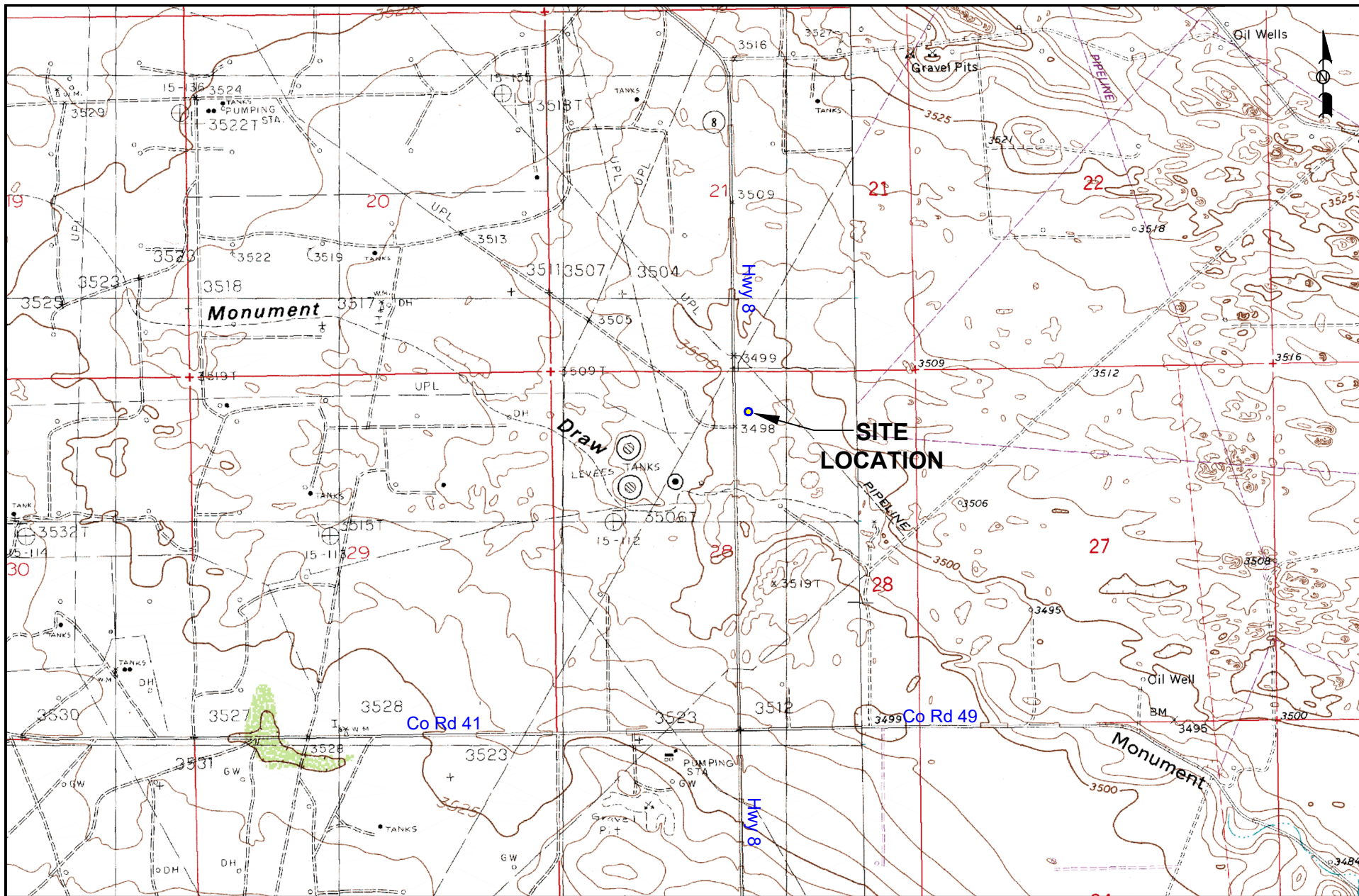
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FIGURES



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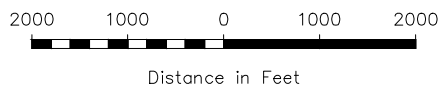
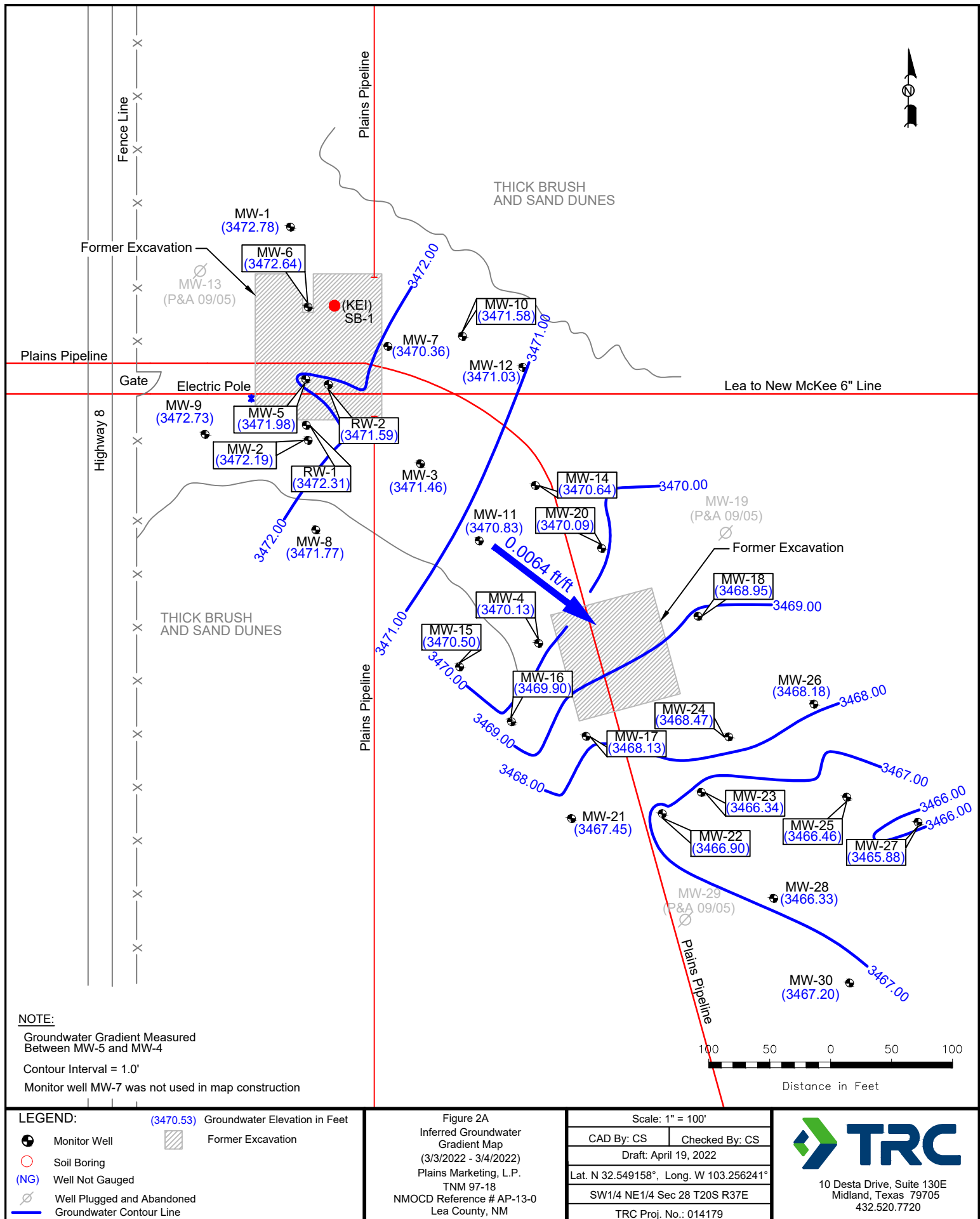


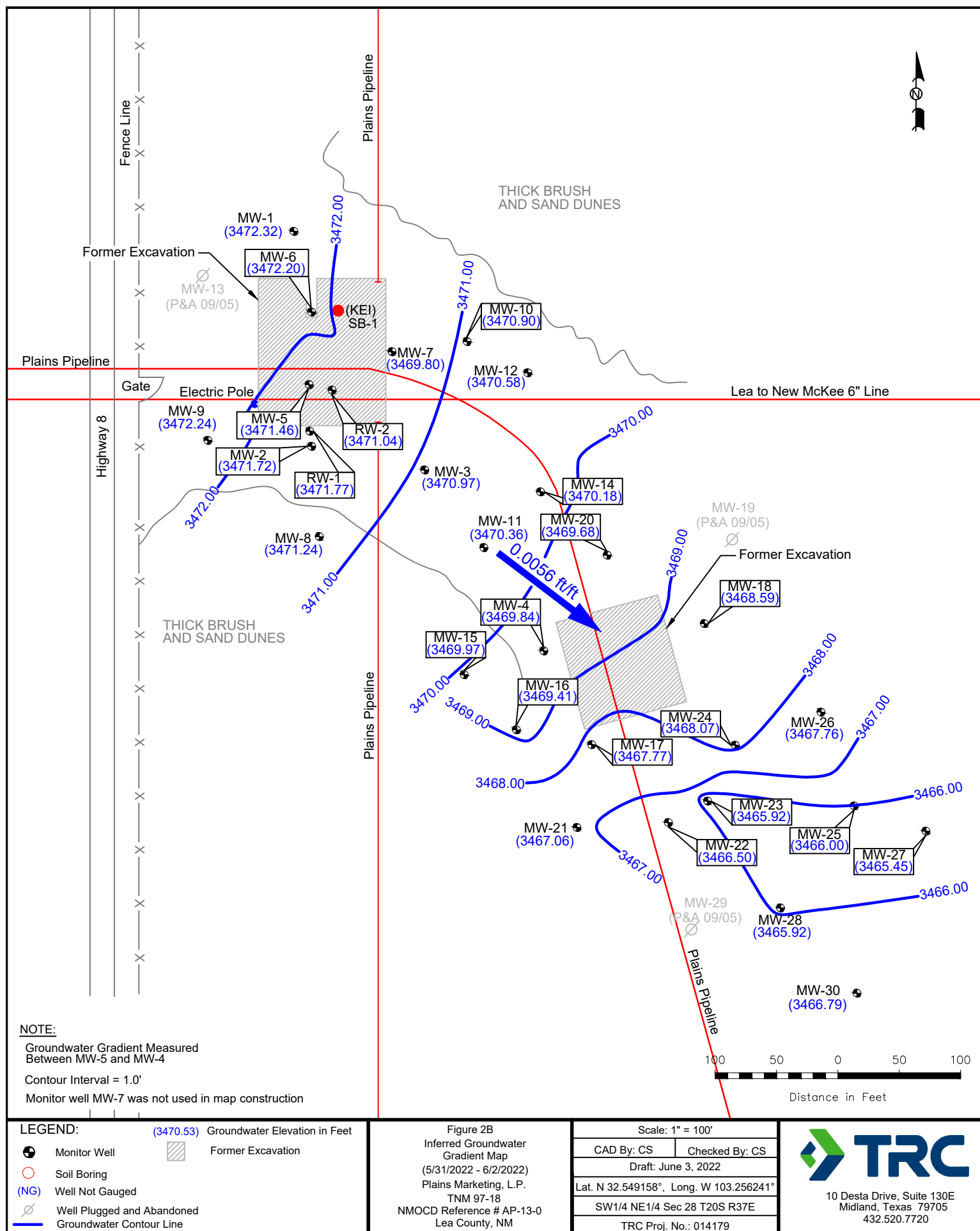
Figure 1
Site Location Map
Plains Marketing, L.P.
TNM 97-18
NMOCD Reference # AP-13-0
Lea County, NM

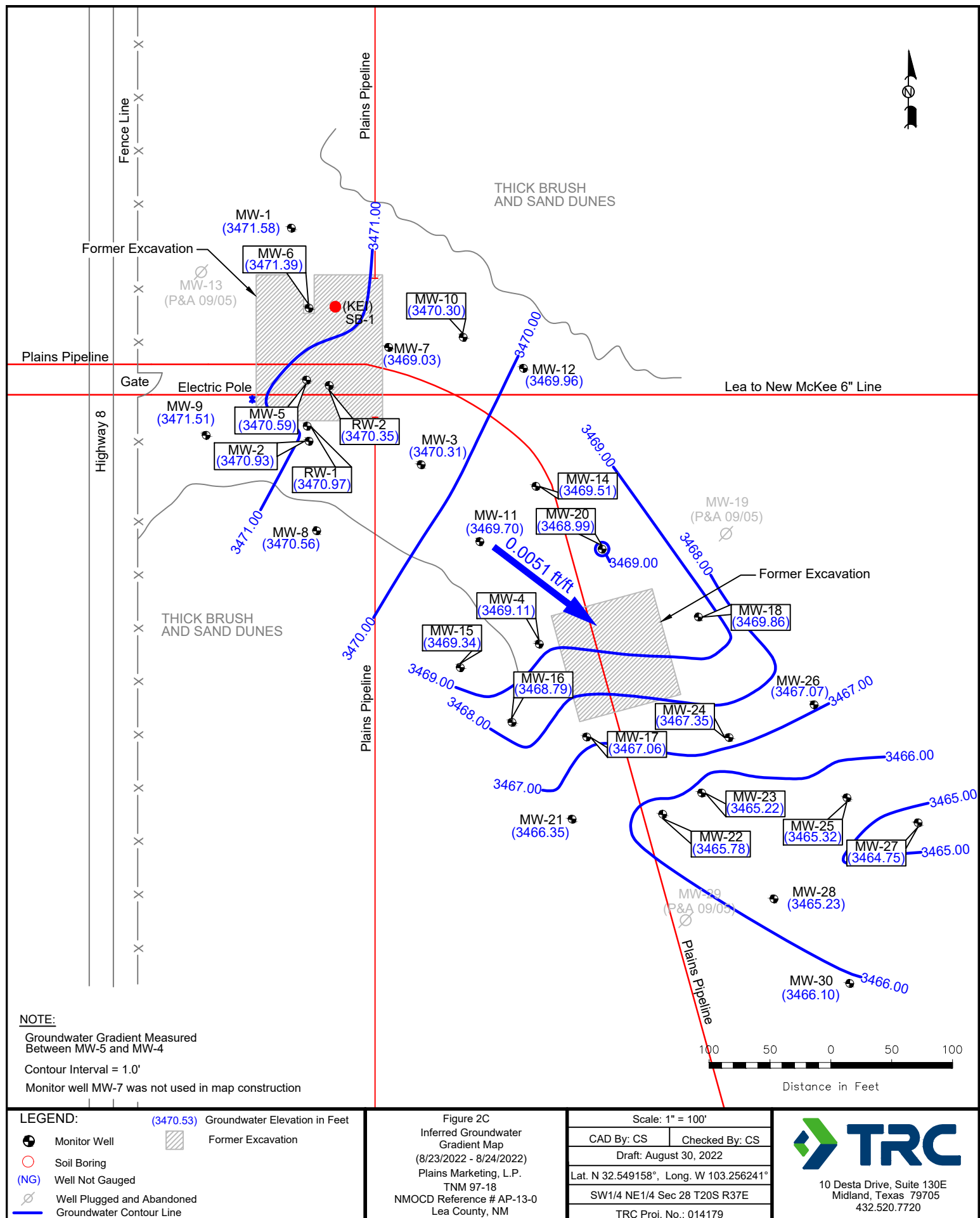
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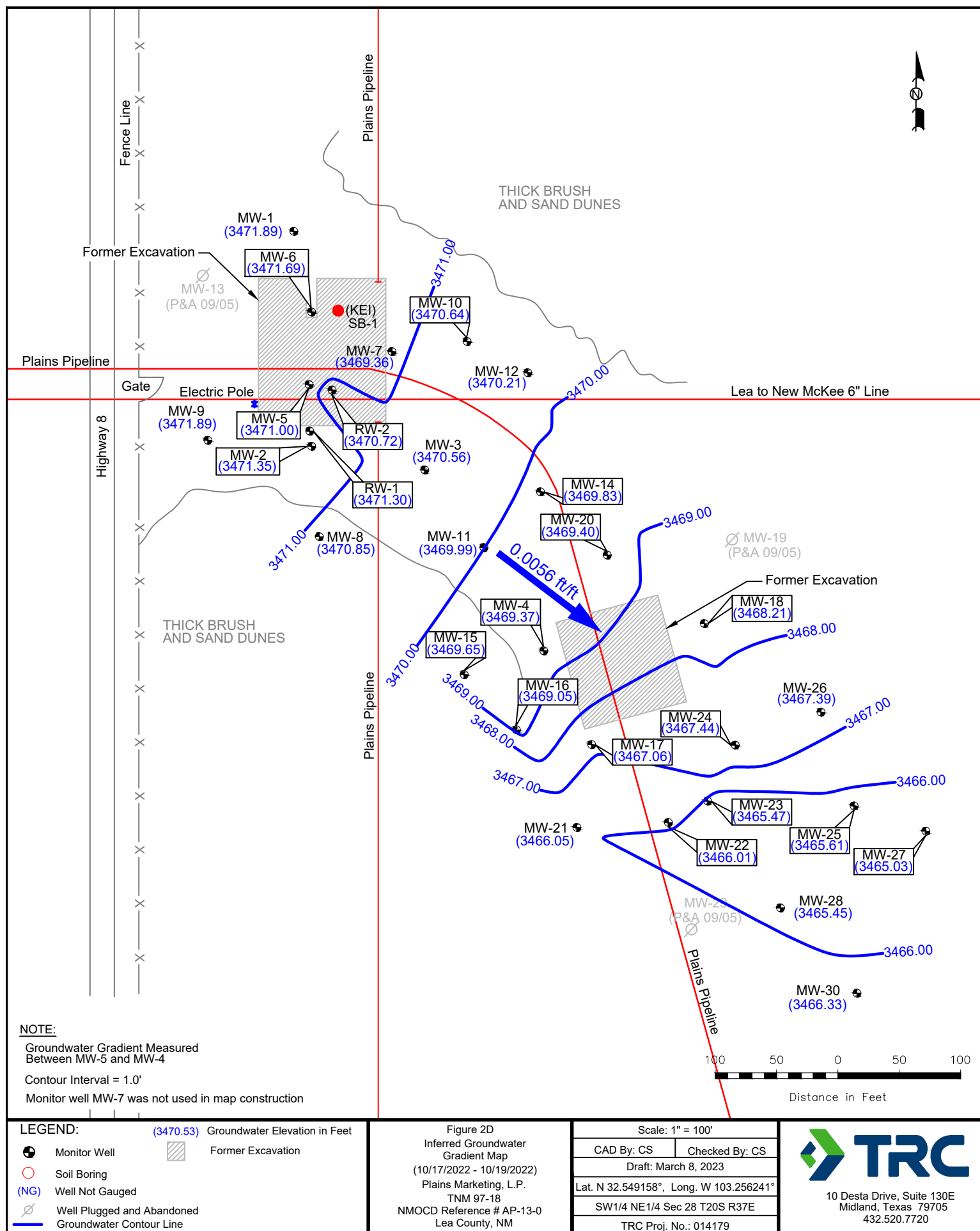
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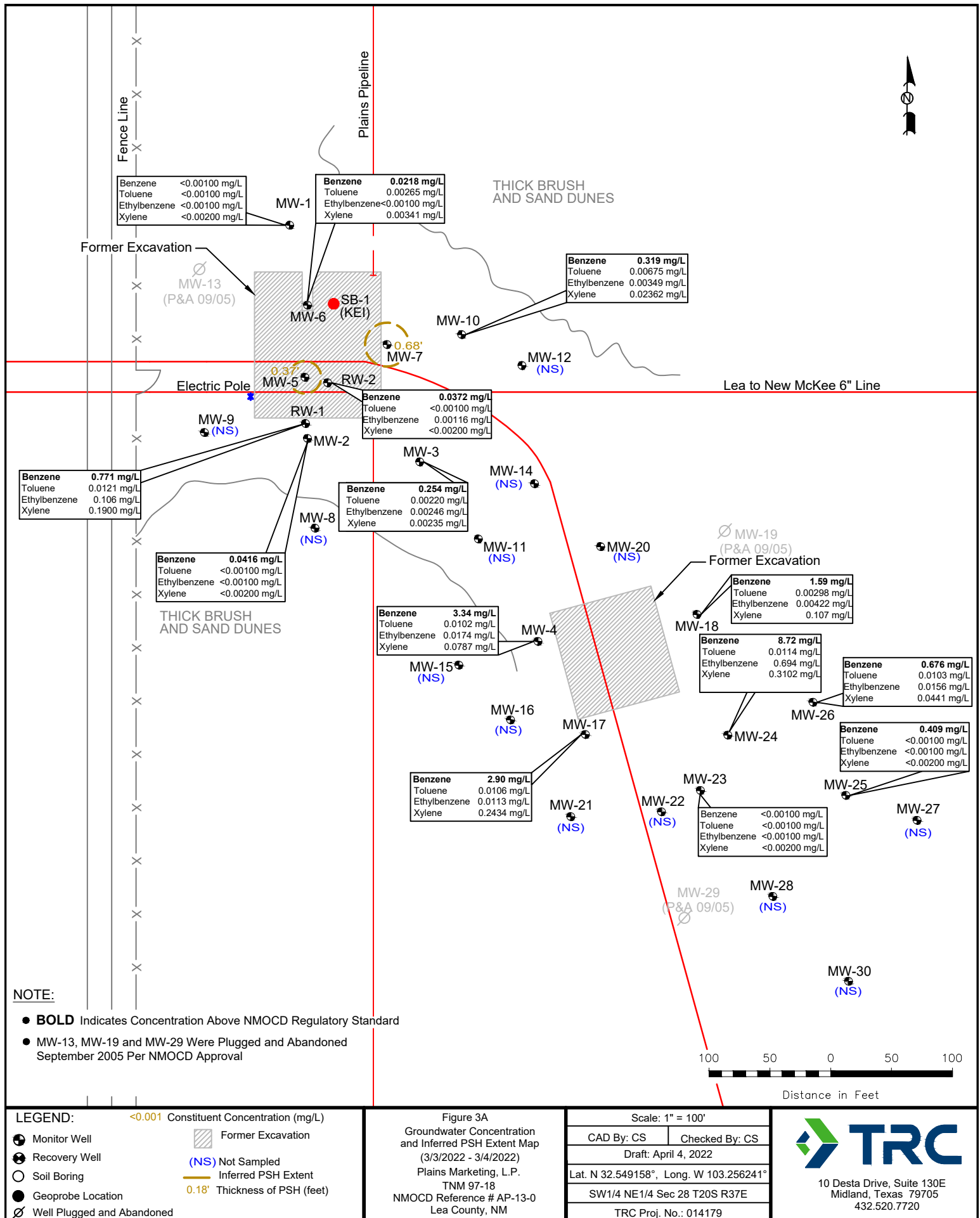
TRC
10 Desta Drive, Suite 130E
Midland, Texas 79705
432.520.7720

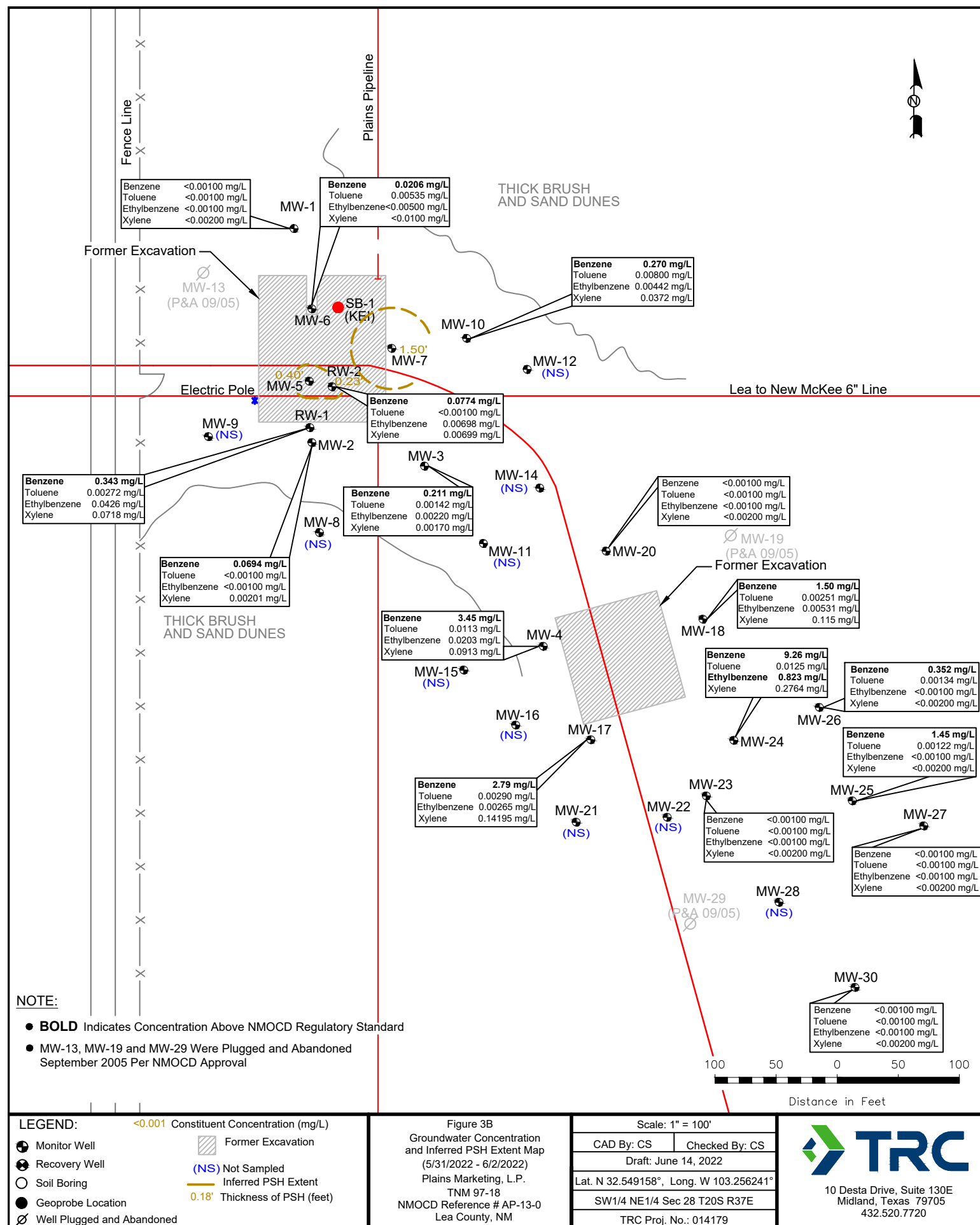


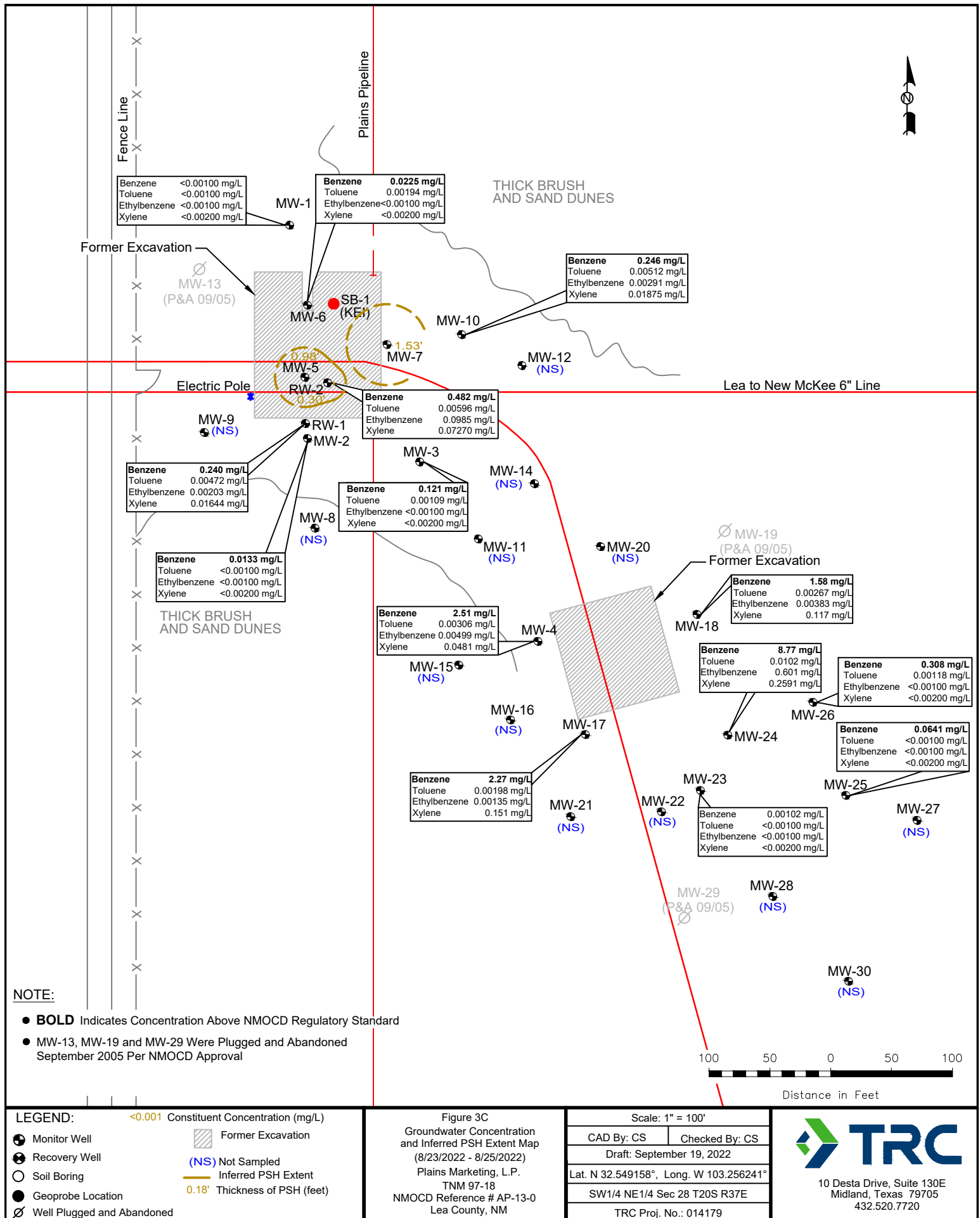


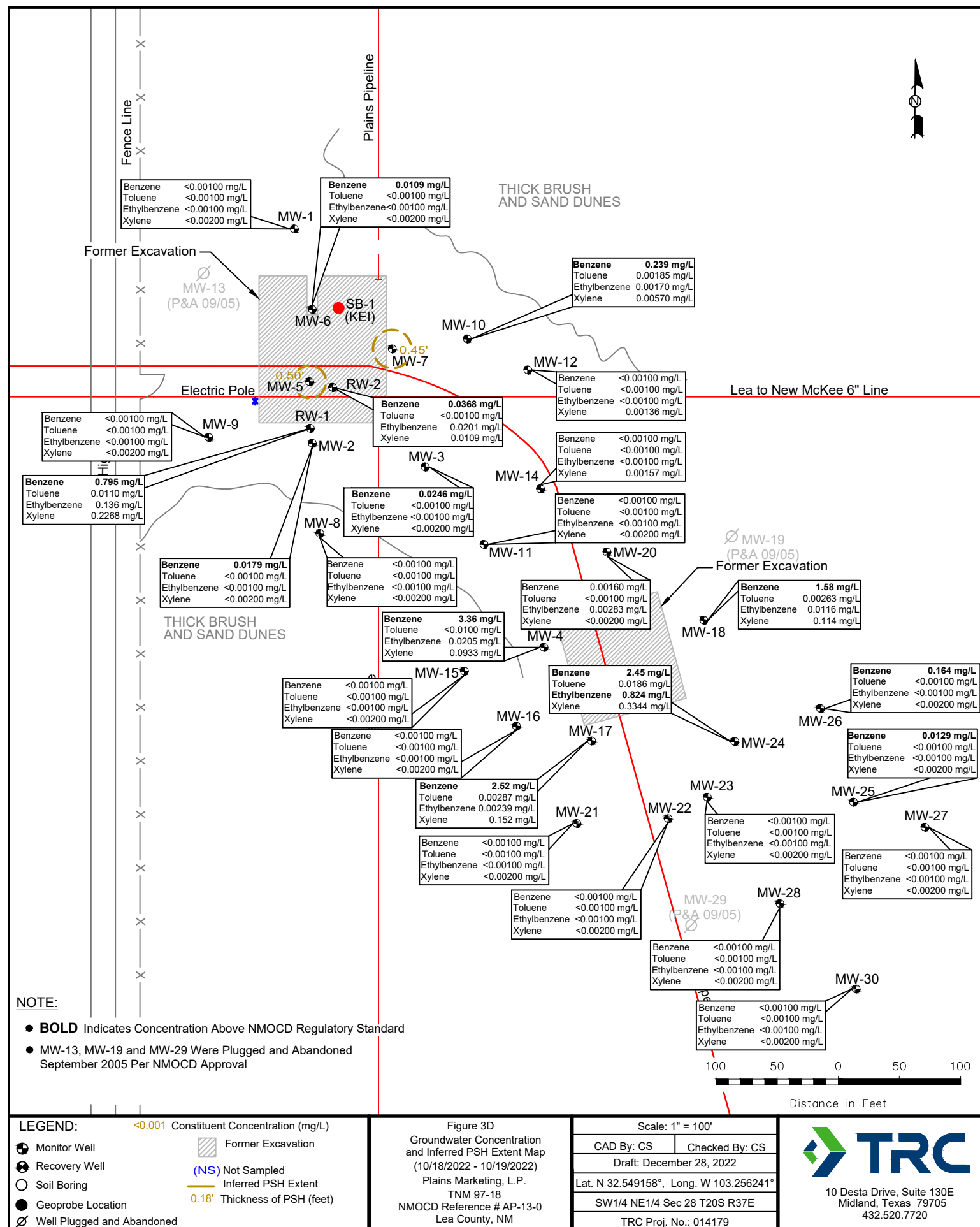












TABLES

TABLE 1

2022 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	01/13/22	3500.17	-	27.29	0.00	3472.88
MW - 1	03/03/22	3500.17	-	27.39	0.00	3472.78
MW - 1	04/28/22	3500.17	-	27.39	0.00	3472.78
MW - 1	06/01/22	3500.17	-	27.85	0.00	3472.32
MW - 1	08/23/22	3500.17	-	28.59	0.00	3471.58
MW - 1	10/18/22	3500.17	-	28.28	0.00	3471.89
MW - 2	01/13/22	3499.19	-	26.86	0.00	3472.33
MW - 2	03/03/22	3499.19	-	27.00	0.00	3472.19
MW - 2	03/17/22	3499.19	-	26.95	0.00	3472.24
MW - 2	04/28/22	3499.19	-	26.99	0.00	3472.20
MW - 2	06/01/22	3499.19	-	27.47	0.00	3471.72
MW - 2	08/24/22	3499.19	-	28.26	0.00	3470.93
MW - 2	10/18/22	3499.19	-	27.84	0.00	3471.35
MW - 3	01/13/22	3500.05	-	28.50	0.00	3471.55
MW - 3	03/04/22	3500.05	-	28.59	0.00	3471.46
MW - 3	04/28/22	3500.05	-	28.62	0.00	3471.43
MW - 3	06/01/22	3500.05	-	29.08	0.00	3470.97
MW - 3	08/23/22	3500.05	-	29.74	0.00	3470.31
MW - 3	10/17/22	3500.05	-	29.49	0.00	3470.56
MW - 4	01/13/22	3498.38	-	28.02	0.00	3470.36
MW - 4	03/03/22	3498.38	-	28.25	0.00	3470.13
MW - 4	04/28/22	3498.38	-	28.30	0.00	3470.08
MW - 4	06/01/22	3498.38	-	28.54	0.00	3469.84
MW - 4	08/24/22	3498.38	-	29.27	0.00	3469.11
MW - 4	10/18/22	3498.38	-	29.01	0.00	3469.37
MW - 5	01/13/22	3500.12	28.03	28.25	0.22	3472.06
MW - 5	03/04/22	3500.12	28.08	28.45	0.37	3471.98
MW - 5	04/28/22	3500.12	28.18	28.55	0.37	3471.88
MW - 5	06/02/22	3500.12	28.60	29.00	0.40	3471.46
MW - 5	08/24/22	3500.12	29.38	30.36	0.98	3470.59
MW - 5	10/18/22	3500.12	29.05	29.55	0.50	3471.00
MW - 6	01/13/22	3499.82	-	27.08	0.00	3472.74
MW - 6	02/16/22	3499.82	-	27.00	0.00	3472.82
MW - 6	03/03/22	3499.82	-	27.18	0.00	3472.64
MW - 6	03/17/22	3499.82	-	27.14	0.00	3472.68
MW - 6	04/28/22	3499.82	-	27.18	0.00	3472.64
MW - 6	06/01/22	3499.82	-	27.62	0.00	3472.20
MW - 6	08/24/22	3499.82	-	28.43	0.00	3471.39
MW - 6	09/29/22	3499.82	-	27.96	0.00	3471.86
MW - 6	10/18/22	3499.82	-	28.03	0.00	3471.79
MW - 6	12/09/22	3499.82	-	27.65	0.00	3472.17

TABLE 1

2022 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	01/14/22	3498.33	27.94	28.70	0.76	3470.28
MW - 7	02/16/22	3498.33	27.77	28.24	0.47	3470.49
MW - 7	03/04/22	3498.33	27.87	28.55	0.68	3470.36
MW - 7	03/17/22	3498.33	27.84	28.66	0.82	3470.37
MW - 7	04/06/22	3498.33	28.05	29.30	1.25	3470.09
MW - 7	04/28/22	3498.33	27.90	28.64	0.74	3470.32
MW - 7	06/02/22	3498.33	28.31	29.81	1.50	3469.80
MW - 7	06/28/22	3498.33	28.52	30.28	1.76	3469.55
MW - 7	07/18/22	3498.33	28.75	30.30	1.55	3469.35
MW - 7	08/24/22	3498.33	29.07	30.60	1.53	3469.03
MW - 7	08/25/22	3498.33	29.07	30.60	1.53	3469.03
MW - 7	09/29/22	3498.33	28.61	29.85	1.24	3469.53
MW - 7	10/14/22	3498.33	28.61	30.25	1.64	3469.47
MW - 7	10/19/22	3498.33	28.90	29.35	0.45	3469.36
MW - 7	11/01/22	3498.33	28.56	29.79	1.23	3469.59
MW - 7	12/09/22	3498.33	28.30	29.88	1.58	3469.79
MW - 8	01/13/22	3502.23	-	30.40	0.00	3471.83
MW - 8	03/03/22	3502.23	-	30.46	0.00	3471.77
MW - 8	04/28/22	3502.23	-	30.52	0.00	3471.71
MW - 8	05/31/22	3502.23	-	30.99	0.00	3471.24
MW - 8	08/23/22	3502.23	-	31.67	0.00	3470.56
MW - 8	10/19/22	3502.23	-	31.38	0.00	3470.85
MW - 9	01/13/22	3502.24	-	29.46	0.00	3472.78
MW - 9	03/03/22	3502.24	-	29.51	0.00	3472.73
MW - 9	04/28/22	3502.24	-	29.58	0.00	3472.66
MW - 9	05/31/22	3502.24	-	30.00	0.00	3472.24
MW - 9	08/23/22	3502.24	-	30.73	0.00	3471.51
MW - 9	10/19/22	3502.24	-	30.39	0.00	3471.85
MW - 10	01/13/22	3499.42	-	27.90	0.00	3471.52
MW - 10	02/16/22	3499.42	-	27.87	0.00	3471.55
MW - 10	03/04/22	3499.42	-	27.84	0.00	3471.58
MW - 10	03/17/22	3499.42	-	27.95	0.00	3471.47
MW - 10	04/28/22	3499.42	-	28.05	0.00	3471.37
MW - 10	06/02/22	3499.42	-	28.52	0.00	3470.90
MW - 10	06/28/22	3499.42	-	28.75	0.00	3470.67
MW - 10	08/24/22	3499.42	-	29.12	0.00	3470.30
MW - 10	09/29/22	3499.42	-	28.78	0.00	3470.64
MW - 10	10/17/22	3499.42	-	28.78	0.00	3470.64
MW - 10	12/09/22	3499.42	-	28.40	0.00	3471.02
MW - 11	01/13/22	3498.18	-	27.28	0.00	3470.90
MW - 11	03/03/22	3498.18	-	27.35	0.00	3470.83
MW - 11	04/28/22	3498.18	-	27.45	0.00	3470.73
MW - 11	05/31/22	3498.18	-	27.82	0.00	3470.36

TABLE 1

2022 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	08/23/22	3498.18	-	28.48	0.00	3469.70
MW - 11	10/19/22	3498.18	-	28.19	0.00	3469.99
MW - 12	01/13/22	3499.66	-	28.53	0.00	3471.13
MW - 12	03/03/22	3499.66	-	28.63	0.00	3471.03
MW - 12	04/28/22	3499.66	-	28.62	0.00	3471.04
MW - 12	05/31/22	3499.66	-	29.08	0.00	3470.58
MW - 12	08/23/22	3499.66	-	29.70	0.00	3469.96
MW - 12	10/19/22	3499.66	-	29.45	0.00	3470.21
MW - 14	01/13/22	3498.54	-	27.83	0.00	3470.71
MW - 14	03/03/22	3498.54	-	27.90	0.00	3470.64
MW - 14	04/28/22	3498.54	-	27.96	0.00	3470.58
MW - 14	05/31/22	3498.54	-	28.36	0.00	3470.18
MW - 14	08/23/22	3498.54	-	29.03	0.00	3469.51
MW - 14	10/19/22	3498.54	-	28.71	0.00	3469.83
MW - 15	01/13/22	3500.65	-	30.09	0.00	3470.56
MW - 15	03/03/22	3500.65	-	30.15	0.00	3470.50
MW - 15	04/28/22	3500.65	-	30.23	0.00	3470.42
MW - 15	05/31/22	3500.65	-	30.68	0.00	3469.97
MW - 15	08/23/22	3500.65	-	31.31	0.00	3469.34
MW - 15	10/19/22	3500.65	-	31.00	0.00	3469.65
MW - 16	01/13/22	3501.45	-	31.47	0.00	3469.98
MW - 16	03/03/22	3501.45	-	31.55	0.00	3469.90
MW - 16	04/28/22	3501.45	-	31.60	0.00	3469.85
MW - 16	05/31/22	3501.45	-	32.04	0.00	3469.41
MW - 16	08/23/22	3501.45	-	32.66	0.00	3468.79
MW - 16	10/19/22	3501.45	-	32.40	0.00	3469.05
MW - 17	01/13/22	3497.25	-	29.02	0.00	3468.23
MW - 17	03/04/22	3497.25	-	29.12	0.00	3468.13
MW - 17	04/28/22	3497.25	-	29.15	0.00	3468.10
MW - 17	06/02/22	3497.25	-	29.48	0.00	3467.77
MW - 17	08/24/22	3497.25	-	30.19	0.00	3467.06
MW - 17	10/19/22	3497.25	-	30.19	0.00	3467.06
MW - 18	01/13/22	3497.25	-	28.22	0.00	3469.03
MW - 18	03/04/22	3497.25	-	28.30	0.00	3468.95
MW - 18	04/28/22	3497.25	-	28.32	0.00	3468.93
MW - 18	06/02/22	3497.25	-	28.66	0.00	3468.59
MW - 18	08/24/22	3497.25	-	27.39	0.00	3469.86
MW - 18	10/17/22	3497.25	-	29.04	0.00	3468.21
MW - 20	01/13/22	3496.59	-	26.39	0.00	3470.20
MW - 20	03/03/22	3496.59	-	26.50	0.00	3470.09
MW - 20	04/28/22	3496.59	-	26.57	0.00	3470.02
MW - 20	06/02/22	3496.59	-	26.91	0.00	3469.68

TABLE 1

2022 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	08/23/22	3496.59	-	27.60	0.00	3468.99
MW - 20	10/19/22	3496.59	-	27.19	0.00	3469.40
MW - 21	01/13/22	3503.03	-	35.51	0.00	3467.52
MW - 21	03/03/22	3503.03	-	35.58	0.00	3467.45
MW - 21	04/28/22	3503.03	-	35.62	0.00	3467.41
MW - 21	05/31/22	3503.03	-	35.97	0.00	3467.06
MW - 21	08/23/22	3503.03	-	36.68	0.00	3466.35
MW - 21	10/19/22	3503.03	-	36.48	0.00	3466.55
MW - 22	01/13/22	3500.05	-	33.09	0.00	3466.96
MW - 22	03/03/22	3500.05	-	33.15	0.00	3466.90
MW - 22	04/28/22	3500.05	-	33.20	0.00	3466.85
MW - 22	05/31/22	3500.05	-	33.55	0.00	3466.50
MW - 22	08/23/22	3500.05	-	34.27	0.00	3465.78
MW - 22	10/19/22	3500.05	-	34.04	0.00	3466.01
MW - 23	01/13/22	3498.88	-	32.49	0.00	3466.39
MW - 23	03/04/22	3498.88	-	32.54	0.00	3466.34
MW - 23	04/28/22	3498.88	-	32.60	0.00	3466.28
MW - 23	06/02/22	3498.88	-	32.96	0.00	3465.92
MW - 23	08/24/22	3498.88	-	33.66	0.00	3465.22
MW - 23	10/19/22	3498.88	-	33.41	0.00	3465.47
MW - 24	01/13/22	3498.79	-	30.22	0.00	3468.57
MW - 24	03/03/22	3498.79	-	30.32	0.00	3468.47
MW - 24	04/28/22	3498.79	-	30.35	0.00	3468.44
MW - 24	06/01/22	3498.79	-	30.72	0.00	3468.07
MW - 24	08/24/22	3498.79	-	31.44	0.00	3467.35
MW - 24	10/18/22	3498.79	-	31.15	0.00	3467.64
MW - 25	01/13/22	3498.08	-	31.56	0.00	3466.52
MW - 25	03/04/22	3498.08	-	31.62	0.00	3466.46
MW - 25	04/28/22	3498.08	-	31.67	0.00	3466.41
MW - 25	06/02/22	3498.08	-	32.08	0.00	3466.00
MW - 25	08/24/22	3498.08	-	32.76	0.00	3465.32
MW - 25	10/17/22	3498.08	-	32.47	0.00	3465.61
MW - 26	01/13/22	3499.18	-	30.96	0.00	3468.22
MW - 26	03/04/22	3499.18	-	31.00	0.00	3468.18
MW - 26	04/28/22	3499.18	-	31.04	0.00	3468.14
MW - 26	06/02/22	3499.18	-	31.42	0.00	3467.76
MW - 26	08/24/22	3499.18	-	32.11	0.00	3467.07
MW - 26	10/17/22	3499.18	-	31.79	0.00	3467.39
MW - 27	01/13/22	3498.03	-	32.10	0.00	3465.93
MW - 27	03/03/22	3498.03	-	32.15	0.00	3465.88

TABLE 1

2022 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 27	04/28/22	3498.03	-	32.20	0.00	3465.83
MW - 27	06/02/22	3498.03	-	32.58	0.00	3465.45
MW - 27	08/23/22	3498.03	-	33.28	0.00	3464.75
MW - 27	10/19/22	3498.03	-	33.00	0.00	3465.03
MW - 28	01/13/22	3498.69	-	32.29	0.00	3466.40
MW - 28	03/03/22	3498.69	-	32.36	0.00	3466.33
MW - 28	04/28/22	3498.69	-	32.40	0.00	3466.29
MW - 28	05/31/22	3498.69	-	32.77	0.00	3465.92
MW - 28	08/23/22	3498.69	-	33.46	0.00	3465.23
MW - 28	10/19/22	3498.69	-	33.24	0.00	3465.45
MW - 30	01/13/22	3498.65	-	31.37	0.00	3467.28
MW - 30	03/03/22	3498.65	-	31.45	0.00	3467.20
MW - 30	04/28/22	3498.65	-	31.48	0.00	3467.17
MW - 30	06/02/22	3498.65	-	31.86	0.00	3466.79
MW - 30	08/23/22	3498.65	-	32.55	0.00	3466.10
MW - 30	10/19/22	3498.65	-	32.32	0.00	3466.33
RW - 1	01/13/22	3498.89	-	26.52	0.00	3472.37
RW - 1	03/04/22	3498.89	-	26.58	0.00	3472.31
RW - 1	03/17/22	3498.89	-	26.60	0.00	3472.29
RW - 1	04/28/22	3498.89	-	26.62	0.00	3472.27
RW - 1	06/02/22	3498.89	-	27.12	0.00	3471.77
RW - 1	08/24/22	3498.89	-	27.92	0.00	3470.97
RW - 1	10/17/22	3498.89	-	27.59	0.00	3471.30
RW - 2	01/14/22	3498.99	-	27.51	0.00	3471.48
RW - 2	02/16/22	3498.99	-	27.22	0.00	3471.77
RW - 2	03/03/22	3498.99	-	27.40	0.00	3471.59
RW - 2	03/17/22	3498.99	27.38	27.40	0.02	3471.61
RW - 2	04/06/22	3498.99	-	27.55	0.00	3471.44
RW - 2	04/28/22	3498.99	-	27.45	0.00	3471.54
RW - 2	06/01/22	3498.99	27.92	28.15	0.23	3471.04
RW - 2	06/28/22	3498.99	28.11	28.31	0.20	3470.85
RW - 2	08/24/22	3498.99	28.60	28.90	0.30	3470.35
RW - 2	08/25/22	3498.99	28.60	28.90	0.30	3470.35
RW - 2	09/29/22	3498.99	-	28.12	0.00	3470.87
RW - 2	10/14/22	3498.99	-	28.19	0.00	3470.80
RW - 2	10/18/22	3498.99	-	28.27	0.00	3470.72
RW - 2	12/09/22	3498.99	27.82	27.85	0.03	3471.17

TABLE 2
2022 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 - 1	03/03/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1	06/01/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1	08/24/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1	10/18/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	03/03/22	0.0416	<0.00100	<0.00100	<0.00200	
MW - 2	06/01/22	0.0694	<0.00100	<0.00100	0.00201	
MW - 2	08/24/22	0.0133	<0.00100	<0.00100	<0.00200	
MW - 2	10/18/22	0.0179	<0.00100	<0.00100	<0.00200	
MW - 3	03/04/22	0.254	0.00220	0.00246	0.00235	
MW - 3	06/02/22	0.211	0.00142	0.00220	0.00170	
MW - 3	08/24/22	0.121	0.00109	<0.00100	<0.00200	
MW - 3	10/19/22	0.0246	<0.00100	<0.00100	<0.00200	
MW - 4	03/03/22	3.34	0.0102	0.0174	0.0787	
MW - 4	06/01/22	3.45	0.0113	0.0203	0.0913	
MW - 4	08/24/22	2.51	0.00306	0.00499	0.0481	
MW - 4	10/18/22	3.36	<0.0100	0.0205	0.0933	
MW - 5	03/04/22	Not Sampled Due to PSH in Well				
MW - 5	06/02/22	Not Sampled Due to PSH in Well				
MW - 5	08/24/22	Not Sampled Due to PSH in Well				
MW - 5	10/18/22	Not Sampled Due to PSH in Well				
MW - 6	03/03/22	0.0218	0.00265	<0.00100	0.00341	
MW - 6	06/01/22	0.0206	0.00535	<0.00500	<0.0100	
MW - 6	08/24/22	0.0225	0.00194	<0.00100	<0.00200	
MW - 6	10/18/22	0.0109	<0.00100	<0.00100	<0.00200	
MW - 7	03/04/22	Not Sampled Due to PSH in Well				
MW - 7	06/02/22	Not Sampled Due to PSH in Well				
MW - 7	08/24/22	Not Sampled Due to PSH in Well				
MW - 7	10/18/22	Not Sampled Due to PSH in Well				
MW - 8	03/03/22	Not Sampled on Current Sample Schedule				
MW - 8	06/01/22	Not Sampled on Current Sample Schedule				
MW - 8	08/23/22	Not Sampled on Current Sample Schedule				
MW - 8	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	03/03/22	Not Sampled on Current Sample Schedule				

TABLE 2
2022 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 - 9	06/01/22	Not Sampled on Current Sample Schedule				
MW - 9	08/23/22	Not Sampled on Current Sample Schedule				
MW - 9	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	03/04/22	0.319	0.00675	0.00349	0.02362	
MW - 10	06/02/22	0.270	0.00800	0.00442	0.0372	
MW - 10	08/24/22	0.246	0.00512	0.00291	0.01875	
MW - 10	10/19/22	0.239	0.00185	0.00170	0.00570	
MW - 11	03/03/22	Not Sampled on Current Sample Schedule				
MW - 11	06/01/22	Not Sampled on Current Sample Schedule				
MW - 11	08/23/22	Not Sampled on Current Sample Schedule				
MW - 11	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	03/04/22	Not Sampled on Current Sample Schedule				
MW - 12	06/01/22	Not Sampled on Current Sample Schedule				
MW - 12	08/23/22	Not Sampled on Current Sample Schedule				
MW - 12	10/19/22	<0.00100	<0.00100	<0.00100	0.00136	
MW - 14	03/03/22	Not Sampled on Current Sample Schedule				
MW - 14	06/01/22	Not Sampled on Current Sample Schedule				
MW - 14	08/23/22	Not Sampled on Current Sample Schedule				
MW - 14	10/19/22	<0.00100	<0.00100	<0.00100	0.00157	
MW - 15	03/03/22	Not Sampled on Current Sample Schedule				
MW - 15	06/01/22	Not Sampled on Current Sample Schedule				
MW - 15	08/23/22	Not Sampled on Current Sample Schedule				
MW - 15	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	03/03/22	Not Sampled on Current Sample Schedule				
MW - 16	06/01/22	Not Sampled on Current Sample Schedule				
MW - 16	08/23/22	Not Sampled on Current Sample Schedule				
MW - 16	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	03/04/22	2.90	0.0106	0.0113	0.2434	
MW - 17	06/02/22	2.79	0.00290	0.00265	0.14195	
MW - 17	08/24/22	2.27	0.00198	0.00135	0.151	
MW - 17	10/19/22	2.52	0.00287	0.00239	0.152	
MW - 18	03/04/22	1.59	0.00298	0.00422	0.107	

TABLE 2
2022 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	06/02/22	1.50	0.00251	0.00531	0.115	
MW - 18	08/24/22	1.58	0.00267	0.00383	0.117	
MW - 18	10/19/22	1.58	0.00263	0.0116	0.114	
MW - 20	03/04/22	Not Sampled on Current Sample Schedule				
MW - 20	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	08/23/22	Not Sampled on Current Sample Schedule				
MW - 20	10/19/22	0.00160	<0.00100	0.00283	<0.00200	
MW - 21	03/04/22	Not Sampled on Current Sample Schedule				
MW - 21	06/01/22	Not Sampled on Current Sample Schedule				
MW - 21	08/23/22	Not Sampled on Current Sample Schedule				
MW - 21	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 22	03/04/22	Not Sampled on Current Sample Schedule				
MW - 22	06/01/22	Not Sampled on Current Sample Schedule				
MW - 22	08/23/22	Not Sampled on Current Sample Schedule				
MW - 22	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	03/04/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	08/24/22	0.00102	<0.00100	<0.00100	<0.00200	
MW - 23	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	03/03/22	8.72	0.0114	0.694	0.3102	
MW - 24	06/01/22	9.26	0.0125	0.823	0.2764	
MW - 24	08/24/22	8.77	0.0102	0.601	0.2591	
MW - 24	10/18/22	2.45	0.0186	0.824	0.3344	
MW - 25	03/04/22	0.409	<0.00100	<0.00100	<0.00200	
MW - 25	06/02/22	1.45	0.00122	<0.00100	<0.00200	
MW - 25	08/24/22	0.0641	<0.00100	<0.00100	<0.00200	
MW - 25	10/19/22	0.0129	<0.00100	<0.00100	<0.00200	
MW - 26	03/04/22	0.676	0.0103	0.0156	0.0441	
MW - 26	06/02/22	0.352	0.00134	<0.00100	<0.00200	
MW - 26	08/24/22	0.308	0.00118	<0.00100	<0.00200	
MW - 26	10/19/22	0.164	<0.00100	<0.00100	<0.00200	
MW - 27	03/04/22	Not Sampled on Current Sample Schedule				

TABLE 2
2022 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 - 27	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	08/23/22	Not Sampled on Current Sample Schedule				
MW - 27	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	03/04/22	Not Sampled on Current Sample Schedule				
MW - 28	06/01/22	Not Sampled on Current Sample Schedule				
MW - 28	08/23/22	Not Sampled on Current Sample Schedule				
MW - 28	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 30	03/04/22	Not Sampled on Current Sample Schedule				
MW - 30	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 30	08/23/22	Not Sampled on Current Sample Schedule				
MW - 30	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 1	03/04/22	0.771	0.0121	0.106	0.1900	
RW - 1	06/02/22	0.343	0.00272	0.0426	0.0718	
RW - 1	08/24/22	0.240	0.00472	0.00203	0.01644	
RW - 1	10/19/22	0.795	0.0110	0.136	0.2268	
RW - 2	03/03/22	0.0372	<0.00100	0.00116	<0.00200	
RW - 2	06/01/22	0.0774	<0.00100	0.00698	0.00699	
RW - 2	08/24/22	0.482	0.00596	0.0985	0.07270	
RW - 2	10/18/22	0.0368	<0.00100	0.0201	0.0109	

TABLE 3

2022 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-1	10/18/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-2	10/18/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	10/18/22	0.00018	0.00020	0.00056	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0013	<0.00011	0.0035	<0.00011	0.102		-		
MW-5	10/19/22	Not Sampled due to the presence of PSH.																			
MW-6	10/18/22	0.00045	0.00050	0.00047	0.00029	<0.00010	<0.00010	<0.00010	<0.00010	0.00029	<0.00010	0.00036	0.0016	<0.00010	0.0020	0.00030	0.163		-		
MW-7	10/19/22	Not Sampled due to the presence of PSH.																			
MW-8	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-9	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-10	10/19/22	0.00022	0.00025	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0019	<0.00010	0.0016	<0.00010	0.01473		-		
MW-11	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	10/19/22	0.00022	0.00040	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0026	<0.00010	0.0021		0.142		-		
MW-18	10/19/22	0.00042	0.00064	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	0.0039	<0.00012	0.0027	<0.00012	0.04849		-		

TABLE 3

2022 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-20	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	10/18/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																		
RW-1	10/19/22	0.00092	0.0018	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.013	<0.00011	0.021	<0.00011	0.214		-	
RW-2	10/18/22	0.00025	0.00029	0.00015	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00077	<0.00010	0.00076	<0.00010	0.0177		-	

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 - 1	01/13/22	3500.17	-	27.29	0.00	3472.88
MW - 1	03/03/22	3500.17	-	27.39	0.00	3472.78
MW - 1	04/28/22	3500.17	-	27.39	0.00	3472.78
MW - 1	06/01/22	3500.17	-	27.85	0.00	3472.32
MW - 1	08/23/22	3500.17	-	28.59	0.00	3471.58
MW - 1	10/18/22	3500.17	-	28.28	0.00	3471.89
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

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	05/22/03	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
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

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	07/01/04	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
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

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	03/10/05	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
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

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	12/07/05	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
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

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	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
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

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	08/18/08	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
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

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	12/16/09	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
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

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	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
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

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	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
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

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	12/02/13	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
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

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	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
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

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	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
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

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	12/05/16	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
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

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	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
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

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	07/27/21	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 - 2	01/13/22	3499.19	-	26.86	0.00	3472.33
MW - 2	03/03/22	3499.19	-	27.00	0.00	3472.19
MW - 2	03/17/22	3499.19	-	26.95	0.00	3472.24
MW - 2	04/28/22	3499.19	-	26.99	0.00	3472.20
MW - 2	06/01/22	3499.19	-	27.47	0.00	3471.72
MW - 2	08/24/22	3499.19	-	28.26	0.00	3470.93
MW - 2	10/18/22	3499.19	-	27.84	0.00	3471.35
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

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	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
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

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	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
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

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	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
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

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	01/30/06	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
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

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	05/15/08	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
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

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	10/07/09	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
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

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	03/01/11	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
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

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	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
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

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	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
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

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	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
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

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	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
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

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	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
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

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	10/23/17	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
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

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	07/28/20	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
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 - 3	01/13/22	3500.05	-	28.50	0.00	3471.55
MW - 3	03/04/22	3500.05	-	28.59	0.00	3471.46
MW - 3	04/28/22	3500.05	-	28.62	0.00	3471.43
MW - 3	06/01/22	3500.05	-	29.08	0.00	3470.97
MW - 3	08/23/22	3500.05	-	29.74	0.00	3470.31
MW - 3	10/17/22	3500.05	-	29.49	0.00	3470.56
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

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	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
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

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	05/05/04	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
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

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	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
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

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	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
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

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	11/20/06	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
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

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	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
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

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	06/12/09	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
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

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	06/12/10	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
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

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	11/08/11	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
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

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	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
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

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	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
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

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	02/05/15	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
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

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	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
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

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	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
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

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	11/21/18	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
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 - 4	01/13/22	3498.38	-	28.02	0.00	3470.36
MW - 4	03/03/22	3498.38	-	28.25	0.00	3470.13

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	04/28/22	3498.38	-	28.30	0.00	3470.08
MW - 4	06/01/22	3498.38	-	28.54	0.00	3469.84
MW - 4	08/24/22	3498.38	-	29.27	0.00	3469.11
MW - 4	10/18/22	3498.38	-	29.01	0.00	3469.37
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
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

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	09/08/03	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
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

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	09/20/04	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
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

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	04/15/05	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
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

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	02/21/06	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
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

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	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
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

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	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
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

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	07/20/09	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
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			

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	08/13/10	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
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

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	05/19/13	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
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

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	05/05/14	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
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

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	03/16/15	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
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

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	10/27/15	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
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

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	08/31/16	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
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

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	09/12/17	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
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

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	03/11/19	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
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 - 5	01/13/22	3500.12	28.03	28.25	0.22	3472.06
MW - 5	03/04/22	3500.12	28.08	28.45	0.37	3471.98
MW - 5	04/28/22	3500.12	28.18	28.55	0.37	3471.88
MW - 5	06/02/22	3500.12	28.60	29.00	0.40	3471.46
MW - 5	08/24/22	3500.12	29.38	30.36	0.98	3470.59
MW - 5	10/18/22	3500.12	29.05	29.55	0.50	3471.00
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

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	06/04/03	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
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

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	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
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

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	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
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

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	03/06/06	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
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

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	01/31/07	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
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

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	06/10/09	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
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

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	06/12/10	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
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

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	12/28/11	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
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

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	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
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

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	03/25/14	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
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

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	01/09/15	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
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

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	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
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

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	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
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

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	03/31/17	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
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

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	03/28/18	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
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

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	02/07/19	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
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

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	06/19/20	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 - 6	01/13/22	3499.82	-	27.08	0.00	3472.74
MW - 6	02/16/22	3499.82	-	27.00	0.00	3472.82
MW - 6	03/03/22	3499.82	-	27.18	0.00	3472.64
MW - 6	03/17/22	3499.82	-	27.14	0.00	3472.68
MW - 6	04/28/22	3499.82	-	27.18	0.00	3472.64
MW - 6	06/01/22	3499.82	-	27.62	0.00	3472.20
MW - 6	08/24/22	3499.82	-	28.43	0.00	3471.39
MW - 6	09/29/22	3499.82	-	27.96	0.00	3471.86
MW - 6	10/18/22	3499.82	-	28.03	0.00	3471.79
MW - 6	12/09/22	3499.82	-	27.65	0.00	3472.17
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
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

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	01/07/03	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
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

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	04/14/04	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
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

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	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
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

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	10/03/05	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
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

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	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
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

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	07/30/07	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
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

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	11/10/08	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
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

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	11/04/09	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
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

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	05/17/11	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
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

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	10/26/12	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
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

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	12/02/13	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
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

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	11/04/14	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
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

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	06/04/15	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
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

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	12/07/15	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
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

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	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
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

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	07/03/17	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
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

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	05/04/18	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
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

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	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
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

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	12/16/19	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
MW - 7	01/14/22	3498.33	27.94	28.70	0.76	3470.28
MW - 7	02/16/22	3498.33	27.77	28.24	0.47	3470.49
MW - 7	03/04/22	3498.33	27.87	28.55	0.68	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 - 7	03/17/22	3498.33	27.84	28.66	0.82	3470.37
MW - 7	04/06/22	3498.33	28.05	29.30	1.25	3470.09
MW - 7	04/28/22	3498.33	27.90	28.64	0.74	3470.32
MW - 7	06/02/22	3498.33	28.31	29.81	1.50	3469.80
MW - 7	06/28/22	3498.33	28.52	30.28	1.76	3469.55
MW - 7	07/18/22	3498.33	28.75	30.30	1.55	3469.35
MW - 7	08/24/22	3498.33	29.07	30.60	1.53	3469.03
MW - 7	08/25/22	3498.33	29.07	30.60	1.53	3469.03
MW - 7	09/29/22	3498.33	28.61	29.85	1.24	3469.53
MW - 7	10/14/22	3498.33	28.61	30.25	1.64	3469.47
MW - 7	10/19/22	3498.33	28.90	29.35	0.45	3469.36
MW - 7	11/01/22	3498.33	28.56	29.79	1.23	3469.59
MW - 7	12/09/22	3498.33	28.30	29.88	1.58	3469.79
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

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	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
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

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	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
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

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	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 - 8	01/13/22	3502.23	-	30.40	0.00	3471.83
MW - 8	03/03/22	3502.23	-	30.46	0.00	3471.77
MW - 8	04/28/22	3502.23	-	30.52	0.00	3471.71
MW - 8	05/31/22	3502.23	-	30.99	0.00	3471.24
MW - 8	08/23/22	3502.23	-	31.67	0.00	3470.56
MW - 8	10/19/22	3502.23	-	31.38	0.00	3470.85
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
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

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	05/25/10	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
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

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	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
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

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	12/01/21	3502.24	-	29.51	0.00	3472.73
MW - 9	01/13/22	3502.24	-	29.46	0.00	3472.78
MW - 9	03/03/22	3502.24	-	29.51	0.00	3472.73
MW - 9	04/28/22	3502.24	-	29.58	0.00	3472.66
MW - 9	05/31/22	3502.24	-	30.00	0.00	3472.24
MW - 9	08/23/22	3502.24	-	30.73	0.00	3471.51
MW - 9	10/19/22	3502.24	-	30.39	0.00	3471.85
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
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

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	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
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

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	02/22/05	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
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

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	12/05/05	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
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

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	06/11/07	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
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

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	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
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

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	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
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

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	03/22/11	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
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

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	07/18/12	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
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

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	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
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

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	08/27/14	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
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

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	05/14/15	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
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

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	01/29/16	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
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

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	12/05/16	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
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

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	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
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

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	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
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

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	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
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 - 10	01/13/22	3499.42	-	27.90	0.00	3471.52
MW - 10	02/16/22	3499.42	-	27.87	0.00	3471.55
MW - 10	03/04/22	3499.42	-	27.84	0.00	3471.58
MW - 10	03/17/22	3499.42	-	27.95	0.00	3471.47
MW - 10	04/28/22	3499.42	-	28.05	0.00	3471.37
MW - 10	06/02/22	3499.42	-	28.52	0.00	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 - 10	06/28/22	3499.42	-	28.75	0.00	3470.67
MW - 10	08/24/22	3499.42	-	29.12	0.00	3470.30
MW - 10	09/29/22	3499.42	-	28.78	0.00	3470.64
MW - 10	10/17/22	3499.42	-	28.78	0.00	3470.64
MW - 10	12/09/22	3499.42	-	28.40	0.00	3471.02
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
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

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	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
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

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	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
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 - 11	01/13/22	3498.18	-	27.28	0.00	3470.90
MW - 11	03/03/22	3498.18	-	27.35	0.00	3470.83
MW - 11	04/28/22	3498.18	-	27.45	0.00	3470.73

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 - 11	05/31/22	3498.18	-	27.82	0.00	3470.36
MW - 11	08/23/22	3498.18	-	28.48	0.00	3469.70
MW - 11	10/19/22	3498.18	-	28.19	0.00	3469.99
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 - 12	01/13/22	3499.66	-	28.53	0.00	3471.13
MW - 12	03/03/22	3499.66	-	28.63	0.00	3471.03
MW - 12	04/28/22	3499.66	-	28.62	0.00	3471.04
MW - 12	05/31/22	3499.66	-	29.08	0.00	3470.58
MW - 12	08/23/22	3499.66	-	29.70	0.00	3469.96

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	10/19/22	3499.66	-	29.45	0.00	3470.21
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
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

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	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
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

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	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
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

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	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
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 - 14	01/13/22	3498.54	-	27.83	0.00	3470.71
MW - 14	03/03/22	3498.54	-	27.90	0.00	3470.64
MW - 14	04/28/22	3498.54	-	27.96	0.00	3470.58
MW - 14	05/31/22	3498.54	-	28.36	0.00	3470.18
MW - 14	08/23/22	3498.54	-	29.03	0.00	3469.51
MW - 14	10/19/22	3498.54	-	28.71	0.00	3469.83
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

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	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
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

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	04/19/17	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
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

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	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 - 15	01/13/22	3500.65	-	30.09	0.00	3470.56
MW - 15	03/03/22	3500.65	-	30.15	0.00	3470.50
MW - 15	04/28/22	3500.65	-	30.23	0.00	3470.42
MW - 15	05/31/22	3500.65	-	30.68	0.00	3469.97
MW - 15	08/23/22	3500.65	-	31.31	0.00	3469.34
MW - 15	10/19/22	3500.65	-	31.00	0.00	3469.65
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
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

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	05/17/11	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
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

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	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
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 - 16	01/13/22	3501.45	-	31.47	0.00	3469.98
MW - 16	03/03/22	3501.45	-	31.55	0.00	3469.90
MW - 16	04/28/22	3501.45	-	31.60	0.00	3469.85
MW - 16	05/31/22	3501.45	-	32.04	0.00	3469.41
MW - 16	08/23/22	3501.45	-	32.66	0.00	3468.79
MW - 16	10/19/22	3501.45	-	32.40	0.00	3469.05
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

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	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
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

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	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
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

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	11/03/10	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
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

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	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
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

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	08/15/13	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
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

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	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
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

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	06/09/15	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
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

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	08/15/16	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
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

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	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
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

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	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
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 - 17	01/13/22	3497.25	-	29.02	0.00	3468.23
MW - 17	03/04/22	3497.25	-	29.12	0.00	3468.13
MW - 17	04/28/22	3497.25	-	29.15	0.00	3468.10
MW - 17	06/02/22	3497.25	-	29.48	0.00	3467.77
MW - 17	08/24/22	3497.25	-	30.19	0.00	3467.06
MW - 17	10/19/22	3497.25	-	30.19	0.00	3467.06
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

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	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
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

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	08/31/09	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
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

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	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
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

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	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
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

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	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
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

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	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
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

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	09/02/15	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
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

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	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
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

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	04/05/18	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
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

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	10/30/20	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 - 18	01/13/22	3497.25	-	28.22	0.00	3469.03
MW - 18	03/04/22	3497.25	-	28.30	0.00	3468.95
MW - 18	04/28/22	3497.25	-	28.32	0.00	3468.93
MW - 18	06/02/22	3497.25	-	28.66	0.00	3468.59
MW - 18	08/24/22	3497.25	-	27.39	0.00	3469.86
MW - 18	10/17/22	3497.25	-	29.04	0.00	3468.21
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				
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

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	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
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

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	04/14/14	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
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

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	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
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

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	04/19/16	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
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

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	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
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

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	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
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 - 20	01/13/22	3496.59	-	26.39	0.00	3470.20

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 - 20	03/03/22	3496.59	-	26.50	0.00	3470.09
MW - 20	04/28/22	3496.59	-	26.57	0.00	3470.02
MW - 20	06/02/22	3496.59	-	26.91	0.00	3469.68
MW - 20	08/23/22	3496.59	-	27.60	0.00	3468.99
MW - 20	10/19/22	3496.59	-	27.19	0.00	3469.40
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
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

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	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
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

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	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
MW - 21	01/13/22	3503.03	-	35.51	0.00	3467.52
MW - 21	03/03/22	3503.03	-	35.58	0.00	3467.45
MW - 21	04/28/22	3503.03	-	35.62	0.00	3467.41
MW - 21	05/31/22	3503.03	-	35.97	0.00	3467.06

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 - 21	08/23/22	3503.03	-	36.68	0.00	3466.35
MW - 21	10/19/22	3503.03	-	36.48	0.00	3466.55
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

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	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
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

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	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
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 - 22	01/13/22	3500.05	-	33.09	0.00	3466.96
MW - 22	03/03/22	3500.05	-	33.15	0.00	3466.90
MW - 22	04/28/22	3500.05	-	33.20	0.00	3466.85
MW - 22	05/31/22	3500.05	-	33.55	0.00	3466.50
MW - 22	08/23/22	3500.05	-	34.27	0.00	3465.78
MW - 22	10/19/22	3500.05	-	34.04	0.00	3466.01

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 - 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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	07/14/09	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
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

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	05/17/11	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
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

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	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
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

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	01/09/15	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
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

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	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
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

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	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
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

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	07/16/18	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
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 - 23	01/13/22	3498.88	-	32.49	0.00	3466.39
MW - 23	03/04/22	3498.88	-	32.54	0.00	3466.34
MW - 23	04/28/22	3498.88	-	32.60	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 - 23	06/02/22	3498.88	-	32.96	0.00	3465.92
MW - 23	08/24/22	3498.88	-	33.66	0.00	3465.22
MW - 23	10/19/22	3498.88	-	33.41	0.00	3465.47
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
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

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	06/12/09	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
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

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	03/01/11	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
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

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	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
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

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	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
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

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	08/13/14	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
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

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	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
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

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	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
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

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	12/04/17	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
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

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	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
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 - 24	01/13/22	3498.79	-	30.22	0.00	3468.57
MW - 24	03/03/22	3498.79	-	30.32	0.00	3468.47
MW - 24	04/28/22	3498.79	-	30.35	0.00	3468.44
MW - 24	06/01/22	3498.79	-	30.72	0.00	3468.07
MW - 24	08/24/22	3498.79	-	31.44	0.00	3467.35
MW - 24	10/18/22	3498.79	-	31.15	0.00	3467.64
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

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	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
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

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	10/26/09	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
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

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	08/11/11	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
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

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	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
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

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	04/03/15	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
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

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	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
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

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	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
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

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	04/18/19	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
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 - 25	01/13/22	3498.08	-	31.56	0.00	3466.52
MW - 25	03/04/22	3498.08	-	31.62	0.00	3466.46
MW - 25	04/28/22	3498.08	-	31.67	0.00	3466.41
MW - 25	06/02/22	3498.08	-	32.08	0.00	3466.00
MW - 25	08/24/22	3498.08	-	32.76	0.00	3465.32
MW - 25	10/17/22	3498.08	-	32.47	0.00	3465.61
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	11/25/03	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
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

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	11/12/09	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
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

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	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
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

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	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
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

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	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
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 - 26	01/13/22	3499.18	-	30.96	0.00	3468.22
MW - 26	03/04/22	3499.18	-	31.00	0.00	3468.18
MW - 26	04/28/22	3499.18	-	31.04	0.00	3468.14
MW - 26	06/02/22	3499.18	-	31.42	0.00	3467.76
MW - 26	08/24/22	3499.18	-	32.11	0.00	3467.07

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 - 26	10/17/22	3499.18	-	31.79	0.00	3467.39
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
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

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	05/23/12	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
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

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	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
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 - 27	01/13/22	3498.03	-	32.10	0.00	3465.93
MW - 27	03/03/22	3498.03	-	32.15	0.00	3465.88
MW - 27	04/28/22	3498.03	-	32.20	0.00	3465.83
MW - 27	06/02/22	3498.03	-	32.58	0.00	3465.45
MW - 27	08/23/22	3498.03	-	33.28	0.00	3464.75
MW - 27	10/19/22	3498.03	-	33.00	0.00	3465.03
MW - 28	06/07/02	3498.69	-	32.19	0.00	3466.50

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 - 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
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

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	11/19/12	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
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

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	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 - 28	01/13/22	3498.69	-	32.29	0.00	3466.40
MW - 28	03/03/22	3498.69	-	32.36	0.00	3466.33
MW - 28	04/28/22	3498.69	-	32.40	0.00	3466.29
MW - 28	05/31/22	3498.69	-	32.77	0.00	3465.92
MW - 28	08/23/22	3498.69	-	33.46	0.00	3465.23
MW - 28	10/19/22	3498.69	-	33.24	0.00	3465.45
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

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	02/25/03	3500.79	-	33.33	0.00	3467.46
MW - 29	05/22/03	3500.79	-	33.49	0.00	3467.30
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

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	08/11/09	3498.65	-	30.30	0.00	3468.35
MW - 30	11/23/09	3498.65	-	30.68	0.00	3467.97
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

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	01/24/17	3498.65	-	29.49	0.00	3469.16
MW - 30	02/28/17	3498.65	-	29.52	0.00	3469.13
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

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	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
MW - 30	01/13/22	3498.65	-	31.37	0.00	3467.28
MW - 30	03/03/22	3498.65	-	31.45	0.00	3467.20
MW - 30	04/28/22	3498.65	-	31.48	0.00	3467.17
MW - 30	06/02/22	3498.65	-	31.86	0.00	3466.79
MW - 30	08/23/22	3498.65	-	32.55	0.00	3466.10
MW - 30	10/19/22	3498.65	-	32.32	0.00	3466.33
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

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	11/25/03	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
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

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	01/14/05	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
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

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	09/09/05	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
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

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	07/10/06	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
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

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	09/18/07	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
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

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	07/02/09	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
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

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	07/07/10	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
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

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	01/27/12	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
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

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	05/23/13	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
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

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	04/23/14	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
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

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	03/10/15	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
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

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	05/04/16	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
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

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	04/13/17	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
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

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	03/05/19	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
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 - 1	01/13/22	3498.89	-	26.52	0.00	3472.37
RW - 1	03/04/22	3498.89	-	26.58	0.00	3472.31
RW - 1	03/17/22	3498.89	-	26.60	0.00	3472.29
RW - 1	04/28/22	3498.89	-	26.62	0.00	3472.27
RW - 1	06/02/22	3498.89	-	27.12	0.00	3471.77
RW - 1	08/24/22	3498.89	-	27.92	0.00	3470.97
RW - 1	10/17/22	3498.89	-	27.59	0.00	3471.30
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

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	03/11/03	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
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

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	07/08/04	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
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

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	03/11/05	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
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

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	01/03/06	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
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

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	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
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

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	08/18/08	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
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

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	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
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

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	01/18/11	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
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

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	06/20/12	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
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

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	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
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

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	08/27/14	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
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

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	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
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

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	01/29/16	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
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

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	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
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

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	10/23/17	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
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

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	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
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

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	07/09/19	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
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

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	07/27/21	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
RW - 2	01/14/22	3498.99	-	27.51	0.00	3471.48
RW - 2	02/16/22	3498.99	-	27.22	0.00	3471.77
RW - 2	03/03/22	3498.99	-	27.40	0.00	3471.59
RW - 2	03/17/22	3498.99	27.38	27.40	0.02	3471.61
RW - 2	04/06/22	3498.99	-	27.55	0.00	3471.44
RW - 2	04/28/22	3498.99	-	27.45	0.00	3471.54
RW - 2	06/01/22	3498.99	27.92	28.15	0.23	3471.04
RW - 2	06/28/22	3498.99	28.11	28.31	0.20	3470.85
RW - 2	08/24/22	3498.99	28.60	28.90	0.30	3470.35
RW - 2	08/25/22	3498.99	28.60	28.90	0.30	3470.35
RW - 2	09/29/22	3498.99	-	28.12	0.00	3470.87
RW - 2	10/14/22	3498.99	-	28.19	0.00	3470.80
RW - 2	10/18/22	3498.99	-	28.27	0.00	3470.72
RW - 2	12/09/22	3498.99	27.82	27.85	0.03	3471.17

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 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 - 1	08/24/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	11/30/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	03/03/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	05/16/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	09/01/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	11/21/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	03/05/01	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	05/17/01	<0.005	<0.005	<0.005	<0.005		
MW - 1	08/27/01	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	10/24/01	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	03/27/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	05/14/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 1	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 1	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 1	12/01/04	<0.001	<0.001	<0.001	<0.001		
MW - 1	03/10/05	Not Sampled on Current Sample Schedule					
MW - 1	06/11/05	Not Sampled on Current Sample Schedule					
MW - 1	09/09/05	Not Sampled on Current Sample Schedule					
MW - 1	12/05/05	<0.001	<0.001	<0.001	<0.001		
MW - 1	03/09/06	Not Sampled on Current Sample Schedule					
MW - 1	06/08/06	Not Sampled on Current Sample Schedule					
MW - 1	09/13/06	Not Sampled on Current Sample Schedule					
MW - 1	11/29/06	<0.001	<0.001	<0.001	0.0017		
MW - 1	02/26/07	Not Sampled on Current Sample Schedule					
MW - 1	05/21/07	Not Sampled on Current Sample Schedule					
MW - 1	08/16/07	Not Sampled on Current Sample Schedule					
MW - 1	11/07/07	<0.001	<0.001	<0.001	<0.001		
MW - 1	02/12/08	Not Sampled on Current Sample Schedule					
MW - 1	05/15/08	Not Sampled on Current Sample Schedule					
MW - 1	08/19/08	Not Sampled on Current Sample Schedule					
MW - 1	11/13/08	<0.001	<0.001	<0.001	<0.001		
MW - 1	02/11/09	Not Sampled on Current Sample Schedule					
MW - 1	05/13/09	Not Sampled on Current Sample Schedule					
MW - 1	08/11/09	Not Sampled on Current Sample Schedule					
MW - 1	11/23/09	<0.001	<0.001	<0.001	<0.001		

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 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 - 1	02/10/10	Not Sampled on Current Sample Schedule				
MW - 1	05/25/10	Not Sampled on Current Sample Schedule				
MW - 1	08/12/10	Not Sampled on Current Sample Schedule				
MW - 1	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/22/11	Not Sampled on Current Sample Schedule				
MW - 1	05/17/11	Not Sampled on Current Sample Schedule				
MW - 1	08/11/11	Not Sampled on Current Sample Schedule				
MW - 1	11/09/11	<0.001	<0.001	<0.001	<0.001	
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	

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 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 - 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 - 1	03/03/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1	06/01/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1	08/24/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1	10/18/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	08/24/99	0.9800	0.5920	0.6760	0.4230	0.0830
MW - 2	11/30/99	0.7210	0.3640	0.3940	0.2830	0.0840
MW - 2	03/03/00	0.6940	0.2600	0.4070	0.1970	0.0380
MW - 2	05/22/03	0.0510	0.0020	0.0490	0.0050	0.0010
MW - 2	11/25/03	0.0690	<0.001	0.0630	0.0030	<0.001
MW - 2	02/10/04	0.0860	<0.001	0.1000	0.0070	0.0020
MW - 2	05/10/04	0.6360	0.1140	0.1330	0.0292	0.0186
MW - 2	08/25/04	1.8800	0.4280	0.6530	0.1130	0.0957
MW - 2	12/02/04	1.5200	0.0311	0.2560	<0.200	
MW - 2	03/10/05	1.1600	<0.5	0.6040	<0.5	
MW - 2	06/11/05	Not Sampled Due to PSH in Well				
MW - 2	09/09/05	Not Sampled Due to PSH in Well				
MW - 2	12/05/05	Not Sampled Due to PSH in Well				
MW - 2	03/09/06	Not Sampled Due to PSH in Well				
MW - 2	06/08/06	Not Sampled Due to PSH in Well				
MW - 2	09/13/06	Not Sampled Due to PSH in Well				
MW - 2	11/29/06	0.8130	0.0184	0.5630	0.1870	
MW - 2	02/26/07	0.9940	<0.01	0.7560	0.1380	
MW - 2	05/21/07	0.7620	<0.01	0.3570	0.0726	
MW - 2	08/16/07	1.1800	<0.01	0.8120	0.1460	
MW - 2	11/07/07	0.6440	<0.01	0.5620	0.1440	
MW - 2	02/12/08	0.8620	0.0053	0.6620	0.1780	
MW - 2	05/15/08	0.7870	<0.01	0.6740	0.1600	
MW - 2	08/19/08	0.9840	<0.005	0.5830	0.1570	
MW - 2	11/13/08	0.8760	<0.005	0.5040	0.1560	
MW - 2	02/11/09	0.3810	<0.005	0.2370	0.0717	
MW - 2	05/13/09	0.0576	<0.005	0.2390	0.1250	

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 2	08/11/09	0.5770	<0.005	0.3310	0.1450	
MW - 2	11/23/09	0.9230	<0.005	0.3440	0.0941	
MW - 2	02/10/10	0.1760	<0.005	0.1460	0.0607	
MW - 2	05/25/10	0.7690	<0.005	0.2970	0.1200	
MW - 2	08/12/10	0.0761	0.0047	0.0758	0.0628	
MW - 2	11/17/10	0.3690	<0.001	0.2180	0.0974	
MW - 2	02/22/11	0.5560	0.0834	0.1760	0.1700	
MW - 2	05/17/11	0.7770	<0.005	0.2730	0.2170	
MW - 2	08/11/11	0.6240	<0.005	0.1800	0.1530	
MW - 2	11/09/11	0.2830	<0.005	0.1260	0.0866	
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	
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	

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 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 - 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 - 2	03/03/22	0.0416	<0.00100	<0.00100	<0.00200	
MW - 2	06/01/22	0.0694	<0.00100	<0.00100	0.00201	
MW - 2	08/24/22	0.0133	<0.00100	<0.00100	<0.00200	
MW - 2	10/18/22	0.0179	<0.00100	<0.00100	<0.00200	
MW - 3	08/24/99	0.5360	0.0080	0.2670	0.0590	0.0050
MW - 3	11/30/99	0.5820	0.0090	0.3210	0.0670	<0.001
MW - 3	03/03/00	0.3090	0.0030	0.2010	0.0350	<0.001
MW - 3	05/16/00	0.4100	0.0060	0.2380	0.0410	<0.001
MW - 3	09/01/00	0.4020	0.0030	0.2480	0.0400	<0.001
MW - 3	11/21/00	0.5740	0.0020	0.3520	0.0690	<0.001
MW - 3	03/05/01	0.5600	0.0020	0.2900	0.0460	<0.001
MW - 3	05/17/01	0.5570	<0.020	0.2830	0.0540	
MW - 3	08/27/01	0.1800	<0.001	0.1000	0.0110	<0.001
MW - 3	10/24/01	0.1620	<0.001	0.1310	0.0320	<0.001
MW - 3	03/27/02	0.2780	0.0040	0.1280	0.0250	<0.001
MW - 3	05/14/02	0.5740	0.0065	0.3050	0.0670	0.0020
MW - 3	09/27/02	0.9650	<0.001	0.3620	0.0720	<0.001
MW - 3	12/05/02	0.6720	0.0010	0.4510	0.0940	0.0010
MW - 3	05/22/03	0.9730	0.1080	0.3650	0.3860	0.1010
MW - 3	11/25/03	0.5350	<0.001	0.0930	0.0380	<0.001
MW - 3	02/10/04	0.4100	<0.001	0.0830	0.0430	<0.001
MW - 3	05/10/04	0.3010	0.0035	0.0864	0.0369	0.0049
MW - 3	08/25/04	0.5060	0.0059	0.0559	0.0426	0.0061
MW - 3	12/02/04	0.4360	<0.100	<0.100	<0.100	
MW - 3	03/10/05	0.4630	<0.01	0.0227	0.0338	
MW - 3	06/11/05	0.5860	<0.005	0.0886	0.0957	
MW - 3	09/09/05	Not Sampled Due to PSH in Well				
MW - 3	12/05/05	0.4230	<0.01	0.0451	0.0324	
MW - 3	03/09/06	0.9530	<0.1	0.1540	<0.1	

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 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 - 3	06/08/06	0.8760	<0.05	<0.05	0.0561	
MW - 3	09/13/06	0.8210	<0.02	0.0383	0.0427	
MW - 3	11/29/06	0.5680	<0.005	0.0365	0.0816	
MW - 3	02/26/07	0.9720	<0.01	0.0920	0.0811	
MW - 3	05/21/07	0.7250	<0.001	0.0408	0.0421	
MW - 3	08/16/07	1.0400	<0.01	<0.01	<0.01	
MW - 3	11/07/07	1.7200	<0.01	0.2020	0.1210	
MW - 3	02/12/08	1.1000	<0.01	0.1950	0.0825	
MW - 3	05/15/08	1.6000	<0.01	0.3120	0.1280	
MW - 3	08/19/08	1.8500	<0.01	0.3770	0.1380	
MW - 3	11/13/08	1.1900	<0.01	0.2880	0.1380	
MW - 3	02/11/09	1.5000	<0.01	0.3220	0.1500	
MW - 3	05/13/09	0.3720	<0.01	0.0888	0.1370	
MW - 3	08/11/09	0.6040	<0.01	0.0967	0.1250	
MW - 3	11/23/09	1.4700	<0.01	0.2320	0.1110	
MW - 3	02/10/10	1.3900	<0.01	0.1870	0.1480	
MW - 3	05/25/10	1.3400	<0.01	0.1380	0.1270	
MW - 3	08/12/10	0.8640	<0.100	<0.100	<0.100	
MW - 3	11/17/10	1.3800	<0.100	<0.100	<0.100	
MW - 3	02/22/11	1.8700	0.7510	0.8210	3.7100	
MW - 3	05/17/11	1.9800	<0.100	<0.100	<0.100	
MW - 3	08/11/11	0.4670	<0.100	<0.100	<0.100	
MW - 3	11/09/11	0.5840	<0.100	<0.100	<0.100	
MW - 3	03/01/12	1.3400	<0.100	<0.100	<0.100	
MW - 3	05/23/12	0.9040	<0.050	0.0777	0.0653	
MW - 3	08/09/12	0.0054	<0.001	<0.001	0.0016	
MW - 3	11/20/12	0.494	<0.005	0.0405	0.0382	
MW - 3	02/12/13	0.568	<0.00500	0.0421	0.0548	
MW - 3	05/15/13	0.490	<0.0500	<0.0500	<0.0500	
MW - 3	08/07/13	0.771	<0.00500	0.0425	0.0620	
MW - 3	11/26/13	0.355	<0.0500	<0.0500	0.1610	
MW - 3	02/10/14	0.890	<0.0500	<0.0500	<0.150	
MW - 3	05/22/14	0.396	<0.00100	0.00310	0.0101	
MW - 3	08/13/14	0.603	<0.0500	<0.0500	<0.0500	
MW - 3	11/05/14	0.753	<0.0500	<0.0500	<0.0500	
MW - 3	02/17/15	0.649	<0.0500	<0.0500	<0.0500	
MW - 3	05/14/15	0.602	<0.0500	<0.0500	<0.0500	
MW - 3	08/04/15	0.469	<0.0500	<0.0500	<0.0500	
MW - 3	11/17/15	0.428	<0.0500	<0.0500	<0.0500	
MW - 3	02/10/16	0.614	<0.0500	<0.0500	<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 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 - 3	05/25/16	0.519	<0.0500	<0.0500	<0.0500	
MW - 3	08/19/16	0.436	<0.0500	<0.0500	<0.0500	
MW - 3	11/22/16	0.368	<0.0100	<0.0100	<0.0100	
MW - 3	02/28/17	0.427	<0.0750	<0.100	0.124	
MW - 3	05/18/17	0.266	<0.00200	<0.00200	0.00415	
MW - 3	08/15/17	0.140	<0.00200	<0.00200	<0.00400	
MW - 3	11/16/17	0.379	<0.00100	0.00212	0.00785	
MW - 3	02/20/18	0.387	<0.00200	0.00273	0.00595	
MW - 3	05/16/18	0.246	<0.00200	<0.00200	<0.00400	
MW - 3	08/14/18	0.249	<0.0100	<0.00500	<0.0200	
MW - 3	11/29/18	0.269	<0.0100	<0.00500	<0.0200	
MW - 3	03/05/19	0.230	0.00103	0.00282	<0.00200	
MW - 3	05/14/19	0.526	<0.00500	<0.00500	<0.0100	
MW - 3	09/11/19	0.293	<0.00100	<0.00100	<0.00200	
MW - 3	12/04/19	0.285	<0.00100	0.00364	0.00299	
MW - 3	02/13/20	0.240	0.00194	0.00169	0.00782	
MW - 3	06/25/20	0.179	0.00351	0.00218	0.0118	
MW - 3	08/19/20	0.250	0.00277	<0.00100	0.00326	
MW - 3	11/11/20	0.333	0.00417	0.00359	0.00815	
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 - 3	03/04/22	0.254	0.00220	0.00246	0.00235	
MW - 3	06/02/22	0.211	0.00142	0.00220	<0.00200	
MW - 3	08/24/22	0.121	0.00109	<0.00100	<0.00200	
MW - 3	10/19/22	0.0246	<0.00100	<0.00100	<0.00200	
MW - 4	03/10/05	Not Sampled Due to PSH in Well				
MW - 4	06/11/05	Not Sampled Due to PSH in Well				
MW - 4	09/09/05	Not Sampled Due to PSH in Well				
MW - 4	12/05/05	Not Sampled Due to PSH in Well				
MW - 4	03/09/06	Not Sampled Due to PSH in Well				
MW - 4	06/08/06	Not Sampled Due to PSH in Well				
MW - 4	09/13/06	Not Sampled Due to PSH in Well				
MW - 4	11/29/06	Not Sampled Due to PSH in Well				
MW - 4	02/26/07	Not Sampled Due to PSH in Well				
MW - 4	05/21/07	Not Sampled Due to PSH in Well				
MW - 4	08/16/07	5.1900	<0.02	1.5200	0.4100	
MW - 4	11/07/07	6.0600	0.2620	1.7600	0.7680	

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 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 - 4	02/12/08	2.2400	<0.0500	0.1620	0.2850	
MW - 4	05/15/08	4.3000	<0.02	1.5200	0.5490	
MW - 4	08/19/08	1.5600	0.0209	0.2580	0.2080	
MW - 4	11/13/08	1.0900	<0.0500	<0.0500	0.3510	
MW - 4	02/11/09	2.4600	<0.0500	0.6520	0.4140	
MW - 4	05/13/09	1.1000	<0.02	0.2860	0.3520	
MW - 4	08/11/09	1.4300	<0.02	0.2980	0.4310	
MW - 4	11/23/09	2.1300	<0.02	0.3290	0.1890	
MW - 4	02/10/10	1.2100	<0.02	0.1570	0.2140	
MW - 4	05/25/10	1.6800	<0.02	0.1770	0.3150	
MW - 4	08/13/10	2.0400	<0.100	0.3110	0.3140	
MW - 4	11/17/10	2.8000	<0.100	0.6970	<0.100	
MW - 4	02/22/11	2.4900	<0.100	<0.100	2.1500	
MW - 4	05/17/11	2.4300	<0.100	<0.100	<0.100	
MW - 4	08/11/11	1.9800	<0.100	<0.100	1.0200	
MW - 4	11/09/11	1.0700	<0.100	<0.100	<0.100	
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	
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	

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 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 - 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 - 4	03/03/22	3.34	0.0102	0.0174	0.0787	
MW - 4	06/01/22	3.45	0.0113	0.0203	0.0913	
MW - 4	08/24/22	2.51	0.00306	0.00499	0.0481	
MW - 4	10/18/22	3.36	<0.0100	0.0205	0.0933	
MW - 5	03/10/05	Not Sampled Due to PSH in Well				
MW - 5	06/11/05	Not Sampled Due to PSH in Well				
MW - 5	09/09/05	Not Sampled Due to PSH in Well				
MW - 5	12/05/05	Not Sampled Due to PSH in Well				
MW - 5	03/09/06	Not Sampled Due to PSH in Well				
MW - 5	06/08/06	Not Sampled Due to PSH in Well				
MW - 5	09/13/06	Not Sampled Due to PSH in Well				
MW - 5	11/29/06	Not Sampled Due to PSH in Well				
MW - 5	02/26/07	Not Sampled Due to PSH in Well				
MW - 5	05/21/07	Not Sampled Due to PSH in Well				
MW - 5	08/16/07	Not Sampled Due to PSH in Well				
MW - 5	11/07/07	1.0900	0.0392	0.4780	0.4050	
MW - 5	02/12/08	1.2800	0.0302	0.5870	0.4710	
MW - 5	05/15/08	1.4600	0.0263	0.6740	0.5740	
MW - 5	08/19/08	1.1400	0.0225	0.4550	0.2950	
MW - 5	11/13/08	1.3600	0.0267	0.5160	0.4090	
MW - 5	02/11/09	1.3300	0.0260	0.6100	0.4130	
MW - 5	05/13/09	1.1700	0.0497	0.5520	0.4500	
MW - 5	08/11/09	1.5700	0.0475	0.6230	0.5090	

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 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 - 5	11/23/09	1.1800	0.0091	0.4790	0.3200	
MW - 5	02/10/10	0.9970	<0.005	0.4380	0.2200	
MW - 5	05/25/10	Well Dry - Did Not Sample				
MW - 5	08/12/10	Well Dry - Did Not Sample				
MW - 5	11/17/10	Well Obstructed - Did Not Sample				
MW - 5	02/22/11	Well Obstructed - Did Not Sample				
MW - 5	05/17/11	Well Obstructed - Did Not Sample				
MW - 5	08/11/11	Well Obstructed - Did Not Sample				
MW - 5	11/09/11	1.2900	<0.005	0.5670	0.2580	
MW - 5	03/01/12	1.0900	<0.005	0.4740	0.2680	
MW - 5	05/23/12	1.2100	<0.050	0.5130	0.2380	
MW - 5	08/09/12	Well Bent - Did Not Sample				
MW - 5	11/20/12	0.909	<0.005	0.589	0.2300	
MW - 5	02/12/13	0.963	<0.00500	0.566	0.4750	
MW - 5	05/15/13	1.01	<0.0500	0.407	0.166	
MW - 5	08/07/13	1.14	<0.0500	0.450	0.164	
MW - 5	11/26/13	1.00	<0.0500	0.407	0.148	
MW - 5	02/10/14	1.29	<0.0500	0.452	<0.150	
MW - 5	05/22/14	Not Sampled Due to PSH in Well				
MW - 5	08/13/14	Not Sampled Due to PSH in Well				
MW - 5	11/05/14	0.496	<0.0500	0.225	0.0805	
MW - 5	02/17/15	0.321	<0.0500	0.164	0.110	
MW - 5	05/14/15	Not Sampled Due to PSH in Well				
MW - 5	08/04/15	0.934	<0.0500	0.321	0.141	
MW - 5	11/17/15	0.880	<0.0500	0.342	0.170	
MW - 5	02/10/16	0.350	<0.0500	0.200	0.169	
MW - 5	05/25/16	Not Sampled Due to PSH in Well				
MW - 5	08/19/16	0.970	<0.0500	0.326	0.0992	
MW - 5	11/22/16	0.310	<0.00200	0.217	0.168	
MW - 5	02/28/17	0.951	<0.0375	0.368	0.171	
MW - 5	05/18/17	0.195	<0.00200	<0.00200	<0.00400	
MW - 5	08/15/17	1.70	0.0240	0.509	0.2643	
MW - 5	11/16/17	1.43	0.156	0.967	0.796	
MW - 5	11/16/17	0.329	0.00365	0.178	0.09388	
MW - 5	02/20/18	0.716	0.0208	0.186	0.1369	
MW - 5	05/16/18	0.0336	<0.00200	0.00942	0.00430	
MW - 5	08/14/18	0.845	<0.0100	0.157	0.1277	
MW - 5	11/29/18	0.782	<0.0100	0.213	0.1326	
MW - 5	03/05/19	0.0994	<0.00100	0.0462	0.03921	
MW - 5	05/14/19	0.447	<0.00500	0.170	0.1412	

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PLAINS MARKETING, L.P.
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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 - 5	09/11/19	0.289	<0.00100	0.203	0.15371	
MW - 5	12/04/19	1.63	0.00204	0.118	0.1744	
MW - 5	02/13/20	1.26	0.0134	0.155	0.2379	
MW - 5	06/25/20	0.0880	0.0547	0.0720	0.11973	
MW - 5	08/19/20	1.10	0.0149	0.269	0.2456	
MW - 5	11/11/20	Not Sampled Due to PSH in Well				
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 - 5	03/04/22	Not Sampled Due to PSH in Well				
MW - 5	06/01/22	Not Sampled Due to PSH in Well				
MW - 5	08/24/22	Not Sampled Due to PSH in Well				
MW - 5	10/18/22	Not Sampled Due to PSH in Well				
MW - 6	12/05/02	0.8960	0.0800	0.8690	0.1940	0.0050
MW - 6	05/22/03	0.7560	0.0710	0.7550	0.1740	0.0050
MW - 6	11/25/03	0.4510	0.0010	0.6260	0.0670	0.0010
MW - 6	02/10/04	0.3390	<0.001	0.5830	0.0520	<0.001
MW - 6	05/10/04	1.5700	0.2240	1.0600	0.3160	0.0172
MW - 6	12/02/04	0.0082	0.0021	0.0032	0.0021	
MW - 6	03/10/05	1.1900	<0.05	0.7490	0.1890	
MW - 6	06/11/05	0.8840	0.0569	2.2200	1.2600	
MW - 6	09/09/05	0.7770	<0.1	1.2100	0.5310	
MW - 6	12/05/05	1.0600	<0.05	0.7990	0.2020	
MW - 6	03/09/06	0.8890	<0.1	0.8690	0.2060	
MW - 6	06/08/06	Not Sampled Due to PSH in Well				
MW - 6	09/15/06	1.1000	<0.02	1.0900	0.2720	
MW - 6	11/29/06	0.6740	<0.005	0.7070	0.3100	
MW - 6	02/26/07	0.7870	<0.01	1.0600	0.2580	
MW - 6	05/21/07	0.6690	<0.01	0.4930	0.1290	
MW - 6	08/16/07	0.7400	<0.01	0.7910	0.1730	
MW - 6	11/07/07	1.1300	<0.01	1.0600	0.2880	
MW - 6	02/12/08	0.7030	<0.01	0.4930	0.1500	
MW - 6	05/15/08	0.5120	<0.0100	0.4660	0.1320	
MW - 6	08/18/08	0.5680	0.0079	0.4050	0.1600	
MW - 6	11/13/08	0.7160	<0.0100	0.4240	0.1370	
MW - 6	02/11/09	0.5550	<0.0100	0.4400	0.1250	
MW - 6	05/13/09	0.4360	<0.0100	0.3320	0.2330	
MW - 6	08/11/09	0.4400	<0.0100	0.2060	0.1670	

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 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 - 6	11/23/09	0.4100	<0.0100	0.0734	0.0557	
MW - 6	02/10/10	0.2060	<0.0100	0.1460	0.0833	
MW - 6	05/25/10	1.2800	0.9420	1.3100	2.8700	
MW - 6	08/12/10	0.0469	0.0038	0.1000	0.0706	
MW - 6	11/17/10	0.2360	<0.001	0.0766	0.0516	
MW - 6	02/22/11	0.2210	<0.001	0.0116	<0.001	
MW - 6	05/17/11	0.2950	<0.001	0.0661	0.0348	
MW - 6	08/11/11	0.1450	<0.001	0.0122	0.0117	
MW - 6	11/09/11	0.2260	<0.001	0.1230	0.0058	
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				
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	

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 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 - 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 - 6	03/03/22	0.0218	0.00265	<0.00100	0.00341	
MW - 6	06/01/22	0.0206	0.00535	<0.00500	<0.0100	
MW - 6	08/24/22	0.0225	0.00194	<0.00100	<0.00200	
MW - 6	10/18/22	0.0109	<0.00100	<0.00100	<0.00200	
MW - 7	03/10/05	Not Sampled Due to PSH in Well				
MW - 7	06/11/05	Not Sampled Due to PSH in Well				
MW - 7	09/09/05	Not Sampled Due to PSH in Well				
MW - 7	12/05/05	Not Sampled Due to PSH in Well				
MW - 7	03/09/06	Not Sampled Due to PSH in Well				
MW - 7	06/08/06	Not Sampled Due to PSH in Well				
MW - 7	09/13/06	Not Sampled Due to PSH in Well				
MW - 7	11/29/06	Not Sampled Due to PSH in Well				
MW - 7	02/26/07	Not Sampled Due to PSH in Well				
MW - 7	05/21/07	Not Sampled Due to PSH in Well				
MW - 7	08/16/07	Not Sampled Due to PSH in Well				
MW - 7	11/07/07	0.6610	<0.01	<0.01	0.1300	
MW - 7	02/12/08	0.6570	<0.005	0.0881	0.1550	
MW - 7	05/15/08	0.6280	<0.0100	0.0702	0.0965	
MW - 7	08/19/08	0.7030	<0.00500	0.0736	0.1060	
MW - 7	11/13/08	0.6080	<0.00500	0.0865	0.1620	
MW - 7	02/11/09	0.7050	0.0065	0.0789	0.1220	
MW - 7	05/13/09	0.6410	<0.005	0.1210	0.1740	
MW - 7	08/11/09	0.7500	<0.005	0.0904	0.1480	
MW - 7	11/23/09	0.6590	<0.005	0.0578	0.0881	
MW - 7	02/10/10	0.5410	<0.005	0.0614	0.0955	
MW - 7	05/25/10	Not Sampled Due to PSH in Well				
MW - 7	08/12/10	Not Sampled Due to PSH in Well				
MW - 7	11/17/10	Not Sampled Due to PSH in Well				
MW - 7	02/22/11	Not Sampled Due to PSH in Well				
MW - 7	05/17/11	Not Sampled Due to PSH in Well				

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

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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 - 7	08/11/11	Not Sampled Due to PSH in Well				
MW - 7	11/09/11	Not Sampled Due to PSH in Well				
MW - 7	03/01/12	Not Sampled Due to PSH in Well				
MW - 7	05/23/12	Not Sampled Due to PSH in Well				
MW - 7	08/09/12	Not Sampled Due to PSH in Well				
MW - 7	11/20/12	Not Sampled Due to PSH in Well				
MW - 7	02/12/13	Not Sampled Due to PSH in Well				
MW - 7	05/15/13	Not Sampled Due to PSH in Well				
MW - 7	08/07/13	Not Sampled Due to PSH in Well				
MW - 7	11/26/13	Not Sampled Due to PSH in Well				
MW - 7	02/10/14	Not Sampled Due to PSH in Well				
MW - 7	05/22/14	Not Sampled Due to PSH in Well				
MW - 7	08/13/14	Not Sampled Due to PSH in Well				
MW - 7	11/05/14	Not Sampled Due to PSH in Well				
MW - 7	02/17/15	Not Sampled Due to PSH in Well				
MW - 7	05/14/15	Not Sampled Due to PSH in Well				
MW - 7	08/04/15	Not Sampled Due to PSH in Well				
MW - 7	11/16/15	Not Sampled Due to PSH in Well				
MW - 7	02/10/16	Not Sampled Due to PSH in Well				
MW - 7	05/25/16	Not Sampled Due to PSH in Well				
MW - 7	08/19/16	Not Sampled Due to PSH in Well				
MW - 7	03/01/17	Not Sampled Due to PSH in Well				
MW - 7	05/18/17	Not Gauged				
MW - 7	08/15/17	Not Sampled Due to PSH in Well				
MW - 7	11/15/17	Not Sampled Due to PSH in Well				
MW - 7	02/20/18	Not Sampled Due to PSH in Well				
MW - 7	05/16/18	Not Sampled Due to PSH in Well				
MW - 7	08/14/18	0.242	<0.0100	0.0323	0.1088	
MW - 7	11/29/18	0.294	<0.0500	0.0670	0.2390	
MW - 7	03/05/19	0.0483	0.00203	0.00766	0.02470	
MW - 7	05/14/19	0.128	0.0106	0.0283	0.0812	
MW - 7	09/10/19	0.168	0.0108	0.0268	0.1029	
MW - 7	12/04/19	0.151	0.0146	0.0363	0.1566	
MW - 7	02/13/20	0.206	0.0902	0.137	0.494	
MW - 7	06/25/20	0.182	0.0872	0.0846	0.351	
MW - 7	08/18/20	Not Sampled Due to PSH in Well				
MW - 7	11/11/20	Not Sampled Due to PSH in Well				
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				

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HISTORICAL 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 - 7	12/01/21	Not Sampled Due to PSH in Well				
MW - 7	03/04/22	Not Sampled Due to PSH in Well				
MW - 7	06/02/22	Not Sampled Due to PSH in Well				
MW - 7	08/24/22	Not Sampled Due to PSH in Well				
MW - 7	10/18/22	Not Sampled Due to PSH in Well				
MW - 8	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 8	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 8	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 8	03/10/05	Not Sampled on Current Sample Schedule				
MW - 8	06/11/05	Not Sampled on Current Sample Schedule				
MW - 8	09/09/05	Not Sampled on Current Sample Schedule				
MW - 8	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 8	03/09/06	Not Sampled on Current Sample Schedule				
MW - 8	06/08/06	Not Sampled on Current Sample Schedule				
MW - 8	09/13/06	Not Sampled on Current Sample Schedule				
MW - 8	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/26/07	Not Sampled on Current Sample Schedule				
MW - 8	05/21/07	Not Sampled on Current Sample Schedule				
MW - 8	08/16/07	Not Sampled on Current Sample Schedule				
MW - 8	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/12/08	Not Sampled on Current Sample Schedule				
MW - 8	05/15/08	Not Sampled on Current Sample Schedule				
MW - 8	08/19/08	Not Sampled on Current Sample Schedule				
MW - 8	11/13/08	<0.001	0.0017	<0.001	<0.001	
MW - 8	02/11/09	Not Sampled on Current Sample Schedule				
MW - 8	05/13/09	Not Sampled on Current Sample Schedule				
MW - 8	08/11/09	Not Sampled on Current Sample Schedule				
MW - 8	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/10/10	Not Sampled on Current Sample Schedule				
MW - 8	05/25/10	Not Sampled on Current Sample Schedule				
MW - 8	08/12/10	Not Sampled on Current Sample Schedule				
MW - 8	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/22/11	Not Sampled on Current Sample Schedule				

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 8	05/17/11	Not Sampled on Current Sample Schedule				
MW - 8	08/11/11	Not Sampled on Current Sample Schedule				
MW - 8	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 8	03/01/12	Not Sampled on Current Sample Schedule				
MW - 8	05/23/12	Not Sampled on Current Sample Schedule				
MW - 8	08/09/12	Not Sampled on Current Sample Schedule				
MW - 8	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/12/13	Not Sampled on Current Sample Schedule				
MW - 8	05/15/13	Not Sampled on Current Sample Schedule				
MW - 8	08/07/13	Not Sampled on Current Sample Schedule				
MW - 8	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 8	02/10/14	Not Sampled on Current Sample Schedule				
MW - 8	05/22/14	Not Sampled on Current Sample Schedule				
MW - 8	08/13/14	Not Sampled on Current Sample Schedule				
MW - 8	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/17/15	Not Sampled on Current Sample Schedule				
MW - 8	05/14/15	Not Sampled on Current Sample Schedule				
MW - 8	08/04/15	Not Sampled on Current Sample Schedule				
MW - 8	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/10/16	Not Sampled on Current Sample Schedule				
MW - 8	05/25/16	Not Sampled on Current Sample Schedule				
MW - 8	08/19/16	Not Sampled on Current Sample Schedule				
MW - 8	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 8	02/28/17	Not Sampled on Current Sample Schedule				
MW - 8	05/18/17	Not Sampled on Current Sample Schedule				
MW - 8	08/15/17	Not Sampled on Current Sample Schedule				
MW - 8	11/16/17	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	02/20/18	Not Sampled on Current Sample Schedule				
MW - 8	05/16/18	Not Sampled on Current Sample Schedule				
MW - 8	08/14/18	Not Sampled on Current Sample Schedule				
MW - 8	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 8	03/04/19	Not Sampled on Current Sample Schedule				
MW - 8	05/13/19	Not Sampled on Current Sample Schedule				
MW - 8	09/10/19	Not Sampled on Current Sample Schedule				
MW - 8	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	02/13/20	Not Sampled on Current Sample Schedule				
MW - 8	06/24/20	Not Sampled on Current Sample Schedule				
MW - 8	08/18/20	Not Sampled on Current Sample Schedule				
MW - 8	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 8	03/17/21	Not Sampled on Current Sample Schedule				

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 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 - 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	
MW - 8	03/03/22	Not Sampled on Current Sample Schedule				
MW - 8	06/01/22	Not Sampled on Current Sample Schedule				
MW - 8	08/23/22	Not Sampled on Current Sample Schedule				
MW - 8	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 9	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 9	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 9	03/10/05	Not Sampled on Current Sample Schedule				
MW - 9	06/11/05	Not Sampled on Current Sample Schedule				
MW - 9	09/09/05	Not Sampled on Current Sample Schedule				
MW - 9	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 9	03/09/06	Not Sampled on Current Sample Schedule				
MW - 9	06/08/06	Not Sampled on Current Sample Schedule				
MW - 9	09/13/06	Not Sampled on Current Sample Schedule				
MW - 9	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/26/07	Not Sampled on Current Sample Schedule				
MW - 9	05/21/07	Not Sampled on Current Sample Schedule				
MW - 9	08/16/07	Not Sampled on Current Sample Schedule				
MW - 9	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/12/08	Not Sampled on Current Sample Schedule				
MW - 9	05/15/08	Not Sampled on Current Sample Schedule				
MW - 9	08/19/08	Not Sampled on Current Sample Schedule				
MW - 9	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/11/09	Not Sampled on Current Sample Schedule				
MW - 9	05/13/09	Not Sampled on Current Sample Schedule				
MW - 9	08/11/09	Not Sampled on Current Sample Schedule				
MW - 9	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/10/10	Not Sampled on Current Sample Schedule				
MW - 9	05/25/10	Not Sampled on Current Sample Schedule				
MW - 9	08/12/10	Not Sampled on Current Sample Schedule				

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 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 - 9	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/22/11	Not Sampled on Current Sample Schedule				
MW - 9	05/17/11	Not Sampled on Current Sample Schedule				
MW - 9	08/11/11	Not Sampled on Current Sample Schedule				
MW - 9	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	03/01/12	Not Sampled on Current Sample Schedule				
MW - 9	05/23/12	Not Sampled on Current Sample Schedule				
MW - 9	08/09/12	Not Sampled on Current Sample Schedule				
MW - 9	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/12/13	Not Sampled on Current Sample Schedule				
MW - 9	05/15/13	Not Sampled on Current Sample Schedule				
MW - 9	08/07/13	Not Sampled on Current Sample Schedule				
MW - 9	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 9	02/10/14	Not Sampled on Current Sample Schedule				
MW - 9	05/22/14	Not Sampled on Current Sample Schedule				
MW - 9	08/13/14	Not Sampled on Current Sample Schedule				
MW - 9	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/17/15	Not Sampled on Current Sample Schedule				
MW - 9	05/14/15	Not Sampled on Current Sample Schedule				
MW - 9	08/04/15	Not Sampled on Current Sample Schedule				
MW - 9	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	02/10/16	Not Sampled on Current Sample Schedule				
MW - 9	05/25/16	Not Sampled on Current Sample Schedule				
MW - 9	08/19/16	Not Sampled on Current Sample Schedule				
MW - 9	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 9	02/28/17	Not Sampled on Current Sample Schedule				
MW - 9	05/18/17	Not Sampled on Current Sample Schedule				
MW - 9	08/15/17	Not Sampled on Current Sample Schedule				
MW - 9	11/16/17	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	02/20/18	Not Sampled on Current Sample Schedule				
MW - 9	05/16/18	Not Sampled on Current Sample Schedule				
MW - 9	08/14/18	Not Sampled on Current Sample Schedule				
MW - 9	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 9	03/04/19	Not Sampled on Current Sample Schedule				
MW - 9	05/13/19	Not Sampled on Current Sample Schedule				
MW - 9	09/10/19	Not Sampled on Current Sample Schedule				
MW - 9	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 9	02/13/20	Not Sampled on Current Sample Schedule				
MW - 9	06/24/20	Not Sampled on Current Sample Schedule				
MW - 9	08/18/20	Not Sampled on Current Sample Schedule				

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 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 - 9	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200	
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 - 9	03/03/22	Not Sampled on Current Sample Schedule				
MW - 9	06/01/22	Not Sampled on Current Sample Schedule				
MW - 9	08/23/22	Not Sampled on Current Sample Schedule				
MW - 9	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	06/07/02	0.1420	<0.005	0.0230	0.0070	<0.005
MW - 10	11/25/03	0.1760	<0.001	0.0340	0.0140	0.0010
MW - 10	02/10/04	0.1610	<0.001	0.0320	0.0120	0.0010
MW - 10	05/10/04	0.1810	<0.001	0.0232	0.0083	<0.001
MW - 10	03/10/05	Not Sampled Due to PSH in Well				
MW - 10	06/11/05	Not Sampled Due to PSH in Well				
MW - 10	09/09/05	Not Sampled Due to PSH in Well				
MW - 10	12/05/05	Not Sampled Due to PSH in Well				
MW - 10	03/09/06	Not Sampled Due to PSH in Well				
MW - 10	06/08/06	Not Sampled Due to PSH in Well				
MW - 10	09/13/06	Not Sampled Due to PSH in Well				
MW - 10	11/29/06	Not Sampled Due to PSH in Well				
MW - 10	02/26/07	Not Sampled Due to PSH in Well				
MW - 10	05/21/07	Not Sampled Due to PSH in Well				
MW - 10	08/16/07	Not Sampled Due to PSH in Well				
MW - 10	11/07/07	0.1840	<0.02	<0.02	0.0782	
MW - 10	02/12/08	0.2640	<0.001	0.0059	0.0577	
MW - 10	05/15/08	0.2260	<0.005	<0.005	0.0229	
MW - 10	08/18/08	0.2340	0.0086	0.0072	0.0186	
MW - 10	11/13/08	0.2250	<0.005	<0.005	<0.005	
MW - 10	02/11/09	0.2450	<0.005	0.0091	0.0370	
MW - 10	05/13/09	0.2550	<0.005	0.0299	0.0735	
MW - 10	08/11/09	0.2900	<0.005	0.0310	0.0590	
MW - 10	11/23/09	0.2420	<0.005	<0.005	<0.005	
MW - 10	02/10/10	0.2660	<0.005	0.0114	0.0307	
MW - 10	05/25/10	0.2480	<0.005	<0.005	<0.005	
MW - 10	08/12/10	0.2250	<0.100	<0.100	<0.100	
MW - 10	11/17/10	0.5640	<0.100	0.3550	<0.100	
MW - 10	02/22/11	0.8080	<0.100	<0.100	<0.100	
MW - 10	05/17/11	1.0400	<0.100	<0.100	<0.100	

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 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 - 10	08/11/11	0.4890	<0.100	<0.100	<0.100	
MW - 10	11/09/11	0.2510	<0.100	<0.100	<0.100	
MW - 10	03/01/12	0.8820	<0.100	<0.100	<0.100	
MW - 10	05/23/12	0.2620	<0.050	<0.050	<0.050	
MW - 10	08/09/12	0.2410	<0.050	<0.050	<0.050	
MW - 10	11/20/12	0.259	<0.01	<0.01	<0.01	
MW - 10	02/12/13	0.266	<0.02	<0.02	<0.02	
MW - 10	05/15/13	0.273	<0.0500	<0.0500	<0.0500	
MW - 10	08/07/13	0.320	<0.00100	<0.00100	0.0228	
MW - 10	11/26/13	0.308	<0.00100	0.0041	0.0111	
MW - 10	02/10/14	0.201	<0.0500	<0.0500	<0.150	
MW - 10	05/22/14	Not Sampled Due to PSH in Well				
MW - 10	08/13/14	Not Sampled Due to PSH in Well				
MW - 10	11/05/14	0.223	<0.0500	<0.0500	<0.0500	
MW - 10	02/17/15	0.232	<0.0500	<0.0500	<0.0500	
MW - 10	05/14/15	0.215	<0.0500	<0.0500	<0.0500	
MW - 10	08/04/15	0.274	<0.0500	<0.0500	<0.0500	
MW - 10	11/17/15	0.298	<0.0500	<0.0500	<0.0500	
MW - 10	02/10/16	0.258	<0.0500	<0.0500	<0.0500	
MW - 10	05/25/16	0.316	<0.00100	<0.00100	0.00810	
MW - 10	08/19/16	0.250	<0.0500	<0.0500	<0.0500	
MW - 10	11/22/16	0.313	0.0207	0.00963	0.118	
MW - 10	02/28/17	0.264	0.0403	0.0625	<0.0500	
MW - 10	05/18/17	0.279	0.00890	<0.00200	0.0379	
MW - 10	08/15/17	0.326	0.00747	0.00440	0.0298	
MW - 10	11/16/17	0.244	0.00201	0.0227	0.01144	
MW - 10	02/20/18	0.0309	0.00225	<0.00200	0.00892	
MW - 10	05/16/18	0.223	<0.0200	<0.0200	<0.0400	
MW - 10	08/14/18	0.213	<0.0100	0.0131	<0.0200	
MW - 10	11/29/18	0.213	<0.0100	0.0275	<0.0200	
MW - 10	03/05/19	0.257	0.00344	0.0226	0.01307	
MW - 10	05/14/19	0.163	<0.00100	0.0204	0.0196	
MW - 10	09/10/19	0.318	<0.00100	0.0226	0.03642	
MW - 10	12/04/19	0.234	0.00158	0.0172	0.00667	
MW - 10	02/13/20	0.196	0.00860	0.0104	0.0562	
MW - 10	06/25/20	0.160	0.00680	0.00570	0.03072	
MW - 10	08/19/20	0.218	0.0104	0.00762	0.0414	
MW - 10	11/11/20	0.319	0.00297	<0.00100	0.00361	
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	

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 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 - 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 - 10	03/04/22	0.319	0.00675	0.00349	0.02362	
MW - 10	06/02/22	0.270	0.00800	0.00442	0.0372	
MW - 10	08/24/22	0.246	0.00512	0.00291	0.01875	
MW - 10	10/19/22	0.239	0.00185	0.00170	0.00570	
MW - 11	06/07/02	0.0010	0.0010	<0.001	<0.001	<0.001
MW - 11	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	02/10/04	0.0050	<0.001	<0.001	<0.002	<0.001
MW - 11	12/02/04	<0.001	<0.001	<0.001	0.0010	
MW - 11	03/10/05	Not Sampled on Current Sample Schedule				
MW - 11	06/11/05	Not Sampled on Current Sample Schedule				
MW - 11	09/09/05	Not Sampled on Current Sample Schedule				
MW - 11	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 11	03/09/06	Not Sampled on Current Sample Schedule				
MW - 11	06/08/06	Not Sampled on Current Sample Schedule				
MW - 11	09/13/06	Not Sampled on Current Sample Schedule				
MW - 11	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/26/07	Not Sampled on Current Sample Schedule				
MW - 11	05/21/07	Not Sampled on Current Sample Schedule				
MW - 11	08/16/07	Not Sampled on Current Sample Schedule				
MW - 11	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/12/08	Not Sampled on Current Sample Schedule				
MW - 11	05/15/08	Not Sampled on Current Sample Schedule				
MW - 11	08/18/08	Not Sampled on Current Sample Schedule				
MW - 11	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/11/09	Not Sampled on Current Sample Schedule				
MW - 11	05/13/09	Not Sampled on Current Sample Schedule				
MW - 11	08/11/09	Not Sampled on Current Sample Schedule				
MW - 11	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/10/10	Not Sampled on Current Sample Schedule				
MW - 11	05/25/10	Not Sampled on Current Sample Schedule				
MW - 11	08/12/10	Not Sampled on Current Sample Schedule				
MW - 11	11/17/10	<0.001	<0.001	<0.001	<0.001	

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 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 - 11	02/22/11	Not Sampled on Current Sample Schedule				
MW - 11	05/17/11	Not Sampled on Current Sample Schedule				
MW - 11	08/11/11	Not Sampled on Current Sample Schedule				
MW - 11	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 11	03/01/12	Not Sampled on Current Sample Schedule				
MW - 11	05/23/12	Not Sampled on Current Sample Schedule				
MW - 11	08/09/12	Not Sampled on Current Sample Schedule				
MW - 11	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/12/13	Not Sampled on Current Sample Schedule				
MW - 11	05/15/13	Not Sampled on Current Sample Schedule				
MW - 11	08/07/13	Not Sampled on Current Sample Schedule				
MW - 11	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 11	02/10/14	Not Sampled on Current Sample Schedule				
MW - 11	05/22/14	Not Sampled on Current Sample Schedule				
MW - 11	08/13/14	Not Sampled on Current Sample Schedule				
MW - 11	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/17/15	Not Sampled on Current Sample Schedule				
MW - 11	05/14/15	Not Sampled on Current Sample Schedule				
MW - 11	08/04/15	Not Sampled on Current Sample Schedule				
MW - 11	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/10/16	Not Sampled on Current Sample Schedule				
MW - 11	05/25/16	Not Sampled on Current Sample Schedule				
MW - 11	08/19/16	Not Sampled on Current Sample Schedule				
MW - 11	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 11	02/28/17	Not Sampled on Current Sample Schedule				
MW - 11	05/18/17	Not Sampled on Current Sample Schedule				
MW - 11	08/15/17	Not Sampled on Current Sample Schedule				
MW - 11	11/15/17	<0.00100	<0.00100	0.00119	0.00368	
MW - 11	02/20/18	Not Sampled on Current Sample Schedule				
MW - 11	05/16/18	Not Sampled on Current Sample Schedule				
MW - 11	08/14/18	Not Sampled on Current Sample Schedule				
MW - 11	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 11	03/04/19	Not Sampled on Current Sample Schedule				
MW - 11	05/13/19	Not Sampled on Current Sample Schedule				
MW - 11	09/10/19	Not Sampled on Current Sample Schedule				
MW - 11	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	02/13/20	Not Sampled on Current Sample Schedule				
MW - 11	06/24/20	Not Sampled on Current Sample Schedule				
MW - 11	08/18/20	Not Sampled on Current Sample Schedule				
MW - 11	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200	

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
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 - 11	03/03/22	Not Sampled on Current Sample Schedule				
MW - 11	06/01/22	Not Sampled on Current Sample Schedule				
MW - 11	08/23/22	Not Sampled on Current Sample Schedule				
MW - 11	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	09/27/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 12	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	12/02/04	<0.001	<0.001	<0.001	0.0082	
MW - 12	03/10/05	Not Sampled on Current Sample Schedule				
MW - 12	06/11/05	Not Sampled on Current Sample Schedule				
MW - 12	09/09/05	Not Sampled on Current Sample Schedule				
MW - 12	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/09/06	Not Sampled on Current Sample Schedule				
MW - 12	06/08/06	Not Sampled on Current Sample Schedule				
MW - 12	09/13/06	Not Sampled on Current Sample Schedule				
MW - 12	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/26/07	Not Sampled on Current Sample Schedule				
MW - 12	05/21/07	Not Sampled on Current Sample Schedule				
MW - 12	08/16/07	Not Sampled on Current Sample Schedule				
MW - 12	11/07/07	0.0052	<0.001	<0.001	0.0138	
MW - 12	02/12/08	Not Sampled on Current Sample Schedule				
MW - 12	05/15/08	Not Sampled on Current Sample Schedule				
MW - 12	08/18/08	Not Sampled on Current Sample Schedule				
MW - 12	11/13/08	<0.001	<0.001	<0.001	0.0148	
MW - 12	02/11/09	Not Sampled on Current Sample Schedule				
MW - 12	05/13/09	Not Sampled on Current Sample Schedule				
MW - 12	08/11/09	Not Sampled on Current Sample Schedule				
MW - 12	11/23/09	<0.001	<0.001	<0.001	0.0019	
MW - 12	02/10/10	Not Sampled on Current Sample Schedule				
MW - 12	05/25/10	Not Sampled on Current Sample Schedule				

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 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 - 12	08/12/10	Not Sampled on Current Sample Schedule				
MW - 12	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/22/11	Not Sampled on Current Sample Schedule				
MW - 12	05/17/11	Not Sampled on Current Sample Schedule				
MW - 12	08/11/11	Not Sampled on Current Sample Schedule				
MW - 12	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/01/12	Not Sampled on Current Sample Schedule				
MW - 12	05/23/12	Not Sampled on Current Sample Schedule				
MW - 12	08/09/12	Not Sampled on Current Sample Schedule				
MW - 12	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/12/13	Not Sampled on Current Sample Schedule				
MW - 12	05/15/13	Not Sampled on Current Sample Schedule				
MW - 12	08/07/13	Not Sampled on Current Sample Schedule				
MW - 12	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 12	02/10/14	Not Sampled on Current Sample Schedule				
MW - 12	05/22/14	Not Sampled on Current Sample Schedule				
MW - 12	08/13/14	Not Sampled on Current Sample Schedule				
MW - 12	11/05/14	<0.00100	<0.00100	<0.00100	0.00130	
MW - 12	02/17/15	Not Sampled on Current Sample Schedule				
MW - 12	05/14/15	Not Sampled on Current Sample Schedule				
MW - 12	08/04/15	Not Sampled on Current Sample Schedule				
MW - 12	11/16/15	0.00120	<0.00100	0.00200	0.00380	
MW - 12	02/10/16	Not Sampled on Current Sample Schedule				
MW - 12	05/25/16	Not Sampled on Current Sample Schedule				
MW - 12	08/19/16	Not Sampled on Current Sample Schedule				
MW - 12	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 12	02/28/17	Not Sampled on Current Sample Schedule				
MW - 12	05/18/17	Not Sampled on Current Sample Schedule				
MW - 12	08/15/17	Not Sampled on Current Sample Schedule				
MW - 12	11/15/17	<0.00100	<0.00100	<0.00100	0.00639	
MW - 12	02/20/18	Not Sampled on Current Sample Schedule				
MW - 12	05/16/18	Not Sampled on Current Sample Schedule				
MW - 12	08/14/18	Not Sampled on Current Sample Schedule				
MW - 12	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	03/04/19	Not Sampled on Current Sample Schedule				
MW - 12	05/13/19	Not Sampled on Current Sample Schedule				
MW - 12	09/10/19	Not Sampled on Current Sample Schedule				
MW - 12	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/13/20	Not Sampled on Current Sample Schedule				
MW - 12	06/24/20	Not Sampled on Current Sample Schedule				

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 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 - 12	08/18/20	Not Sampled on Current Sample Schedule				
MW - 12	11/10/20	<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 - 12	03/04/22	Not Sampled on Current Sample Schedule				
MW - 12	06/01/22	Not Sampled on Current Sample Schedule				
MW - 12	08/23/22	Not Sampled on Current Sample Schedule				
MW - 12	10/19/22	<0.00100	<0.00100	<0.00100	0.00136	
MW-13	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-13	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW-13	12/01/04	<0.005	<0.005	<0.005	<0.005	
MW-13	03/10/05	Not Sampled on Current Sample Schedule				
MW-13	06/11/05	Not Sampled on Current Sample Schedule				
MW-13	09/09/05	Not Sampled on Current Sample Schedule				
MW-13	09/13/05	Plugged and Abandoned				
MW - 14	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 14	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 14	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 14	03/10/05	Not Sampled on Current Sample Schedule				
MW - 14	06/11/05	Not Sampled on Current Sample Schedule				
MW - 14	09/09/05	Not Sampled on Current Sample Schedule				
MW - 14	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 14	03/09/06	Not Sampled on Current Sample Schedule				
MW - 14	06/08/06	Not Sampled on Current Sample Schedule				

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 14	09/13/06	Not Sampled on Current Sample Schedule				
MW - 14	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/26/07	Not Sampled on Current Sample Schedule				
MW - 14	05/21/07	Not Sampled on Current Sample Schedule				
MW - 14	08/16/07	Not Sampled on Current Sample Schedule				
MW - 14	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/12/08	Not Sampled on Current Sample Schedule				
MW - 14	05/15/08	Not Sampled on Current Sample Schedule				
MW - 14	08/18/08	Not Sampled on Current Sample Schedule				
MW - 14	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/11/09	Not Sampled on Current Sample Schedule				
MW - 14	05/13/09	Not Sampled on Current Sample Schedule				
MW - 14	08/11/09	Not Sampled on Current Sample Schedule				
MW - 14	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/10/10	Not Sampled on Current Sample Schedule				
MW - 14	05/25/10	Not Sampled on Current Sample Schedule				
MW - 14	08/12/10	Not Sampled on Current Sample Schedule				
MW - 14	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/22/11	Not Sampled on Current Sample Schedule				
MW - 14	05/17/11	Not Sampled on Current Sample Schedule				
MW - 14	08/11/11	Not Sampled on Current Sample Schedule				
MW - 14	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 14	03/01/12	Not Sampled on Current Sample Schedule				
MW - 14	05/23/12	Not Sampled on Current Sample Schedule				
MW - 14	08/09/12	Not Sampled on Current Sample Schedule				
MW - 14	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/12/13	Not Sampled on Current Sample Schedule				
MW - 14	05/15/13	Not Sampled on Current Sample Schedule				
MW - 14	08/07/13	Not Sampled on Current Sample Schedule				
MW - 14	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 14	02/10/14	Not Sampled on Current Sample Schedule				
MW - 14	05/22/14	Not Sampled on Current Sample Schedule				
MW - 14	08/13/14	Not Sampled on Current Sample Schedule				
MW - 14	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	02/17/15	Not Sampled on Current Sample Schedule				
MW - 14	05/14/15	Not Sampled on Current Sample Schedule				
MW - 14	08/04/15	Not Sampled on Current Sample Schedule				
MW - 14	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	02/10/16	Not Sampled on Current Sample Schedule				
MW - 14	05/25/16	Not Sampled on Current Sample Schedule				

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 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 - 14	08/19/16	Not Sampled on Current Sample Schedule				
MW - 14	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 14	02/28/17	Not Sampled on Current Sample Schedule				
MW - 14	05/18/17	Not Sampled on Current Sample Schedule				
MW - 14	08/15/17	Not Sampled on Current Sample Schedule				
MW - 14	11/15/17	<0.00100	<0.00100	<0.00100	0.00212	
MW - 14	02/20/18	Not Sampled on Current Sample Schedule				
MW - 14	05/16/18	Not Sampled on Current Sample Schedule				
MW - 14	08/14/18	Not Sampled on Current Sample Schedule				
MW - 14	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 14	03/04/19	Not Sampled on Current Sample Schedule				
MW - 14	05/13/19	Not Sampled on Current Sample Schedule				
MW - 14	09/10/19	Not Sampled on Current Sample Schedule				
MW - 14	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	02/13/20	Not Sampled on Current Sample Schedule				
MW - 14	06/24/20	Not Sampled on Current Sample Schedule				
MW - 14	08/18/20	Not Sampled on Current Sample Schedule				
MW - 14	11/10/20	<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 - 14	03/03/22	Not Sampled on Current Sample Schedule				
MW - 14	06/01/22	Not Sampled on Current Sample Schedule				
MW - 14	08/23/22	Not Sampled on Current Sample Schedule				
MW - 14	10/19/22	<0.00100	<0.00100	<0.00100	0.00157	
MW - 15	06/07/02	0.0020	0.0010	0.0020	<0.001	<0.001
MW - 15	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/10/05	Not Sampled on Current Sample Schedule				
MW - 15	06/11/05	Not Sampled on Current Sample Schedule				
MW - 15	09/09/05	Not Sampled on Current Sample Schedule				
MW - 15	12/05/05	<0.001	<0.001	<0.001	<0.001	

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 15	03/09/06	Not Sampled on Current Sample Schedule				
MW - 15	06/08/06	Not Sampled on Current Sample Schedule				
MW - 15	09/13/06	Not Sampled on Current Sample Schedule				
MW - 15	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/26/07	Not Sampled on Current Sample Schedule				
MW - 15	05/21/07	Not Sampled on Current Sample Schedule				
MW - 15	08/16/07	Not Sampled on Current Sample Schedule				
MW - 15	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/12/08	Not Sampled on Current Sample Schedule				
MW - 15	05/15/08	Not Sampled on Current Sample Schedule				
MW - 15	08/18/08	Not Sampled on Current Sample Schedule				
MW - 15	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/11/09	Not Sampled on Current Sample Schedule				
MW - 15	05/13/09	Not Sampled on Current Sample Schedule				
MW - 15	08/11/09	Not Sampled on Current Sample Schedule				
MW - 15	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/10/10	Not Sampled on Current Sample Schedule				
MW - 15	05/25/10	Not Sampled on Current Sample Schedule				
MW - 15	08/12/10	Not Sampled on Current Sample Schedule				
MW - 15	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/22/11	Not Sampled on Current Sample Schedule				
MW - 15	05/17/11	Not Sampled on Current Sample Schedule				
MW - 15	08/11/11	Not Sampled on Current Sample Schedule				
MW - 15	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/01/12	Not Sampled on Current Sample Schedule				
MW - 15	05/23/12	Not Sampled on Current Sample Schedule				
MW - 15	08/09/12	Not Sampled on Current Sample Schedule				
MW - 15	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/12/13	Not Sampled on Current Sample Schedule				
MW - 15	05/15/13	Not Sampled on Current Sample Schedule				
MW - 15	08/07/13	Not Sampled on Current Sample Schedule				
MW - 15	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 15	02/10/14	Not Sampled on Current Sample Schedule				
MW - 15	05/22/14	Not Sampled on Current Sample Schedule				
MW - 15	08/13/14	Not Sampled on Current Sample Schedule				
MW - 15	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	02/17/15	Not Sampled on Current Sample Schedule				
MW - 15	05/14/15	Not Sampled on Current Sample Schedule				
MW - 15	08/04/15	Not Sampled on Current Sample Schedule				
MW - 15	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100	

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 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 - 15	02/10/16	Not Sampled on Current Sample Schedule				
MW - 15	05/25/16	Not Sampled on Current Sample Schedule				
MW - 15	08/19/16	Not Sampled on Current Sample Schedule				
MW - 15	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 15	02/28/17	Not Sampled on Current Sample Schedule				
MW - 15	05/18/17	Not Sampled on Current Sample Schedule				
MW - 15	08/15/17	Not Sampled on Current Sample Schedule				
MW - 15	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	02/20/18	Not Sampled on Current Sample Schedule				
MW - 15	05/16/18	Not Sampled on Current Sample Schedule				
MW - 15	08/14/18	Not Sampled on Current Sample Schedule				
MW - 15	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 15	03/04/19	Not Sampled on Current Sample Schedule				
MW - 15	05/13/19	Not Sampled on Current Sample Schedule				
MW - 15	09/10/19	Not Sampled on Current Sample Schedule				
MW - 15	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	02/13/20	Not Sampled on Current Sample Schedule				
MW - 15	06/24/20	Not Sampled on Current Sample Schedule				
MW - 15	08/18/20	Not Sampled on Current Sample Schedule				
MW - 15	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200	
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 - 15	03/03/22	Not Sampled on Current Sample Schedule				
MW - 15	06/01/22	Not Sampled on Current Sample Schedule				
MW - 15	08/23/22	Not Sampled on Current Sample Schedule				
MW - 15	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	06/07/02	0.0010	<0.001	0.0010	<0.001	<0.001
MW - 16	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 16	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 16	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/10/05	Not Sampled on Current Sample Schedule				
MW - 16	06/11/05	Not Sampled on Current Sample Schedule				

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCDF REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 16	09/09/05	Not Sampled on Current Sample Schedule				
MW - 16	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/09/06	Not Sampled on Current Sample Schedule				
MW - 16	06/08/06	Not Sampled on Current Sample Schedule				
MW - 16	09/13/06	Not Sampled on Current Sample Schedule				
MW - 16	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/26/07	Not Sampled on Current Sample Schedule				
MW - 16	05/21/07	Not Sampled on Current Sample Schedule				
MW - 16	08/16/07	Not Sampled on Current Sample Schedule				
MW - 16	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/12/08	Not Sampled on Current Sample Schedule				
MW - 16	05/15/08	Not Sampled on Current Sample Schedule				
MW - 16	08/18/08	Not Sampled on Current Sample Schedule				
MW - 16	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/11/09	Not Sampled on Current Sample Schedule				
MW - 16	05/13/09	Not Sampled on Current Sample Schedule				
MW - 16	08/11/09	Not Sampled on Current Sample Schedule				
MW - 16	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/10/10	Not Sampled on Current Sample Schedule				
MW - 16	05/25/10	Not Sampled on Current Sample Schedule				
MW - 16	08/12/10	Not Sampled on Current Sample Schedule				
MW - 16	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/22/11	Not Sampled on Current Sample Schedule				
MW - 16	05/17/11	Not Sampled on Current Sample Schedule				
MW - 16	08/11/11	Not Sampled on Current Sample Schedule				
MW - 16	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/01/12	Not Sampled on Current Sample Schedule				
MW - 16	05/23/12	Not Sampled on Current Sample Schedule				
MW - 16	08/09/12	Not Sampled on Current Sample Schedule				
MW - 16	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/12/13	Not Sampled on Current Sample Schedule				
MW - 16	05/15/13	Not Sampled on Current Sample Schedule				
MW - 16	08/07/13	Not Sampled on Current Sample Schedule				
MW - 16	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 16	02/10/14	Not Sampled on Current Sample Schedule				
MW - 16	05/22/14	Not Sampled on Current Sample Schedule				
MW - 16	08/13/14	Not Sampled on Current Sample Schedule				
MW - 16	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	02/17/15	Not Sampled on Current Sample Schedule				
MW - 16	05/14/15	Not Sampled on Current Sample Schedule				

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 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 - 16	08/04/15	Not Sampled on Current Sample Schedule				
MW - 16	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	02/10/16	Not Sampled on Current Sample Schedule				
MW - 16	05/25/16	Not Sampled on Current Sample Schedule				
MW - 16	08/19/16	Not Sampled on Current Sample Schedule				
MW - 16	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 16	02/28/17	Not Sampled on Current Sample Schedule				
MW - 16	05/18/17	Not Sampled on Current Sample Schedule				
MW - 16	08/15/17	Not Sampled on Current Sample Schedule				
MW - 16	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	02/20/18	Not Sampled on Current Sample Schedule				
MW - 16	05/16/18	Not Sampled on Current Sample Schedule				
MW - 16	08/14/18	Not Sampled on Current Sample Schedule				
MW - 16	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 16	03/04/19	Not Sampled on Current Sample Schedule				
MW - 16	05/13/19	Not Sampled on Current Sample Schedule				
MW - 16	09/10/19	Not Sampled on Current Sample Schedule				
MW - 16	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	02/13/20	Not Sampled on Current Sample Schedule				
MW - 16	06/24/20	Not Sampled on Current Sample Schedule				
MW - 16	08/18/20	Not Sampled on Current Sample Schedule				
MW - 16	11/10/20	<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 - 16	03/03/22	Not Sampled on Current Sample Schedule				
MW - 16	06/01/22	Not Sampled on Current Sample Schedule				
MW - 16	08/23/22	Not Sampled on Current Sample Schedule				
MW - 16	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	06/07/02	2.0600	0.0990	1.1900	0.2310	0.1190
MW - 17	09/27/02	4.7300	0.1170	2.2900	0.3650	0.1810
MW - 17	12/05/02	3.6800	0.1190	2.5300	0.4120	0.2310
MW - 17	02/25/03	3.8000	0.0460	2.4400	0.4370	0.1700
MW - 17	05/22/03	3.3700	0.0370	2.2400	0.3170	0.0700
MW - 17	08/27/03	3.6000	0.0310	2.4400	0.4710	0.0660
MW - 17	11/25/03	3.3100	0.0020	2.5400	0.4920	0.0220
MW - 17	02/10/04	3.3300	0.0010	2.1900	0.4180	0.0130
MW - 17	05/10/04	2.6400	0.0014	2.2700	0.2970	0.0045

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 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 - 17	08/25/04	3.4500	0.0016	1.9900	0.2800	0.0143
MW - 17	12/01/04	1.1500	<0.05	0.4140	0.0984	
MW - 17	03/10/05	3.3300	<0.05	2.1400	<0.05	
MW - 17	06/11/05	3.0500	<0.1	2.0600	0.3350	
MW - 17	09/09/05	3.4800	<0.1	2.3500	0.4080	
MW - 17	12/05/05	3.3600	<0.01	2.3800	0.3930	
MW - 17	03/09/06	3.1500	<0.02	2.3400	0.3670	
MW - 17	06/08/06	3.3800	<0.02	2.5800	0.3700	
MW - 17	09/15/06	1.7800	<0.2	1.1000	<0.2	
MW - 17	11/29/06	2.7500	<0.02	1.8800	0.4820	
MW - 17	02/26/07	3.0200	<0.02	2.5900	0.3910	
MW - 17	05/21/07	2.0300	<0.02	1.7000	0.2500	
MW - 17	08/16/07	3.0100	<0.02	2.5600	0.3380	
MW - 17	11/07/07	3.3600	<0.02	2.2800	0.3550	
MW - 17	02/12/08	2.8400	<0.02	2.3200	0.3370	
MW - 17	05/15/08	2.5100	<0.02	2.0000	0.2930	
MW - 17	08/19/08	2.6400	<0.02	2.0500	0.3260	
MW - 17	11/13/08	1.8000	<0.02	1.4400	0.2380	
MW - 17	02/11/09	2.3900	<0.02	1.8400	0.2790	
MW - 17	05/13/09	2.2800	<0.02	1.8600	0.4780	
MW - 17	08/11/09	2.6200	<0.02	2.1900	0.5110	
MW - 17	11/23/09	2.1700	<0.02	1.6400	0.1570	
MW - 17	02/10/10	2.0700	<0.02	1.5800	0.3010	
MW - 17	05/25/10	2.5200	<0.02	2.1900	0.3220	
MW - 17	08/12/10	2.2200	<0.100	1.7400	0.4050	
MW - 17	11/17/10	1.8500	<0.100	1.7900	<0.100	
MW - 17	02/22/11	2.1100	0.6900	1.8600	2.4700	
MW - 17	05/17/11	2.8700	<0.100	1.9200	1.7600	
MW - 17	08/11/11	2.3100	<0.100	1.8600	1.1300	
MW - 17	11/09/11	2.1700	<0.100	1.4800	<0.100	
MW - 17	03/01/12	2.3200	<0.100	1.7000	<0.100	
MW - 17	05/23/12	1.9100	<0.050	1.2500	0.2350	
MW - 17	08/09/12	0.0320	<0.001	0.0206	0.0051	
MW - 17	11/20/12	1.72	<0.01	0.934	0.2280	
MW - 17	02/12/13	2.12	<0.100	1.390	0.3110	
MW - 17	05/15/13	2.27	<0.0500	1.420	0.301	
MW - 17	08/07/13	1.98	<0.00500	0.940	0.254	
MW - 17	11/26/13	1.74	<0.0500	0.721	0.255	
MW - 17	02/10/14	2.33	<0.0500	1.12	0.254	
MW - 17	05/22/14	1.77	<0.0500	0.542	0.190	

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCDF REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 17	08/13/14	1.77	<0.0500	0.632	0.265	
MW - 17	11/05/14	2.47	<0.0500	1.410	0.302	
MW - 17	02/17/15	2.83	<0.200	1.26	0.508	
MW - 17	05/14/15	1.49	<0.200	0.580	<0.200	
MW - 17	08/04/15	1.85	<0.100	0.410	0.252	
MW - 17	11/17/15	2.09	<0.0500	0.570	0.289	
MW - 17	02/10/16	1.94	<0.0500	0.480	0.326	
MW - 17	05/25/16	1.71	<0.0500	0.274	0.189	
MW - 17	08/19/16	1.62	<0.0500	0.158	0.144	
MW - 17	11/22/16	2.49	<0.0200	0.501	0.330	
MW - 17	03/01/17	2.19	<0.0750	0.336	0.395	
MW - 17	05/18/17	3.86	0.00761	0.351	0.463	
MW - 17	08/15/17	3.97	<0.0200	0.458	0.523	
MW - 17	11/15/17	1.30	<0.00100	0.0942	0.12643	
MW - 17	02/19/18	1.39	0.00526	0.101	0.139	
MW - 17	05/16/18	2.31	0.00595	0.119	0.270	
MW - 17	08/14/18	1.45	<0.0100	0.0723	0.254	
MW - 17	11/29/18	1.19	<0.0100	0.120	0.1562	
MW - 17	03/05/19	1.71	0.00245	0.0620	0.24599	
MW - 17	05/14/19	1.52	<0.0100	0.0976	0.236	
MW - 17	09/11/19	1.90	<0.00100	0.0409	0.1508	
MW - 17	12/04/19	2.69	0.00271	0.0988	0.212	
MW - 17	02/13/20	2.15	0.00374	0.0932	0.30561	
MW - 17	06/25/20	1.53	0.00462	0.0316	0.141	
MW - 17	08/19/20	2.29	0.0105	0.0198	0.2631	
MW - 17	11/11/20	1.12	0.0124	0.0135	0.146	
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	
MW - 17	03/04/22	2.90	0.0106	0.0113	0.2434	
MW - 17	06/02/22	2.79	0.00290	0.00265	0.14195	
MW - 17	08/24/22	2.27	0.00198	0.00135	0.151	
MW - 17	10/19/22	2.52	0.00287	0.00239	0.152	
MW - 18	06/07/02	0.8150	0.0340	0.5090	0.0570	0.0240
MW - 18	09/27/02	4.8600	0.1900	2.3600	0.2200	0.0440
MW - 18	12/05/02	3.3600	0.2100	2.7700	0.3380	0.1480
MW - 18	02/25/03	3.2500	0.2210	2.6600	0.3530	0.1820
MW - 18	05/22/03	3.1900	0.1510	2.6100	0.3070	0.1310

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 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	08/27/03	3.7000	0.1740	2.6600	0.5130	0.1420
MW - 18	11/25/03	3.5400	0.1220	2.6300	0.5360	0.1170
MW - 18	02/10/04	0.9470	0.0060	0.6210	0.0940	0.0090
MW - 18	05/10/04	3.6200	0.3260	2.7700	0.4100	0.1430
MW - 18	08/25/04	1.8300	0.0024	2.0000	0.0963	0.0233
MW - 18	12/02/04	1.1600	<0.0200	0.9840	0.1420	
MW - 18	03/10/05	2.3800	<0.1	1.2200	0.3270	
MW - 18	06/11/05	2.3400	<0.01	0.8490	0.2040	
MW - 18	09/09/05	3.1800	<0.1	1.4700	0.3310	
MW - 18	12/05/05	3.1700	<0.01	1.6300	0.3410	
MW - 18	03/09/06	4.1800	<0.05	2.3200	0.6180	
MW - 18	06/08/06	3.7700	<0.02	2.1400	0.3540	
MW - 18	09/15/06	2.2700	<0.2	0.9560	<0.2	
MW - 18	11/29/06	2.5800	<0.01	1.4500	0.4100	
MW - 18	02/26/07	3.7100	<0.02	2.2600	0.3570	
MW - 18	05/21/07	2.4100	<0.02	1.7000	0.3480	
MW - 18	08/16/07	3.7000	<0.02	2.5100	0.3500	
MW - 18	11/07/07	3.3600	<0.01	2.2400	0.3590	
MW - 18	02/12/08	3.5700	<0.02	2.2800	0.3890	
MW - 18	05/15/08	3.2400	<0.02	2.0900	0.2720	
MW - 18	08/19/08	3.5800	<0.02	2.2300	0.5030	
MW - 18	11/13/08	2.9400	<0.02	1.9400	0.3830	
MW - 18	02/11/09	3.6800	<0.02	2.2200	0.4200	
MW - 18	05/13/09	3.4500	<0.02	2.3300	0.6370	
MW - 18	08/11/09	4.1600	<0.02	2.9800	0.7570	
MW - 18	11/23/09	2.6200	<0.02	1.7000	0.2590	
MW - 18	02/10/10	3.0600	<0.02	2.0200	0.5560	
MW - 18	05/25/10	2.7300	<0.02	1.4800	0.2630	
MW - 18	08/12/10	3.0700	<0.0500	1.7300	0.5300	
MW - 18	11/17/10	2.0900	<0.0500	1.3300	0.5130	
MW - 18	02/22/11	3.5100	0.3630	2.5000	1.4200	
MW - 18	05/17/11	3.2500	<0.0500	2.0000	1.0500	
MW - 18	08/11/11	3.4500	<0.0500	2.2100	0.7970	
MW - 18	11/09/11	2.6600	<0.0500	1.4900	0.2410	
MW - 18	03/01/12	3.1400	<0.0500	2.1000	1.3300	
MW - 18	05/23/12	3.2200	<0.0500	2.4200	0.2190	
MW - 18	08/09/12	0.0380	<0.001	0.0235	0.0043	
MW - 18	11/20/12	3.18	<0.01	2.280	0.234	
MW - 18	02/12/13	2.42	<0.0100	1.620	0.170	
MW - 18	05/15/13	2.48	<0.0500	1.60	0.173	

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 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	08/07/13	1.80	<0.0500	0.891	0.0965	
MW - 18	11/26/13	2.96	<0.0500	2.00	0.202	
MW - 18	02/10/14	2.89	<0.0500	1.66	0.185	
MW - 18	05/22/14	2.77	<0.0500	1.57	0.174	
MW - 18	08/13/14	1.36	<0.0500	0.644	0.0672	
MW - 18	11/05/14	2.96	<0.0500	2.24	0.219	
MW - 18	02/17/15	3.21	<0.0500	2.22	0.222	
MW - 18	05/14/15	3.12	<0.0500	2.06	0.242	
MW - 18	08/04/15	2.83	<0.0500	1.68	0.188	
MW - 18	11/17/15	3.33	<0.100	2.39	0.346	
MW - 18	02/10/16	3.14	<0.100	2.16	0.278	
MW - 18	05/25/16	2.96	<0.100	1.94	0.191	
MW - 18	08/19/16	3.49	<0.0500	1.96	0.175	
MW - 18	11/22/16	1.38	<0.0200	1.20	0.135	
MW - 18	03/01/17	2.05	<0.150	1.33	0.283	
MW - 18	05/18/17	3.11	0.00278	1.71	0.279	
MW - 18	08/15/17	4.46	<0.100	3.10	0.466	
MW - 18	11/15/17	1.22	<0.00100	0.313	0.11636	
MW - 18	02/19/18	1.68	0.00317	0.677	0.110	
MW - 18	05/16/18	2.32	<0.0200	0.740	0.225	
MW - 18	08/14/18	1.61	<0.0100	1.48	0.2571	
MW - 18	11/29/18	0.897	<0.0100	0.328	0.1767	
MW - 18	03/05/19	1.62	<0.00100	0.746	0.2118	
MW - 18	05/14/19	1.54	<0.0100	0.632	0.194	
MW - 18	09/11/19	1.20	<0.00100	0.895	0.2223	
MW - 18	12/04/19	1.78	<0.00100	1.16	0.262	
MW - 18	02/13/20	1.90	0.00195	0.592	0.30857	
MW - 18	06/25/20	1.27	0.00360	0.137	0.155	
MW - 18	08/19/20	1.82	0.0122	0.247	0.2893	
MW - 18	11/11/20	0.994	0.0106	0.0456	0.173	
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 - 18	03/04/22	1.59	0.00298	0.00422	0.107	
MW - 18	06/02/22	1.50	0.00251	0.00531	0.115	
MW - 18	08/24/22	1.58	0.00267	0.00383	0.117	
MW - 18	10/19/22	1.58	0.00263	0.0116	0.114	
MW - 19	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62		
MW - 19	09/27/02	0.0010	<0.001	<0.001	<0.001	<0.001	
MW - 19	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 19	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 19	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 19	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 19	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 19	12/02/04	<0.001	<0.001	<0.001	<0.001		
MW - 19	03/10/05	Not Sampled on Current Sample Schedule					
MW - 19	06/11/05	Not Sampled on Current Sample Schedule					
MW - 19	09/09/05	Not Sampled on Current Sample Schedule					
MW - 19	09/13/05	Plugged and Abandoned					
MW - 20	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	09/27/02	0.0020	<0.001	<0.001	<0.001	<0.001	
MW - 20	12/04/02	<0.001	<0.001	0.0020	<0.001	<0.001	
MW - 20	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 20	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 20	12/02/04	0.0097	<0.005	<0.005	<0.005		
MW - 20	03/10/05	Not Sampled on Current Sample Schedule					
MW - 20	06/11/05	Not Sampled on Current Sample Schedule					
MW - 20	09/09/05	Not Sampled on Current Sample Schedule					
MW - 20	12/05/05	<0.001	<0.001	0.0167	<0.001		
MW - 20	03/09/06	Not Sampled on Current Sample Schedule					
MW - 20	06/08/06	Not Sampled on Current Sample Schedule					
MW - 20	09/13/06	Not Sampled on Current Sample Schedule					
MW - 20	11/29/06	0.0029	<0.001	0.0138	<0.001		
MW - 20	02/26/07	Not Sampled on Current Sample Schedule					
MW - 20	05/21/07	Not Sampled on Current Sample Schedule					
MW - 20	08/16/07	Not Sampled on Current Sample Schedule					
MW - 20	11/07/07	<0.005	<0.005	<0.005	<0.005		
MW - 20	02/12/08	Not Sampled on Current Sample Schedule					
MW - 20	05/15/08	Not Sampled on Current Sample Schedule					
MW - 20	08/19/08	Not Sampled on Current Sample Schedule					
MW - 20	11/13/08	<0.001	<0.001	0.0042	<0.001		
MW - 20	02/11/09	Not Sampled on Current Sample Schedule					
MW - 20	05/13/09	Not Sampled on Current Sample Schedule					

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 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 - 20	08/11/09	Not Sampled on Current Sample Schedule				
MW - 20	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 20	02/10/10	Not Sampled on Current Sample Schedule				
MW - 20	05/25/10	Not Sampled on Current Sample Schedule				
MW - 20	08/12/10	Not Sampled on Current Sample Schedule				
MW - 20	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 20	02/22/11	Not Sampled on Current Sample Schedule				
MW - 20	05/17/11	Not Sampled on Current Sample Schedule				
MW - 20	08/11/11	Not Sampled on Current Sample Schedule				
MW - 20	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 20	03/01/12	Not Sampled on Current Sample Schedule				
MW - 20	05/23/12	Not Sampled on Current Sample Schedule				
MW - 20	08/09/12	Not Sampled on Current Sample Schedule				
MW - 20	11/20/12	0.0173	<0.001	<0.001	<0.001	
MW - 20	02/12/13	Not Sampled on Current Sample Schedule				
MW - 20	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 20	08/07/13	Not Sampled on Current Sample Schedule				
MW - 20	11/26/13	0.0509	<0.00100	0.0186	<0.00300	
MW - 20	02/10/14	Not Sampled on Current Sample Schedule				
MW - 20	05/22/14	0.00810	<0.00100	0.00470	<0.00300	
MW - 20	08/13/14	Not Sampled on Current Sample Schedule				
MW - 20	11/05/14	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 20	02/17/15	Not Sampled on Current Sample Schedule				
MW - 20	05/14/15	Not Sampled				
MW - 20	08/04/15	Not Sampled on Current Sample Schedule				
MW - 20	11/16/15	0.0245	<0.00100	0.0288	<0.0100	
MW - 20	02/10/16	Not Sampled on Current Sample Schedule				
MW - 20	06/16/16	0.0102	<0.00100	0.0116	<0.0100	
MW - 20	08/19/16	Not Sampled on Current Sample Schedule				
MW - 20	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 20	02/28/17	Not Sampled on Current Sample Schedule				
MW - 20	05/23/17	0.00309	0.00232	<0.00200	0.00585	
MW - 20	08/15/17	Not Sampled on Current Sample Schedule				
MW - 20	11/15/17	0.00253	<0.00100	<0.00100	0.00331	
MW - 20	02/19/18	Not Sampled on Current Sample Schedule				
MW - 20	05/16/18	0.00246	<0.00200	0.00907	<0.00400	
MW - 20	08/14/18	Not Sampled on Current Sample Schedule				
MW - 20	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 20	03/04/19	Not Sampled on Current Sample Schedule				
MW - 20	05/13/19	0.00232	<0.00100	0.00450	0.00260	

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 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 - 20	09/10/19	Not Sampled on Current Sample Schedule				
MW - 20	12/04/19	0.00521	<0.00100	0.0234	<0.00200	
MW - 20	02/13/20	Not Sampled on Current Sample Schedule				
MW - 20	06/25/20	<0.00100	<0.00100	<0.00100	<0.00500	
MW - 20	08/18/20	Not Sampled on Current Sample Schedule				
MW - 20	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200	
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 - 20	03/04/22	Not Sampled on Current Sample Schedule				
MW - 20	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	08/23/22	Not Sampled on Current Sample Schedule				
MW - 20	10/19/22	0.00160	<0.00100	0.00283	<0.00200	
MW - 21	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 21	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 21	12/01/04	<0.005	<0.005	<0.005	<0.005	
MW - 21	03/10/05	Not Sampled on Current Sample Schedule				
MW - 21	06/11/05	Not Sampled on Current Sample Schedule				
MW - 21	09/09/05	Not Sampled on Current Sample Schedule				
MW - 21	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/09/06	Not Sampled on Current Sample Schedule				
MW - 21	06/08/06	Not Sampled on Current Sample Schedule				
MW - 21	09/13/06	Not Sampled on Current Sample Schedule				
MW - 21	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/26/07	Not Sampled on Current Sample Schedule				
MW - 21	05/21/07	Not Sampled on Current Sample Schedule				
MW - 21	08/16/07	Not Sampled on Current Sample Schedule				
MW - 21	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/12/08	Not Sampled on Current Sample Schedule				
MW - 21	05/15/08	Not Sampled on Current Sample Schedule				
MW - 21	08/19/08	Not Sampled on Current Sample Schedule				
MW - 21	11/13/08	<0.001	<0.001	<0.001	<0.001	

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 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 - 21	02/11/09	Not Sampled on Current Sample Schedule				
MW - 21	05/13/09	Not Sampled on Current Sample Schedule				
MW - 21	08/11/09	Not Sampled on Current Sample Schedule				
MW - 21	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/10/10	Not Sampled on Current Sample Schedule				
MW - 21	05/25/10	Not Sampled on Current Sample Schedule				
MW - 21	08/12/10	Not Sampled on Current Sample Schedule				
MW - 21	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/22/11	Not Sampled on Current Sample Schedule				
MW - 21	05/17/11	Not Sampled on Current Sample Schedule				
MW - 21	08/11/11	Not Sampled on Current Sample Schedule				
MW - 21	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/01/12	Not Sampled on Current Sample Schedule				
MW - 21	05/23/12	Not Sampled on Current Sample Schedule				
MW - 21	08/09/12	Not Sampled on Current Sample Schedule				
MW - 21	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/12/13	Not Sampled on Current Sample Schedule				
MW - 21	05/15/13	Not Sampled on Current Sample Schedule				
MW - 21	08/07/13	Not Sampled on Current Sample Schedule				
MW - 21	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 21	02/10/14	Not Sampled on Current Sample Schedule				
MW - 21	05/22/14	Not Sampled on Current Sample Schedule				
MW - 21	08/13/14	Not Sampled on Current Sample Schedule				
MW - 21	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	02/17/15	Not Sampled on Current Sample Schedule				
MW - 21	05/14/15	Not Sampled on Current Sample Schedule				
MW - 21	08/04/15	Not Sampled on Current Sample Schedule				
MW - 21	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	02/22/16	Not Sampled on Current Sample Schedule				
MW - 21	05/25/16	Not Sampled on Current Sample Schedule				
MW - 21	08/19/16	Not Sampled on Current Sample Schedule				
MW - 21	11/21/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 21	02/28/17	Not Sampled on Current Sample Schedule				
MW - 21	05/18/17	Not Sampled on Current Sample Schedule				
MW - 21	08/15/17	Not Sampled on Current Sample Schedule				
MW - 21	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	02/19/18	Not Sampled on Current Sample Schedule				
MW - 21	05/16/18	Not Sampled on Current Sample Schedule				
MW - 21	08/14/18	Not Sampled on Current Sample Schedule				
MW - 21	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	

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 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 - 21	03/04/19	Not Sampled on Current Sample Schedule				
MW - 21	05/13/19	Not Sampled on Current Sample Schedule				
MW - 21	09/10/19	Not Sampled on Current Sample Schedule				
MW - 21	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	02/13/20	Not Sampled on Current Sample Schedule				
MW - 21	06/24/20	Not Sampled on Current Sample Schedule				
MW - 21	08/18/20	Not Sampled on Current Sample Schedule				
MW - 21	11/10/20	<0.00100	<0.00100	<0.00100	<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 - 21	03/04/22	Not Sampled on Current Sample Schedule				
MW - 21	06/01/22	Not Sampled on Current Sample Schedule				
MW - 21	08/23/22	Not Sampled on Current Sample Schedule				
MW - 21	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 22	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	02/26/03	0.0030	<0.001	<0.001	<0.001	<0.001
MW - 22	05/22/03	0.0070	<0.001	<0.001	<0.001	<0.001
MW - 22	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 22	03/10/05	Not Sampled on Current Sample Schedule				
MW - 22	06/11/05	<0.001	<0.001	<0.001	<0.001	
MW - 22	09/09/05	Not Sampled on Current Sample Schedule				
MW - 22	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 22	03/09/06	Not Sampled on Current Sample Schedule				
MW - 22	06/08/06	Not Sampled on Current Sample Schedule				
MW - 22	09/13/06	Not Sampled on Current Sample Schedule				
MW - 22	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/26/07	Not Sampled on Current Sample Schedule				
MW - 22	05/21/07	Not Sampled on Current Sample Schedule				
MW - 22	08/16/07	Not Sampled on Current Sample Schedule				
MW - 22	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/12/08	Not Sampled on Current Sample Schedule				
MW - 22	05/15/08	Not Sampled on Current Sample Schedule				

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 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 - 22	08/19/08	Not Sampled on Current Sample Schedule				
MW - 22	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/11/09	Not Sampled on Current Sample Schedule				
MW - 22	05/13/09	Not Sampled on Current Sample Schedule				
MW - 22	08/11/09	Not Sampled on Current Sample Schedule				
MW - 22	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/10/10	Not Sampled on Current Sample Schedule				
MW - 22	05/25/10	Not Sampled on Current Sample Schedule				
MW - 22	08/12/10	Not Sampled on Current Sample Schedule				
MW - 22	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/22/11	Not Sampled on Current Sample Schedule				
MW - 22	05/17/11	Not Sampled on Current Sample Schedule				
MW - 22	08/11/11	Not Sampled on Current Sample Schedule				
MW - 22	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 22	03/01/12	Not Sampled on Current Sample Schedule				
MW - 22	05/23/12	Not Sampled on Current Sample Schedule				
MW - 22	08/09/12	Not Sampled on Current Sample Schedule				
MW - 22	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/12/13	Not Sampled on Current Sample Schedule				
MW - 22	05/15/13	Not Sampled on Current Sample Schedule				
MW - 22	08/07/13	Not Sampled on Current Sample Schedule				
MW - 22	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 22	02/10/14	Not Sampled on Current Sample Schedule				
MW - 22	05/22/14	Not Sampled on Current Sample Schedule				
MW - 22	08/13/14	Not Sampled on Current Sample Schedule				
MW - 22	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	02/17/15	Not Sampled on Current Sample Schedule				
MW - 22	05/14/15	Not Sampled on Current Sample Schedule				
MW - 22	08/04/15	Not Sampled on Current Sample Schedule				
MW - 22	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	02/22/16	Not Sampled on Current Sample Schedule				
MW - 22	05/25/16	Not Sampled on Current Sample Schedule				
MW - 22	08/19/16	Not Sampled on Current Sample Schedule				
MW - 22	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 22	03/01/17	Not Sampled on Current Sample Schedule				
MW - 22	05/18/17	Not Sampled on Current Sample Schedule				
MW - 22	08/15/17	Not Sampled on Current Sample Schedule				
MW - 22	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 22	02/19/18	Not Sampled on Current Sample Schedule				
MW - 22	05/16/18	Not Sampled on Current Sample Schedule				

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 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 - 22	08/14/18	Not Sampled on Current Sample Schedule				
MW - 22	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 22	03/04/19	Not Sampled on Current Sample Schedule				
MW - 22	05/13/19	Not Sampled on Current Sample Schedule				
MW - 22	09/10/19	Not Sampled on Current Sample Schedule				
MW - 22	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 22	02/13/20	Not Sampled on Current Sample Schedule				
MW - 22	06/24/20	Not Sampled on Current Sample Schedule				
MW - 22	08/18/20	Not Sampled on Current Sample Schedule				
MW - 22	11/10/20	<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 - 22	03/04/22	Not Sampled on Current Sample Schedule				
MW - 22	06/01/22	Not Sampled on Current Sample Schedule				
MW - 22	08/23/22	Not Sampled on Current Sample Schedule				
MW - 22	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	06/07/02	0.3490	<0.001	0.1660	0.0020	<0.001
MW - 23	09/27/02	0.6080	<0.001	0.1350	0.0010	<0.001
MW - 23	12/05/02	0.2470	<0.001	0.0370	0.0020	0.0010
MW - 23	02/26/03	0.2440	<0.001	0.0070	<0.001	<0.001
MW - 23	05/22/03	0.1500	<0.001	0.0160	<0.001	<0.001
MW - 23	08/27/03	0.0400	<0.001	0.0040	<0.001	<0.001
MW - 23	11/25/03	0.0310	<0.001	<0.001	<0.002	<0.001
MW - 23	02/10/04	0.0540	<0.001	0.0010	<0.002	<0.001
MW - 23	05/10/04	0.0961	<0.001	0.0010	<0.002	<0.001
MW - 23	08/25/04	0.0110	<0.001	<0.001	<0.002	<0.001
MW - 23	12/01/04	0.0297	<0.001	<0.001	<0.001	
MW - 23	03/10/05	0.5160	0.0051	<0.005	0.0181	
MW - 23	06/11/05	0.5670	<0.005	<0.005	0.0081	
MW - 23	09/09/05	0.6770	<0.1	<0.1	<0.1	
MW - 23	12/05/05	0.9620	<0.02	0.0857	<0.02	
MW - 23	03/09/06	1.2600	<0.02	0.1180	0.0466	
MW - 23	06/08/06	1.2200	<0.02	0.0468	0.0233	
MW - 23	09/15/06	1.1900	<0.02	0.0206	<0.02	
MW - 23	11/29/06	1.1400	<0.01	0.0503	0.0670	
MW - 23	02/26/07	1.6000	<0.01	0.0703	0.0531	
MW - 23	05/21/07	1.2000	<0.01	0.0263	0.0424	

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 23	08/16/07	1.5400	<0.01	<0.01	<0.01	
MW - 23	11/07/07	2.3400	<0.01	<0.01	<0.01	
MW - 23	02/12/08	1.6900	<0.02	0.0524	0.0554	
MW - 23	05/15/08	1.6100	<0.01	0.0151	0.0495	
MW - 23	08/19/08	1.8800	<0.01	0.0301	0.0551	
MW - 23	11/13/08	1.2000	<0.0200	<0.0200	0.0628	
MW - 23	02/11/09	1.1500	<0.0200	<0.0200	0.0291	
MW - 23	05/13/09	1.0000	<0.0200	<0.0200	0.2590	
MW - 23	08/11/09	0.8280	<0.0200	<0.0200	<0.0200	
MW - 23	11/23/09	0.4880	<0.0200	<0.0200	<0.0200	
MW - 23	02/10/10	0.6340	<0.0200	<0.0200	<0.0200	
MW - 23	05/25/10	0.2730	0.0850	0.0820	0.2550	
MW - 23	08/12/10	0.3210	<0.0500	<0.0500	<0.0500	
MW - 23	11/17/10	0.3570	<0.0500	<0.0500	<0.0500	
MW - 23	02/22/11	0.2950	<0.0200	<0.0200	<0.0200	
MW - 23	05/17/11	0.3680	<0.0200	0.1160	<0.0200	
MW - 23	08/11/11	0.2850	<0.0200	<0.0200	<0.0200	
MW - 23	11/09/11	0.2210	<0.0200	<0.0200	<0.0200	
MW - 23	03/01/12	0.3890	<0.0200	<0.0200	<0.0200	
MW - 23	05/23/12	0.4730	<0.050	<0.050	<0.050	
MW - 23	08/09/12	0.4170	<0.01	<0.01	<0.01	
MW - 23	11/20/12	0.336	<0.002	<0.002	<0.002	
MW - 23	02/12/13	0.338	<0.01	<0.01	<0.01	
MW - 23	05/15/13	0.00440	<0.00100	<0.00100	<0.00100	
MW - 23	08/07/13	0.00450	<0.00100	<0.00100	<0.00100	
MW - 23	11/26/13	0.00260	<0.00100	<0.00100	<0.00300	
MW - 23	02/10/14	0.526	<0.0500	<0.050	<0.150	
MW - 23	05/22/14	0.411	<0.0500	<0.0500	<0.150	
MW - 23	08/13/14	0.546	<0.0500	<0.0500	<0.0500	
MW - 23	11/05/14	0.00460	<0.00100	<0.00100	<0.00100	
MW - 23	02/17/15	0.0514	<0.00100	<0.00100	<0.00100	
MW - 23	05/14/15	0.184	<0.00100	<0.00100	<0.00100	
MW - 23	08/04/15	0.399	<0.00100	<0.00100	<0.00100	
MW - 23	11/16/15	0.178	<0.00100	<0.00100	<0.00100	
MW - 23	02/22/16	0.112	<0.00100	<0.00100	<0.00100	
MW - 23	05/25/16	0.0571	<0.00100	<0.00100	<0.00100	
MW - 23	08/19/16	0.0529	<0.00100	<0.00100	<0.00100	
MW - 23	11/22/16	0.0125	<0.00200	<0.00200	<0.00200	
MW - 23	02/28/17	0.0150	<0.00150	<0.00200	<0.00200	
MW - 23	05/18/17	0.0295	<0.00200	<0.00200	<0.00400	

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 23	08/15/17	0.0209	<0.00200	<0.00200	<0.00400	
MW - 23	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	02/19/18	0.00518	<0.00200	<0.00200	<0.00400	
MW - 23	05/16/18	0.00886	<0.00200	<0.00200	<0.00400	
MW - 23	08/14/18	0.00367	<0.0100	<0.00500	<0.0200	
MW - 23	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 23	03/04/19	0.00222	<0.00100	<0.00100	<0.00200	
MW - 23	05/14/19	0.00190	<0.00100	<0.00100	<0.00200	
MW - 23	09/10/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	12/04/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	02/12/20	0.00208	<0.00100	<0.00100	<0.00200	
MW - 23	06/25/20	<0.00100	<0.00100	<0.00100	<0.00500	
MW - 23	08/19/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	11/10/20	<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 - 23	03/04/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	08/24/22	0.00102	<0.00100	<0.00100	<0.00200	
MW - 23	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	06/07/02	2.9400	0.0160	0.8530	0.3590	0.1760
MW - 24	09/27/02	5.7900	0.7420	1.3100	0.3110	0.1630
MW - 24	12/05/02	3.2600	0.4140	1.2200	0.2380	0.1220
MW - 24	02/26/03	3.1400	0.5400	0.9880	0.2280	0.1540
MW - 24	05/22/03	2.6000	0.3800	0.9260	0.2090	0.1400
MW - 24	08/27/03	2.6500	0.0950	0.8180	0.1320	0.0610
MW - 24	11/25/03	2.8300	0.0470	0.9960	0.1480	0.0360
MW - 24	02/10/04	1.5000	0.0300	0.4310	0.0770	0.0180
MW - 24	05/10/04	2.5100	0.0432	0.7140	0.1130	0.0272
MW - 24	08/25/04	0.5380	0.0038	0.1090	0.0800	0.0041
MW - 24	12/01/04	1.3000	<0.020	0.1960	0.0383	
MW - 24	03/10/05	1.8700	<0.1	0.2210	0.1160	
MW - 24	06/11/05	1.9000	<0.01	0.1090	0.0791	
MW - 24	09/09/05	2.3000	<0.1	0.1790	<0.1	
MW - 24	12/05/05	2.5100	<0.05	0.3200	<0.05	
MW - 24	03/09/06	2.9000	<0.02	0.5670	0.1820	
MW - 24	06/08/06	3.2300	<0.02	0.5710	0.1460	

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 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 - 24	09/15/06	2.9200	<0.02	0.5020	0.1000	
MW - 24	11/29/06	2.6400	<0.001	0.6160	0.2180	
MW - 24	02/26/07	3.0200	<0.02	0.6420	0.1530	
MW - 24	05/21/07	1.8900	<0.02	0.4540	0.0968	
MW - 24	08/16/07	2.7300	<0.02	0.3850	<0.02	
MW - 24	11/07/07	2.9200	<0.02	0.4690	0.1510	
MW - 24	02/12/08	2.6000	<0.02	0.3440	0.1310	
MW - 24	05/15/08	2.9200	<0.01	0.2830	0.1450	
MW - 24	08/19/08	2.7700	<0.01	0.3840	0.1440	
MW - 24	11/13/08	1.7500	<0.0200	0.2260	0.1020	
MW - 24	02/11/09	1.4600	<0.0200	0.1700	0.0833	
MW - 24	05/13/09	0.7330	<0.0200	0.1320	<0.0200	
MW - 24	08/11/09	1.0500	<0.0200	<0.0200	<0.0200	
MW - 24	11/23/09	1.1200	<0.0200	<0.0200	<0.0200	
MW - 24	02/10/10	0.9360	<0.0200	<0.0200	0.0846	
MW - 24	05/25/10	0.6930	0.0335	<0.02	0.0991	
MW - 24	08/12/10	1.4700	<0.0500	<0.0500	<0.0500	
MW - 24	11/17/10	1.8800	<0.0500	<0.0500	<0.0500	
MW - 24	02/22/11	2.5900	0.3380	<0.0500	1.1600	
MW - 24	05/17/11	2.9200	<0.0500	<0.0500	0.8390	
MW - 24	08/11/11	3.1000	<0.0500	0.3740	0.5480	
MW - 24	11/09/11	3.2600	<0.0500	0.3090	<0.0500	
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	
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	

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
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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 - 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	
MW - 24	03/03/22	8.72	0.0114	0.694	0.3102	
MW - 24	06/01/22	9.26	0.0125	0.823	0.2764	
MW - 24	08/24/22	8.77	0.0102	0.601	0.2591	
MW - 24	10/18/22	2.45	0.0186	0.824	0.3344	
MW - 25	06/07/02	0.8880	<0.005	0.4370	0.0050	<0.005
MW - 25	09/27/02	1.3300	0.0030	0.5080	0.0040	0.0030
MW - 25	12/05/02	0.7490	<0.001	0.1310	0.0050	0.0030
MW - 25	02/26/03	0.7950	0.0020	0.0430	0.0020	0.0030
MW - 25	05/22/03	0.6490	<0.001	0.0150	<0.001	0.0020
MW - 25	08/27/03	0.7360	<0.001	0.0200	<0.001	0.0020
MW - 25	11/25/03	0.7000	<0.001	0.0200	0.0040	0.0020
MW - 25	02/10/04	0.9030	<0.001	0.0490	0.0020	0.0020
MW - 25	05/10/04	0.7310	<0.001	0.0115	<0.002	<0.001
MW - 25	08/25/04	0.8670	<0.001	<0.001	<0.002	<0.001
MW - 25	12/01/04	0.4550	<0.0200	<0.0200	<0.020	
MW - 25	03/10/05	0.5420	<0.005	<0.005	<0.005	

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 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 - 25	06/11/05	0.4260	<0.005	<0.005	<0.005	
MW - 25	09/09/05	0.3970	<0.01	<0.01	<0.01	
MW - 25	12/05/05	0.3620	<0.01	<0.01	<0.01	
MW - 25	03/09/06	0.4170	<0.01	<0.01	<0.01	
MW - 25	06/08/06	0.2470	<0.02	<0.02	<0.02	
MW - 25	09/15/06	0.3320	<0.001	<0.001	<0.001	
MW - 25	11/29/06	0.2910	<0.001	<0.001	<0.001	
MW - 25	02/26/07	0.3820	<0.005	<0.005	<0.005	
MW - 25	05/21/07	0.4170	<0.005	<0.005	<0.005	
MW - 25	08/16/07	0.8330	<0.005	<0.005	<0.005	
MW - 25	11/07/07	0.9320	<0.005	<0.005	<0.005	
MW - 25	02/12/08	0.7500	<0.005	<0.005	0.0132	
MW - 25	05/15/08	0.6980	<0.0100	<0.0100	<0.0100	
MW - 25	08/19/08	0.7230	<0.00500	<0.00500	0.0154	
MW - 25	11/13/08	0.6240	<0.00500	<0.00500	<0.00500	
MW - 25	02/11/09	0.4420	0.0099	0.0196	0.0605	
MW - 25	05/13/09	0.5320	<0.005	<0.005	<0.005	
MW - 25	08/11/09	0.6000	<0.005	<0.005	<0.005	
MW - 25	11/23/09	0.4850	<0.005	<0.005	<0.005	
MW - 25	02/10/10	0.5020	<0.005	<0.005	<0.005	
MW - 25	05/25/10	0.2480	<0.005	<0.005	<0.005	
MW - 25	08/12/10	0.5730	<0.0500	<0.0500	<0.005	
MW - 25	11/17/10	0.7400	<0.0500	<0.0500	<0.0500	
MW - 25	02/22/11	0.9320	<0.0500	<0.0500	<0.0500	
MW - 25	05/17/11	0.9820	<0.0500	<0.0500	<0.0500	
MW - 25	08/11/11	0.6830	<0.0500	<0.0500	<0.0500	
MW - 25	11/09/11	0.4900	<0.0500	<0.0500	<0.0500	
MW - 25	03/01/12	0.9170	<0.0500	<0.0500	<0.0500	
MW - 25	05/23/12	0.8220	<0.0500	<0.0500	<0.0500	
MW - 25	08/09/12	0.0129	<0.001	0.0010	0.0020	
MW - 25	11/20/12	0.662	<0.01	<0.01	<0.01	
MW - 25	02/12/13	0.674	<0.0100	<0.0100	<0.0100	
MW - 25	05/15/13	0.204	<0.00100	<0.00100	0.00460	
MW - 25	08/13/13	0.634	<0.0500	<0.0500	<0.0500	
MW - 25	11/26/13	Dry				
MW - 25	12/30/13	0.755	<0.0500	<0.0500	<0.150	
MW - 25	02/10/14	0.144	<0.0500	<0.0500	<0.150	
MW - 25	05/22/14	0.457	<0.0500	<0.0500	<0.150	
MW - 25	08/13/14	0.328	<0.0500	<0.0500	<0.0500	
MW - 25	11/05/14	0.0653	<0.00100	<0.00100	<0.00100	

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 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 - 25	02/17/15	0.125	<0.00100	<0.00100	<0.00100	
MW - 25	05/14/15	0.168	<0.0500	<0.0500	<0.0500	
MW - 25	08/04/15	0.387	<0.00100	<0.00100	<0.00100	
MW - 25	11/16/15	0.188	<0.00100	<0.00100	<0.00100	
MW - 25	02/22/16	0.958	<0.0500	<0.0500	<0.0500	
MW - 25	05/25/16	0.411	<0.0500	<0.0500	<0.0500	
MW - 25	08/25/16	0.376	<0.0500	<0.0500	<0.0500	
MW - 25	11/22/16	0.243	<0.00200	<0.00200	<0.00200	
MW - 25	03/01/17	0.304	0.0945	<0.100	0.136	
MW - 25	05/18/17	0.609	0.00238	0.0114	<0.00400	
MW - 25	08/15/17	0.398	<0.00200	0.00113	<0.00400	
MW - 25	11/15/17	0.0763	<0.00100	<0.00100	<0.00200	
MW - 25	02/20/18	0.279	<0.00200	<0.00200	<0.00400	
MW - 25	05/16/18	0.138	<0.00200	<0.00200	<0.00400	
MW - 25	08/14/18	0.306	<0.0100	<0.00500	<0.0200	
MW - 25	11/29/18	0.0470	<0.0100	<0.00500	<0.0200	
MW - 25	03/04/19	0.133	<0.00100	<0.00100	<0.00200	
MW - 25	05/14/19	0.326	0.00112	0.00465	0.00618	
MW - 25	09/11/19	0.166	<0.00100	<0.00100	<0.00200	
MW - 25	12/04/19	0.784	<0.00100	0.00319	<0.00200	
MW - 25	02/13/20	0.935	<0.00100	<0.00100	<0.00200	
MW - 25	06/25/20	0.201	<0.00100	0.0228	<0.0500	
MW - 25	08/19/20	0.192	<0.00100	<0.00100	<0.00200	
MW - 25	11/11/20	0.536	<0.00100	<0.00100	<0.00200	
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 - 25	03/04/22	0.409	<0.00100	<0.00100	<0.00200	
MW - 25	06/02/22	1.45	0.00122	<0.00100	<0.00200	
MW - 25	08/24/22	0.0641	<0.00100	<0.00100	<0.00200	
MW - 25	10/19/22	0.0129	<0.00100	<0.00100	<0.00200	
MW - 26	06/07/02	0.0010	<0.001	0.0010	0.0010	<0.001
MW - 26	09/27/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 26	12/05/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 26	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 26	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 26	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 26	11/25/03	0.0010	<0.001	<0.001	<0.002	<0.001

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 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 - 26	02/10/04	0.0080	<0.001	0.0070	<0.002	<0.001
MW - 26	12/01/04	0.0016	<0.001	<0.001	<0.001	
MW - 26	03/10/05	Not Sampled on Current Sample Schedule				
MW - 26	06/11/05	0.0013	<0.001	<0.001	<0.001	<0.001
MW - 26	09/09/05	Not Sampled on Current Sample Schedule				
MW - 26	12/05/05	<0.005	<0.005	<0.005	<0.005	
MW - 26	03/09/06	Not Sampled on Current Sample Schedule				
MW - 26	06/08/06	Not Sampled on Current Sample Schedule				
MW - 26	09/13/06	Not Sampled on Current Sample Schedule				
MW - 26	11/29/06	0.0412	<0.001	0.0025	<0.001	
MW - 26	02/26/07	Not Sampled on Current Sample Schedule				
MW - 26	05/21/07	Not Sampled on Current Sample Schedule				
MW - 26	08/16/07	Not Sampled on Current Sample Schedule				
MW - 26	11/07/07	0.1200	<0.001	0.0107	0.0092	
MW - 26	02/12/08	0.0983	<0.001	0.0086	0.0050	
MW - 26	05/15/08	0.0949	<0.001	0.0082	<0.001	
MW - 26	08/18/08	0.0659	<0.005	0.0086	<0.005	
MW - 26	11/13/08	0.0673	<0.001	0.0117	0.0182	
MW - 26	02/11/09	0.0406	<0.001	0.0071	0.0032	
MW - 26	05/13/09	0.0172	<0.001	0.0166	<0.001	
MW - 26	08/11/09	0.0124	<0.001	0.0088	<0.001	
MW - 26	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 26	02/10/10	0.0026	<0.001	0.0053	<0.001	
MW - 26	05/25/10	0.0025	<0.001	<0.001	<0.001	
MW - 26	08/12/10	0.0013	<0.001	0.0017	0.0015	
MW - 26	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 26	02/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 26	05/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 26	08/11/11	<0.001	<0.001	<0.001	<0.001	
MW - 26	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 26	03/01/12	<0.001	<0.001	<0.001	<0.001	
MW - 26	05/23/12	0.0010	<0.001	<0.001	<0.001	
MW - 26	08/09/12	0.0010	<0.001	0.0045	0.0074	
MW - 26	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 26	02/12/13	Not Sampled on Current Sample Schedule				
MW - 26	05/15/13	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 26	08/13/13	Not Sampled on Current Sample Schedule				
MW - 26	11/26/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 26	02/10/14	Not Sampled on Current Sample Schedule				
MW - 26	05/22/14	<0.00100	<0.00100	<0.00100	<0.00300	

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 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 - 26	08/13/14	Not Sampled on Current Sample Schedule				
MW - 26	11/05/14	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 26	02/17/15	Not Sampled on Current Sample Schedule				
MW - 26	05/14/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 26	08/04/15	Not Sampled on Current Sample Schedule				
MW - 26	11/16/15	0.0360	<0.00100	0.00280	<0.00100	
MW - 26	02/10/16	Not Sampled on Current Sample Schedule				
MW - 26	05/25/16	0.0408	<0.00100	0.00150	<0.00100	
MW - 26	08/19/16	Not Sampled on Current Sample Schedule				
MW - 26	11/22/16	0.303	<0.00200	<0.00200	<0.00200	
MW - 26	03/01/17	Not Sampled on Current Sample Schedule				
MW - 26	05/18/17	1.39	0.00923	0.0228	0.00928	
MW - 26	08/15/17	1.15	<0.0200	0.0339	<0.0400	
MW - 26	11/15/17	0.596	<0.00100	0.0176	0.01224	
MW - 26	02/20/18	Not Sampled on Current Sample Schedule				
MW - 26	05/16/18	0.660	<0.0400	<0.0400	<0.0800	
MW - 26	08/14/18	0.734	<0.0100	<0.00500	<0.0200	
MW - 26	11/29/18	1.08	<0.0100	<0.00500	<0.0200	
MW - 26	03/05/19	1.30	<0.00100	0.00728	0.01065	
MW - 26	05/14/19	1.76	<0.0100	<0.0100	<0.0200	
MW - 26	09/11/19	0.935	<0.00100	<0.00100	0.00204	
MW - 26	12/04/19	1.45	<0.00100	0.00108	<0.00200	
MW - 26	02/13/20	1.61	0.00140	0.00125	<0.00200	
MW - 26	06/25/20	1.11	<0.00100	0.00172	<0.00500	
MW - 26	08/19/20	0.358	0.00308	<0.00100	<0.00200	
MW - 26	11/11/20	0.383	0.00371	0.00156	<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	
MW - 26	03/04/22	0.676	0.0103	0.0156	0.0441	
MW - 26	06/02/22	0.352	0.00134	<0.00100	<0.00200	
MW - 26	08/24/22	0.308	0.00118	<0.00100	<0.00200	
MW - 26	10/19/22	0.164	<0.00100	<0.00100	<0.00200	
MW - 27	06/07/02	0.0020	0.0020	0.0030	0.0040	0.0020
MW - 27	09/27/02	0.0010	<0.001	0.0010	<0.001	<0.001
MW - 27	12/05/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	02/26/03	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 27	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 27	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	11/25/03	0.0010	<0.001	<0.001	<0.002	<0.001
MW - 27	02/10/04	0.0210	<0.001	0.0030	<0.002	<0.001
MW - 27	05/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 27	08/25/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 27	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 27	03/10/05	<0.005	<0.005	<0.005	<0.005	
MW - 27	06/10/05	<0.001	<0.001	<0.001	<0.001	
MW - 27	09/09/05	<0.001	<0.001	<0.001	<0.001	
MW - 27	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 27	03/09/06	<0.005	<0.005	<0.005	<0.005	
MW - 27	06/08/06	<0.001	<0.001	<0.001	<0.001	
MW - 27	09/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 27	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 27	02/26/07	<0.001	<0.001	<0.001	0.0027	
MW - 27	05/21/07	<0.001	<0.001	<0.001	<0.001	
MW - 27	08/16/07	<0.001	<0.001	<0.001	<0.001	
MW - 27	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 27	02/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 27	05/15/08	<0.001	<0.001	<0.001	0.0013	
MW - 27	08/18/08	<0.001	<0.001	<0.001	0.0013	
MW - 27	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 27	02/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 27	05/13/09	<0.001	<0.001	<0.001	<0.001	
MW - 27	08/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 27	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 27	02/10/10	<0.001	<0.001	<0.001	<0.001	
MW - 27	05/25/10	<0.001	<0.001	<0.001	<0.001	
MW - 27	08/12/10	<0.001	<0.001	<0.001	0.0018	
MW - 27	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 27	02/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 27	05/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 27	08/11/11	<0.001	<0.001	<0.001	<0.001	
MW - 27	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 27	03/01/12	<0.001	<0.001	<0.001	<0.001	
MW - 27	05/23/12	<0.001	<0.001	<0.001	<0.001	
MW - 27	08/09/12	<0.001	<0.001	<0.001	0.0030	
MW - 27	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 27	02/12/13	Not Sampled on Current Sample Schedule				
MW - 27	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100	

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 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 - 27	08/13/13	Not Sampled on Current Sample Schedule				
MW - 27	11/26/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 27	02/10/14	Not Sampled on Current Sample Schedule				
MW - 27	05/22/14	<0.00100	0.00600	<0.00100	0.00380	
MW - 27	08/13/14	Not Sampled on Current Sample Schedule				
MW - 27	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 27	02/17/15	Not Sampled on Current Sample Schedule				
MW - 27	05/14/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 27	08/04/15	Not Sampled on Current Sample Schedule				
MW - 27	11/16/15	0.00160	<0.00100	0.00230	0.00180	
MW - 27	02/10/16	Not Sampled on Current Sample Schedule				
MW - 27	05/25/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 27	08/19/16	Not Sampled on Current Sample Schedule				
MW - 27	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 27	02/28/17	Not Sampled on Current Sample Schedule				
MW - 27	05/18/17	0.00463	<0.00200	<0.00200	<0.00400	
MW - 27	08/15/17	Not Sampled on Current Sample Schedule				
MW - 27	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	02/20/18	Not Sampled on Current Sample Schedule				
MW - 27	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 27	08/14/18	Not Sampled on Current Sample Schedule				
MW - 27	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 27	03/04/19	Not Sampled on Current Sample Schedule				
MW - 27	05/13/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	09/10/19	Not Sampled on Current Sample Schedule				
MW - 27	12/04/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	02/13/20	Not Sampled on Current Sample Schedule				
MW - 27	06/24/20	<0.00100	<0.00100	<0.00100	<0.00500	
MW - 27	08/18/20	Not Sampled on Current Sample Schedule				
MW - 27	11/10/20	<0.00100	<0.00100	<0.00100	<0.00200	
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 - 27	03/04/22	Not Sampled on Current Sample Schedule				
MW - 27	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	08/23/22	Not Sampled on Current Sample Schedule				
MW - 27	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	06/07/02	<0.001	<0.001	0.0010	0.0020	<0.001

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 28	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 28	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 28	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 28	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 28	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 28	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 28	02/10/04	0.0010	<0.001	<0.001	<0.002	<0.001
MW - 28	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 28	03/10/05	Not Sampled on Current Sample Schedule				
MW - 28	06/11/05	<0.001	<0.001	<0.001	<0.001	
MW - 28	09/09/05	Not Sampled on Current Sample Schedule				
MW - 28	12/05/05	0.0445	<0.001	<0.001	<0.001	
MW - 28	03/09/06	Not Sampled on Current Sample Schedule				
MW - 28	06/08/06	<0.001	<0.001	<0.001	<0.001	
MW - 28	09/13/06	Not Sampled on Current Sample Schedule				
MW - 28	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 28	02/26/07	Not Sampled on Current Sample Schedule				
MW - 28	05/21/07	<0.001	<0.001	<0.001	<0.001	
MW - 28	08/16/07	Not Sampled on Current Sample Schedule				
MW - 28	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 28	02/12/08	Not Sampled on Current Sample Schedule				
MW - 28	05/15/08	<0.001	<0.001	<0.001	<0.001	
MW - 28	08/18/08	Not Sampled on Current Sample Schedule				
MW - 28	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 28	02/11/09	Not Sampled on Current Sample Schedule				
MW - 28	05/13/09	<0.001	<0.001	<0.001	<0.001	
MW - 28	08/11/09	Not Sampled on Current Sample Schedule				
MW - 28	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 28	02/10/10	Not Sampled on Current Sample Schedule				
MW - 28	05/25/10	<0.001	<0.001	<0.001	<0.001	
MW - 28	08/12/10	Not Sampled on Current Sample Schedule				
MW - 28	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 28	02/22/11	Not Sampled on Current Sample Schedule				
MW - 28	05/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 28	08/11/11	Not Sampled on Current Sample Schedule				
MW - 28	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 28	03/01/12	Not Sampled on Current Sample Schedule				
MW - 28	05/23/12	<0.001	<0.001	<0.001	<0.001	
MW - 28	08/09/12	Not Sampled on Current Sample Schedule				
MW - 28	11/20/12	<0.001	<0.001	<0.001	<0.001	

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 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 - 28	02/12/13	Not Sampled on Current Sample Schedule				
MW - 28	05/15/13	Not Sampled on Current Sample Schedule				
MW - 28	08/13/13	Not Sampled on Current Sample Schedule				
MW - 28	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 28	02/10/14	Not Sampled on Current Sample Schedule				
MW - 28	05/22/14	Not Sampled on Current Sample Schedule				
MW - 28	08/13/14	Not Sampled on Current Sample Schedule				
MW - 28	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 28	02/17/15	Not Sampled on Current Sample Schedule				
MW - 28	05/14/15	Not Sampled on Current Sample Schedule				
MW - 28	08/04/15	Not Sampled on Current Sample Schedule				
MW - 28	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 28	02/10/16	Not Sampled on Current Sample Schedule				
MW - 28	05/25/16	Not Sampled on Current Sample Schedule				
MW - 28	08/19/16	Not Sampled on Current Sample Schedule				
MW - 28	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 28	02/28/17	Not Sampled on Current Sample Schedule				
MW - 28	05/18/17	Not Sampled on Current Sample Schedule				
MW - 28	08/15/17	Not Sampled on Current Sample Schedule				
MW - 28	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	02/20/18	Not Sampled on Current Sample Schedule				
MW - 28	05/16/18	Not Sampled on Current Sample Schedule				
MW - 28	08/14/18	Not Sampled on Current Sample Schedule				
MW - 28	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 28	03/04/19	Not Sampled on Current Sample Schedule				
MW - 28	05/13/19	Not Sampled on Current Sample Schedule				
MW - 28	09/10/19	Not Sampled on Current Sample Schedule				
MW - 28	12/03/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	02/13/20	Not Sampled on Current Sample Schedule				
MW - 28	06/24/20	Not Sampled on Current Sample Schedule				
MW - 28	08/18/20	Not Sampled on Current Sample Schedule				
MW - 28	11/10/20	<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 - 28	03/04/22	Not Sampled on Current Sample Schedule				
MW - 28	06/01/22	Not Sampled on Current Sample Schedule				
MW - 28	08/23/22	Not Sampled on Current Sample Schedule				
MW - 28	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	

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 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-29	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW-29	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW-29	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW-29	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW-29	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW-29	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW-29	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW-29	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW-29	12/01/04	<0.001	<0.001	<0.001	<0.001		
MW-29	03/10/05	Not Sampled on Current Sample Schedule					
MW-29	06/10/05	<0.005	<0.005	<0.005	<0.005		
MW-29	09/09/05	Not Sampled on Current Sample Schedule					
MW-29	09/13/05	Plugged and Abandoned					
MW - 30	06/07/02	<0.001	0.0010	<0.001	<0.001	<0.001	
MW - 30	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 30	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 30	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 30	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 30	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 30	12/01/04	<0.001	<0.001	<0.001	<0.001		
MW - 30	03/10/05	Not Sampled on Current Sample Schedule					
MW - 30	06/11/05	<0.001	<0.001	<0.001	<0.001		
MW - 30	09/09/05	Not Sampled on Current Sample Schedule					
MW - 30	12/05/05	<0.001	<0.001	<0.001	<0.001		
MW - 30	03/09/06	Not Sampled on Current Sample Schedule					
MW - 30	06/08/06	<0.001	<0.001	<0.001	<0.001		
MW - 30	09/13/06	Not Sampled on Current Sample Schedule					
MW - 30	11/29/06	<0.001	<0.001	<0.001	<0.001		
MW - 30	02/26/07	Not Sampled on Current Sample Schedule					
MW - 30	05/21/07	<0.001	<0.001	<0.001	<0.001		
MW - 30	08/16/07	Not Sampled on Current Sample Schedule					
MW - 30	11/07/07	<0.001	<0.001	<0.001	<0.001		
MW - 30	02/12/08	Not Sampled on Current Sample Schedule					
MW - 30	05/15/08	<0.001	<0.001	<0.001	<0.001		
MW - 30	08/18/08	Not Sampled on Current Sample Schedule					
MW - 30	11/13/08	<0.001	<0.001	<0.001	<0.001		

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCDF REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
MW - 30	02/11/09	Not Sampled on Current Sample Schedule				
MW - 30	05/13/09	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/11/09	Not Sampled on Current Sample Schedule				
MW - 30	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/10/10	Not Sampled on Current Sample Schedule				
MW - 30	05/25/10	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/12/10	Not Sampled on Current Sample Schedule				
MW - 30	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/22/11	Not Sampled on Current Sample Schedule				
MW - 30	05/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/11/11	Not Sampled on Current Sample Schedule				
MW - 30	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/01/12	Not Sampled on Current Sample Schedule				
MW - 30	05/23/12	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/09/12	Not Sampled on Current Sample Schedule				
MW - 30	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/12/13	Not Sampled on Current Sample Schedule				
MW - 30	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	08/13/13	Not Sampled on Current Sample Schedule				
MW - 30	11/26/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 30	02/10/14	Not Sampled on Current Sample Schedule				
MW - 30	05/22/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 30	08/13/14	Not Sampled on Current Sample Schedule				
MW - 30	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	02/17/15	Not Sampled on Current Sample Schedule				
MW - 30	05/14/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	08/04/15	Not Sampled on Current Sample Schedule				
MW - 30	11/16/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	02/10/16	Not Sampled on Current Sample Schedule				
MW - 30	05/25/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	08/19/16	Not Sampled on Current Sample Schedule				
MW - 30	11/22/16	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 30	02/28/17	Not Sampled on Current Sample Schedule				
MW - 30	05/18/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 30	08/15/17	Not Sampled on Current Sample Schedule				
MW - 30	11/15/17	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 30	02/20/18	Not Sampled on Current Sample Schedule				
MW - 30	05/16/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 30	08/14/18	Not Sampled on Current Sample Schedule				
MW - 30	11/28/18	<0.00100	<0.0100	<0.00500	<0.0200	

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 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 - 30	03/04/19	Not Sampled on Current Sample Schedule				
MW - 30	05/13/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 30	09/10/19	Not Sampled on Current Sample Schedule				
MW - 30	12/04/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 30	02/13/20	Not Sampled on Current Sample Schedule				
MW - 30	06/24/20	<0.00100	<0.00100	<0.00100	<0.00500	
MW - 30	08/18/20	Not Sampled on Current Sample Schedule				
MW - 30	11/10/20	<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	
MW - 30	03/04/22	Not Sampled on Current Sample Schedule				
MW - 30	06/02/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 30	08/23/22	Not Sampled on Current Sample Schedule				
MW - 30	10/19/22	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 1	12/02/04	2.2100	0.6180	0.5560	0.4870	
RW - 1	03/10/05	2.2300	0.9230	0.8040	0.6250	
RW - 1	06/11/05	Not Sampled Due to PSH in Well				
RW - 1	09/09/05	Not Sampled Due to PSH in Well				
RW - 1	12/05/05	Not Sampled Due to PSH in Well				
RW - 1	03/09/06	Not Sampled Due to PSH in Well				
RW - 1	06/08/06	Not Sampled Due to PSH in Well				
RW - 1	09/13/06	Not Sampled Due to PSH in Well				
RW - 1	11/29/06	Not Sampled Due to PSH in Well				
RW - 1	02/26/07	1.4000	0.2060	0.8690	0.4360	
RW - 1	05/21/07	1.0400	0.2480	0.5380	0.2800	
RW - 1	08/16/07	1.5100	0.4450	0.9140	0.4230	
RW - 1	11/07/07	1.5900	0.6790	0.8360	0.5260	
RW - 1	02/12/08	0.6850	0.1090	0.2520	0.1480	
RW - 1	05/15/08	1.5000	0.3900	0.7840	0.4090	
RW - 1	08/19/08	1.3700	0.3630	0.5260	0.2870	
RW - 1	11/13/08	1.3300	0.4410	0.6060	0.3410	
RW - 1	02/11/09	1.3200	0.2820	0.5390	0.2700	
RW - 1	05/13/09	1.3700	0.3600	0.5970	0.3730	
RW - 1	08/11/09	1.8700	0.4860	0.7490	0.4420	
RW - 1	11/23/09	1.2700	0.3550	0.5160	0.2300	
RW - 1	02/10/10	1.3900	0.2780	0.5440	0.2920	
RW - 1	05/25/10	1.4500	0.2650	0.5110	0.2720	

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 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	
RW - 1	08/12/10	0.5610	<0.100	0.2000	0.1100	
RW - 1	11/17/10	1.3800	0.3960	0.6510	0.9500	
RW - 1	02/22/11	2.1200	0.9240	0.8210	3.7100	
RW - 1	05/17/11	1.9800	0.6830	<0.100	1.6400	
RW - 1	08/11/11	1.3600	0.4450	<0.100	0.9870	
RW - 1	11/09/11	0.5300	<0.100	<0.100	<0.100	
RW - 1	03/01/12	1.2100	<0.100	<0.100	<0.100	
RW - 1	05/23/12	0.8560	<0.100	0.2590	0.1700	
RW - 1	08/09/12	0.0056	<0.001	<0.001	0.0015	
RW - 1	11/20/12	0.336	<0.01	<0.01	0.0443	
RW - 1	02/12/13	0.254	<0.005	0.0470	<0.005	
RW - 1	05/15/13	0.599	<0.0500	0.0768	0.0610	
RW - 1	08/07/13	0.246	<0.0500	0.0298	<0.00500	
RW - 1	11/26/13	0.219	0.0024	0.0238	0.0244	
RW - 1	02/10/14	1.24	<0.0500	0.272	0.189	
RW - 1	05/22/14	0.456	<0.0500	0.0640	<0.150	
RW - 1	08/13/14	Not Sampled Due to PSH in Well				
RW - 1	11/05/14	0.280	<0.0500	0.108	0.0909	
RW - 1	02/17/15	0.255	<0.0500	0.0783	<0.0500	
RW - 1	05/14/15	0.444	<0.0500	0.194	0.404	
RW - 1	08/04/15	0.714	<0.0500	0.0608	0.125	
RW - 1	11/17/15	1.03	<0.0500	0.278	0.196	
RW - 1	02/10/16	1.04	<0.0500	0.264	0.256	
RW - 1	05/25/16	1.02	<0.0500	0.198	0.133	
RW - 1	08/19/16	0.652	<0.0500	0.0887	0.0548	
RW - 1	11/22/16	0.242	<0.00200	0.0532	0.0415	
RW - 1	03/01/17	0.359	0.00286	0.0486	0.0483	
RW - 1	05/18/17	1.15	0.0122	0.168	0.193	
RW - 1	08/15/17	1.82	0.0266	0.330	0.357	
RW - 1	11/16/17	1.72	0.0544	0.328	0.313	
RW - 1	11/16/17	0.488	0.00494	0.143	0.14260	
RW - 1	02/19/18	0.823	0.0230	0.180	0.234	
RW - 1	05/16/18	0.474	<0.0400	0.0758	0.1224	
RW - 1	08/14/18	0.731	<0.0500	0.122	<0.100	
RW - 1	11/29/18	0.937	<0.0500	0.320	0.356	
RW - 1	03/05/19	0.174	0.00130	0.0529	0.0553	
RW - 1	05/14/19	0.576	0.00780	0.141	0.1842	
RW - 1	09/11/19	0.227	0.00326	0.0944	0.1224	
RW - 1	12/04/19	0.280	0.00554	0.0954	0.1603	
RW - 1	02/13/20	0.275	0.0202	0.105	0.2056	

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 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	
RW - 1	06/25/20	0.975	0.0187	0.144	0.2395	
RW - 1	08/19/20	0.378	0.0143	0.145	0.1948	
RW - 1	11/11/20	0.466	0.00880	0.0840	0.1126	
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 - 1	03/04/22	0.771	0.0121	0.106	0.1900	
RW - 1	06/02/22	0.343	0.00272	0.0426	0.0718	
RW - 1	08/24/22	0.240	0.00472	0.00203	0.01644	
RW - 1	10/19/22	0.795	0.0110	0.136	0.2268	
RW - 2	12/02/04	1.1400	<0.200	0.3540	0.3700	
RW - 2	03/10/05	1.0800	<0.05	0.4160	0.3660	
RW - 2	06/11/05	Not Sampled Due to PSH in Well				
RW - 2	09/09/05	Not Sampled Due to PSH in Well				
RW - 2	12/05/05	Not Sampled Due to PSH in Well				
RW - 2	03/09/06	Not Sampled Due to PSH in Well				
RW - 2	06/08/06	Not Sampled Due to PSH in Well				
RW - 2	09/13/06	Not Sampled Due to PSH in Well				
RW - 2	11/29/06	0.7600	<0.005	0.0609	0.2030	
RW - 2	02/26/07	0.9370	<0.01	0.6000	0.3520	
RW - 2	05/21/07	1.0000	<0.01	0.6040	0.4780	
RW - 2	08/16/07	1.0600	<0.01	0.4980	0.3080	
RW - 2	11/07/07	1.8000	<0.01	0.8540	0.6360	
RW - 2	02/12/08	0.6260	0.0147	0.2600	0.1680	
RW - 2	05/15/08	1.2400	<0.0100	0.5540	0.3610	
RW - 2	08/19/08	1.3000	<0.0100	0.4660	0.2860	
RW - 2	11/13/08	1.0500	<0.0100	0.4600	0.2980	
RW - 2	02/11/09	1.1100	<0.0100	0.4950	0.3040	
RW - 2	05/13/09	1.0400	<0.0100	0.5140	0.3970	
RW - 2	08/11/09	1.2700	<0.0100	0.6210	0.4260	
RW - 2	11/23/09	0.9010	<0.0100	0.3580	0.1570	
RW - 2	02/10/10	0.9460	<0.0100	0.4560	0.2680	
RW - 2	05/25/10	0.9600	<0.0100	0.3750	0.2200	
RW - 2	08/12/10	0.5140	<0.100	0.3980	0.2580	
RW - 2	11/17/10	1.0000	<0.100	0.5390	<0.100	
RW - 2	02/22/11	1.4900	<0.100	1.0400	1.9900	
RW - 2	05/17/11	1.7000	<0.100	<0.100	<0.100	
RW - 2	08/11/11	1.4400	<0.100	<0.100	<0.100	

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 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	
RW - 2	11/09/11	0.2960	<0.100	<0.100	<0.100	
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	
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				

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 LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.01	0.75	0.75	0.62	
RW - 2	12/02/21	0.00622	<0.00100	<0.00100	<0.00200	
RW - 2	03/03/22	0.0372	<0.00100	0.00116	<0.00200	
RW - 2	06/01/22	0.0774	<0.00100	0.00698	0.00699	
RW - 2	08/24/22	0.482	0.00596	0.0985	0.07270	
RW - 2	10/18/22	0.0368	<0.00100	0.0201	0.0109	

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-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-1	10/18/22	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	0.0256	<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	0.00451	<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	0.00419	<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	0.00495	<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	0.0306	<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	
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	
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-2	10/18/22	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	0.00202	<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-3	10/19/22	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	<0.000200	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	<0.000200
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	0.0176
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	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	<0.0000218	0.000191	0.00301	<0.0000218	0.00546	<0.0000218	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	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	<0.000097	0.0046	<0.000097	0.0011	0.027	<0.000097	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-4	10/18/22	0.00018	0.00020	0.00056	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.0013	<0.00011	0.0035	<0.00011	0.102			-	
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 97-18
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-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-5	10/19/22	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-6	10/18/22	0.00045	0.00050	0.00047	0.00029	<0.00010	<0.00010	<0.00010	<0.00010	0.00029	<0.00010	0.00036	0.0016	<0.00010	0.0020	0.00030	0.0163		-	
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 97-18
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-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	<0.00011	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-7	10/19/22	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-8	10/19/22	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 97-18
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-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-9	10/19/22	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	<0.00098	0.00055	<0.00098	<0.00098	<0.00098	<0.00098	0.0026	<0.00098	0.00066	0.0059	<0.00098	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-10	10/19/22	0.00022	0.00025	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0019	<0.00010	0.0016	<0.00010		0.01473		-
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	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-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-11	10/19/22	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	<0.000183	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	<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-12	10/19/22	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	<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	<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-14	10/19/22	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-15	10/19/22	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 97-18
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-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-16	10/19/22	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	<0.000184	0.000306	<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	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218	<0.000218		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	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	<0.00096	0.0031	<0.00096	0.0030	<0.00096		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	<0.00010	<0.00010	<0.00010	0.0020	<0.00010	0.0025	<0.00010		0.0780		0.0035
MW-17	10/19/22	0.00022	0.00040	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0026	<0.00010	<0.00010			0.142		-
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

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-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	
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-18	10/19/22	0.00042	0.00064	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	0.0039	<0.00012	0.0027	<0.00012	0.04849		-	
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	0.000303	
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-20	10/19/22	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.																		

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	11/15/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/28/18	Not Sampled as part of Quarterly Monitoring Event.																		
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-21	10/19/22	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	<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	<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-22	10/19/22	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	<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.																		

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	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.																			
MW-23	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-23	10/19/22	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-24	10/18/22	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		
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.																			

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-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.																		
MW-25	10/19/22	Not Sampled as part of Quarterly Monitoring Event.																		
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-26	10/19/22	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.																		

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-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-27	10/19/22	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	
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	
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-28	10/19/22	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.																		

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-30	12/01/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	10/19/22	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	<0.00459	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	<0.000184	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	<0.000184	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	<0.000184	0.0135	<0.000184	0.0444	0.0785	0.0613	0.0101
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	<0.000200	0.061	0.145	0.393
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-1	10/19/22	0.00092	0.0018	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.013	<0.00011	<0.00011	<0.00011	0.214			-
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	<0.000200	0.141	0.0924
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 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
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-2	10/18/22	0.00025	0.00029	0.00015	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00077	<0.00010	0.00076	<0.00010	0.0177			-

TABLE 7

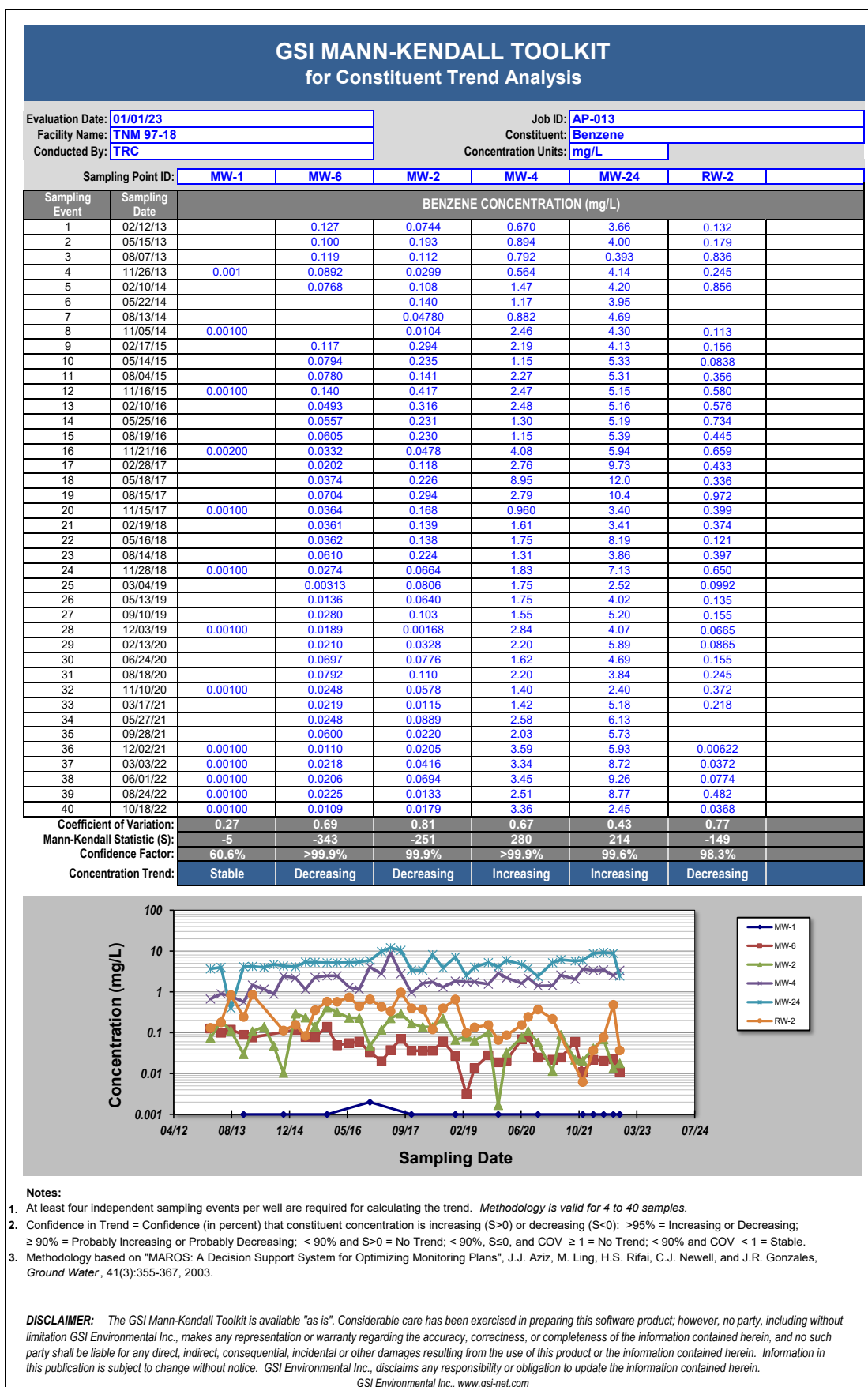


TABLE 8

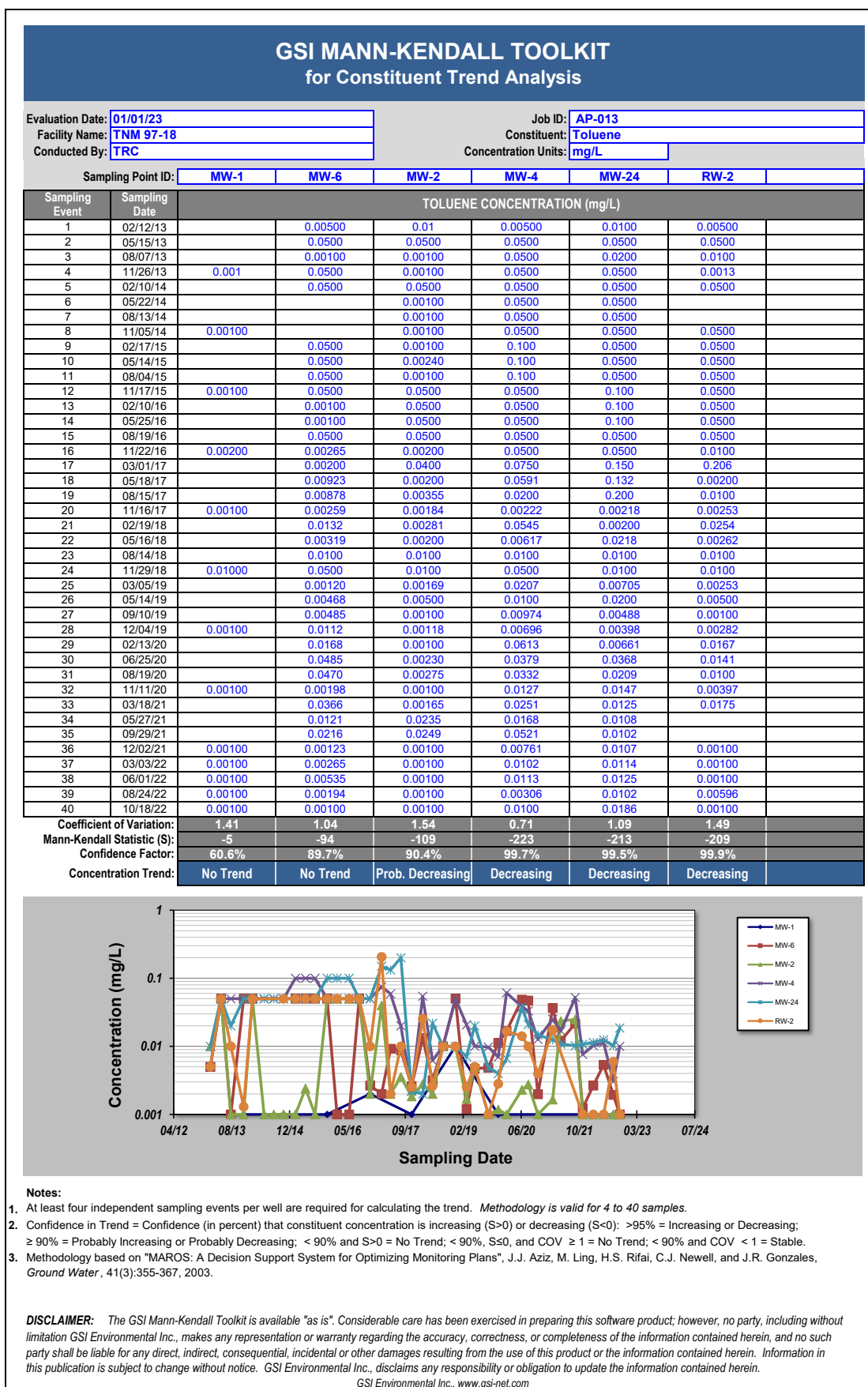


TABLE 9

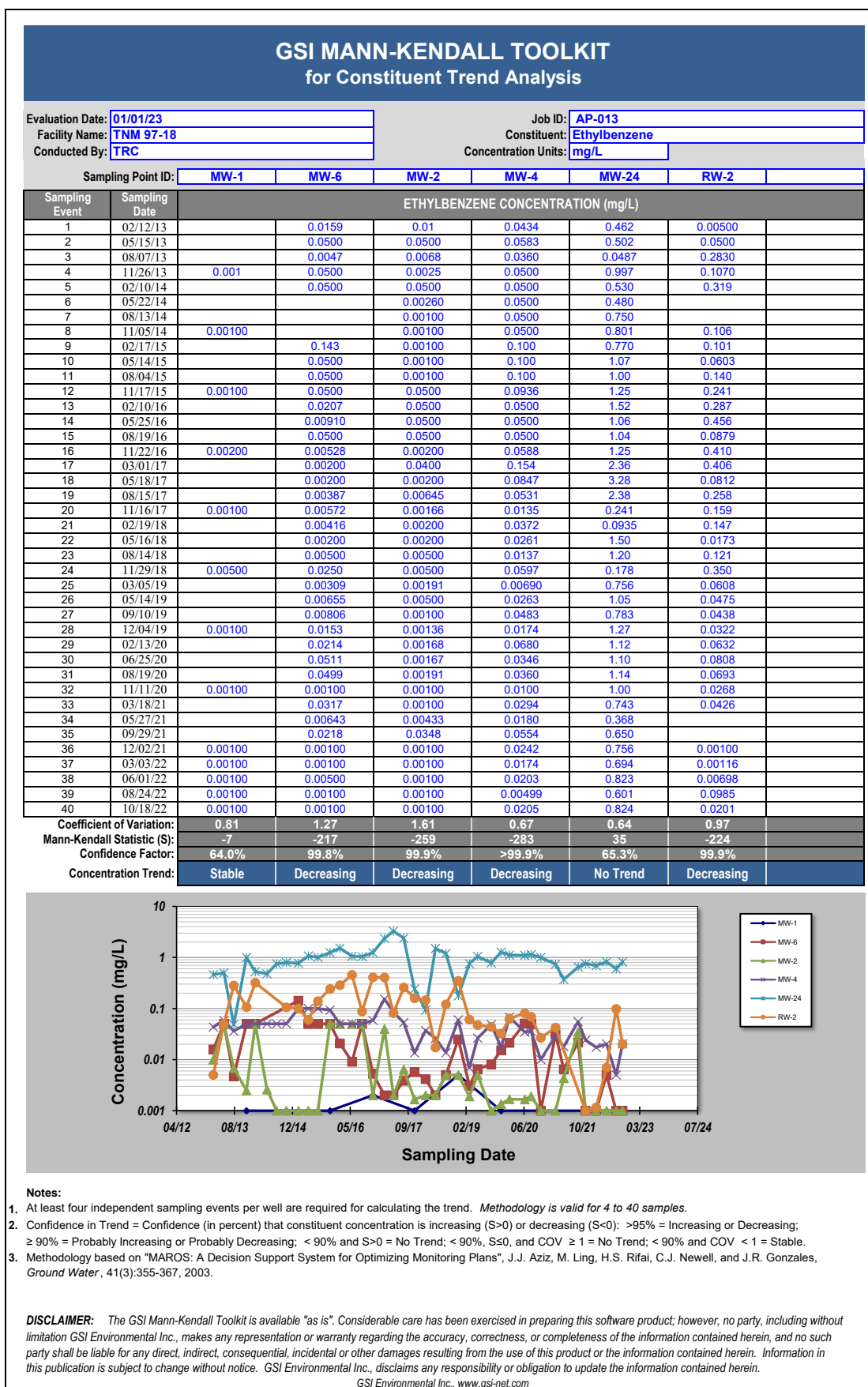


TABLE 10

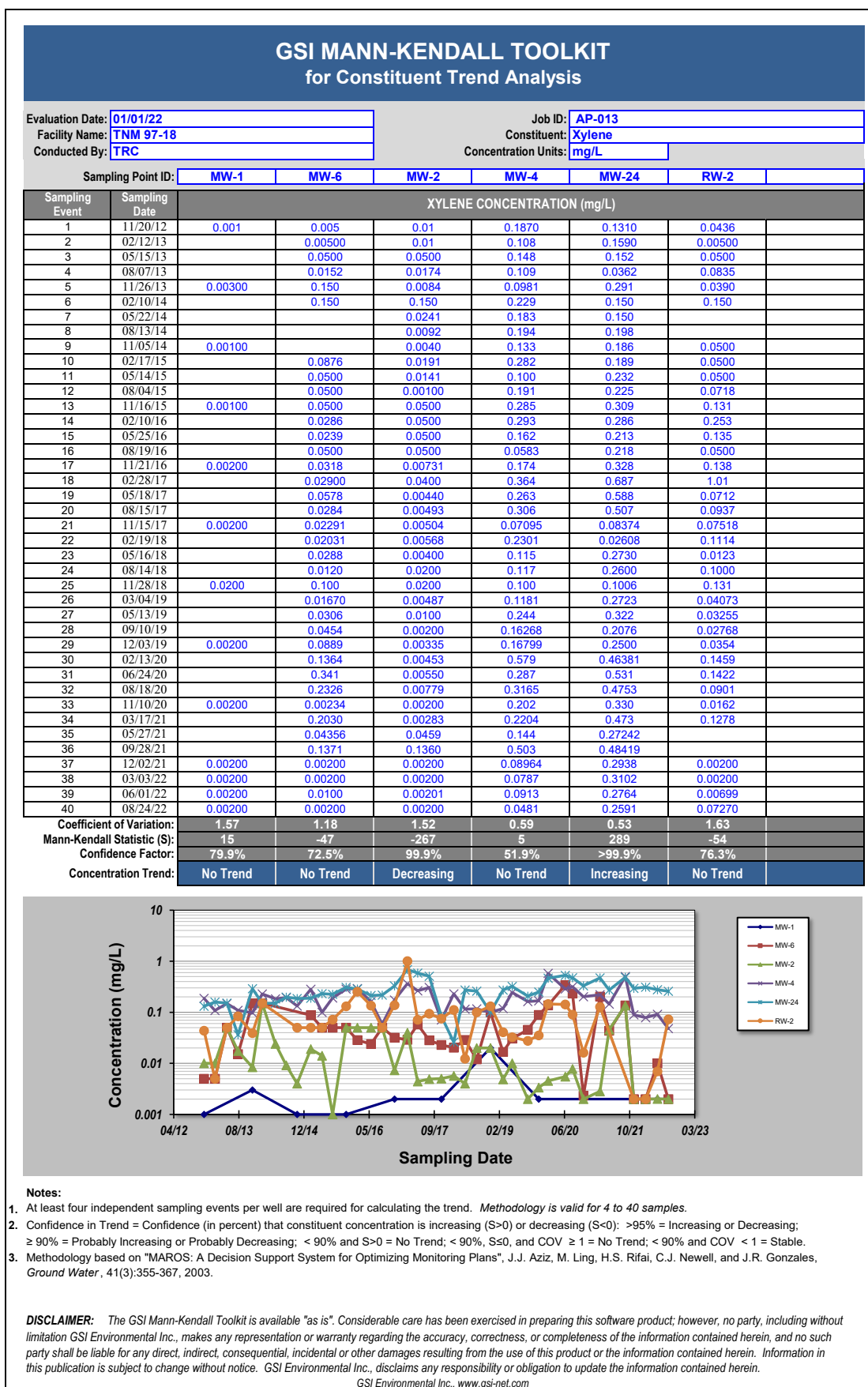
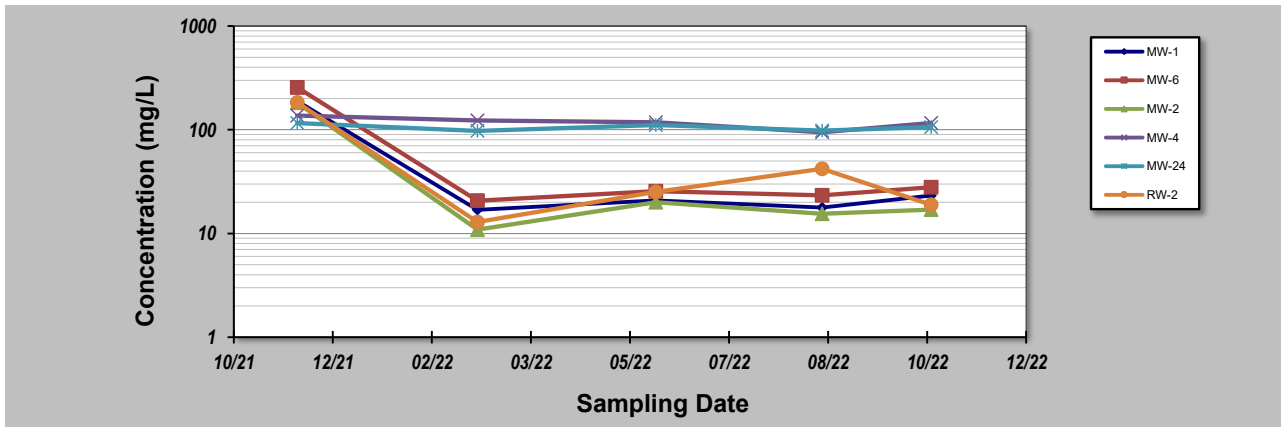


TABLE 11

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	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	06/01/22	20.8	25.6	20.0	118	111	25.2	
4	08/24/22	17.8	23.3	15.5	94.6	98.3	42.0	
5	10/18/22	23.2	27.9	17.0	116	106	18.9	
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Coefficient of Variation:	1.42	1.47	1.52	0.13	0.08	1.27		
Mann-Kendall Statistic (S):	0	0	-2	-8	-2	-2		
Confidence Factor:	40.8%	40.8%	59.2%	95.8%	59.2%	59.2%		
Concentration Trend:	No Trend	No Trend	No Trend	Decreasing	Stable	No 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.

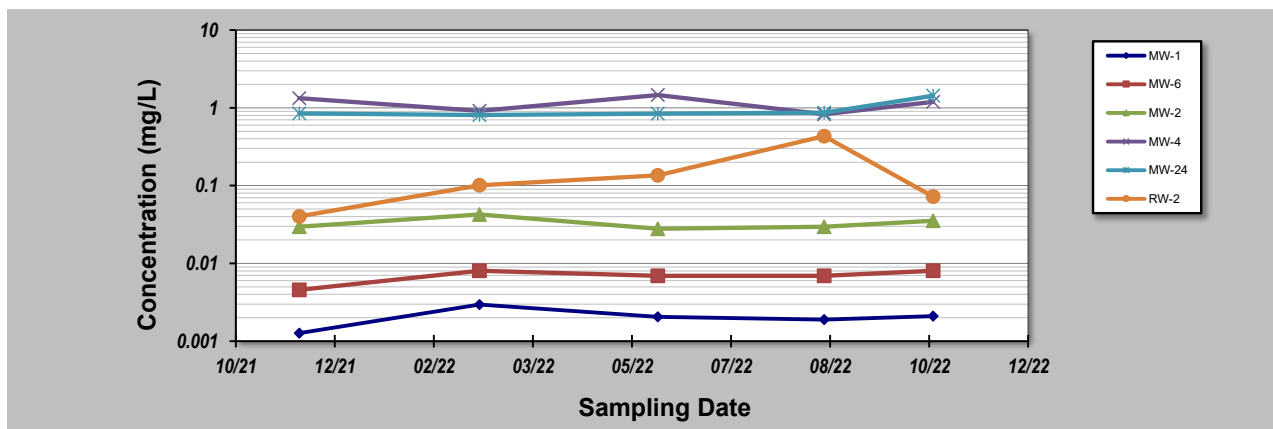
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TABLE 12

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			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	06/01/22	0.00205	0.00694	0.0279	1.46	0.840	0.135	
4	08/24/22	0.00189	0.00691	0.0295	0.827	0.863	0.433	
5	10/18/22	0.00210	0.00804	0.0353	1.19	1.43	0.0723	
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Coefficient of Variation:	0.29	0.20	0.18	0.24	0.28	1.01		
Mann-Kendall Statistic (S):	2	4	0	-2	6	4		
Confidence Factor:	59.2%	75.8%	40.8%	59.2%	88.3%	75.8%		
Concentration Trend:	No Trend	No Trend	Stable	Stable	No Trend	No 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.

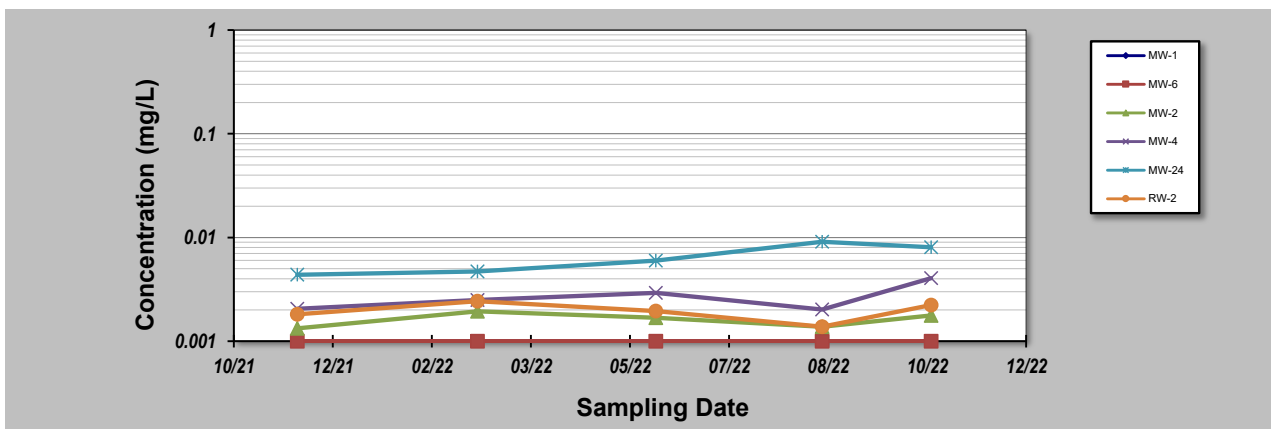
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TABLE 13

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			Job ID:	AP-013			
Facility Name:	TNM 97-18			Constituent:	Dissolved ethane (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 ETHANE (RSK-175) CONCENTRATION (mg/L)						
1	12/02/21	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	06/01/22	0.00100	0.00100	0.00168	0.00292	0.00599	0.00195	
4	08/24/22	0.00100	0.00100	0.00138	0.00202	0.00909	0.00138	
5	10/18/22	0.00100	0.00100	0.00177	0.00405	0.00805	0.00223	
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Coefficient of Variation:	0.00	0.00	0.16	0.31	0.32	0.21		
Mann-Kendall Statistic (S):	0	0	2	4	8	0		
Confidence Factor:	40.8%	40.8%	59.2%	75.8%	95.8%	40.8%		
Concentration Trend:	Stable	Stable	No Trend	No Trend	Increasing	Stable		

**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.

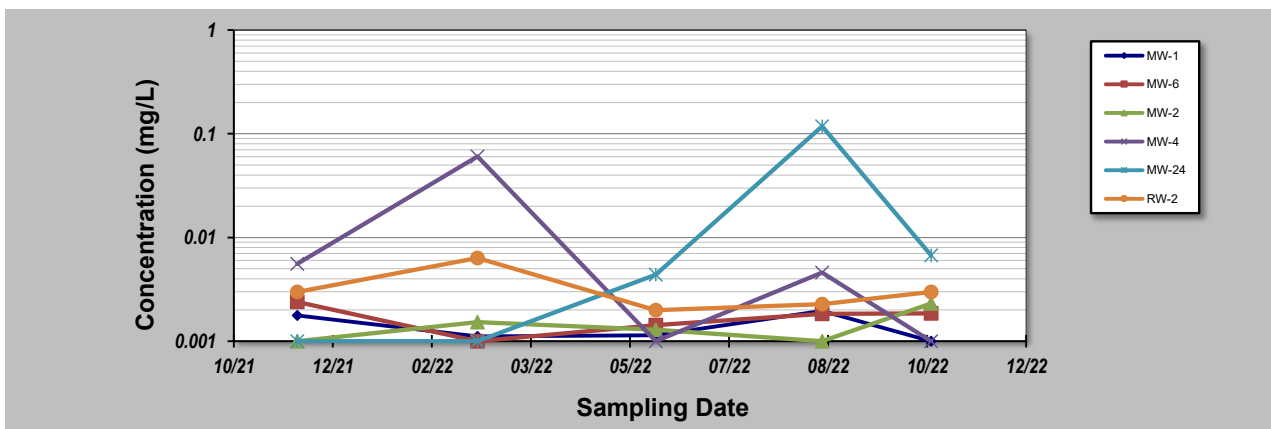
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TABLE 14

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			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	06/01/22	0.00114	0.00143	0.00129	0.00100	0.00438	0.00199	
4	08/24/22	0.00196	0.00184	0.00100	0.00458	0.118	0.00228	
5	10/18/22	0.00100	0.00185	0.00231	0.00100	0.00674	0.00299	
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Coefficient of Variation:		0.31	0.31	0.38	1.77	1.96	0.53	
Mann-Kendall Statistic (S):		-2	2	3	-5	7	-1	
Confidence Factor:		59.2%	59.2%	67.5%	82.1%	92.1%	50.0%	
Concentration Trend:		Stable	No Trend	No Trend	No Trend	Prob. Increasing	Stable	

**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.

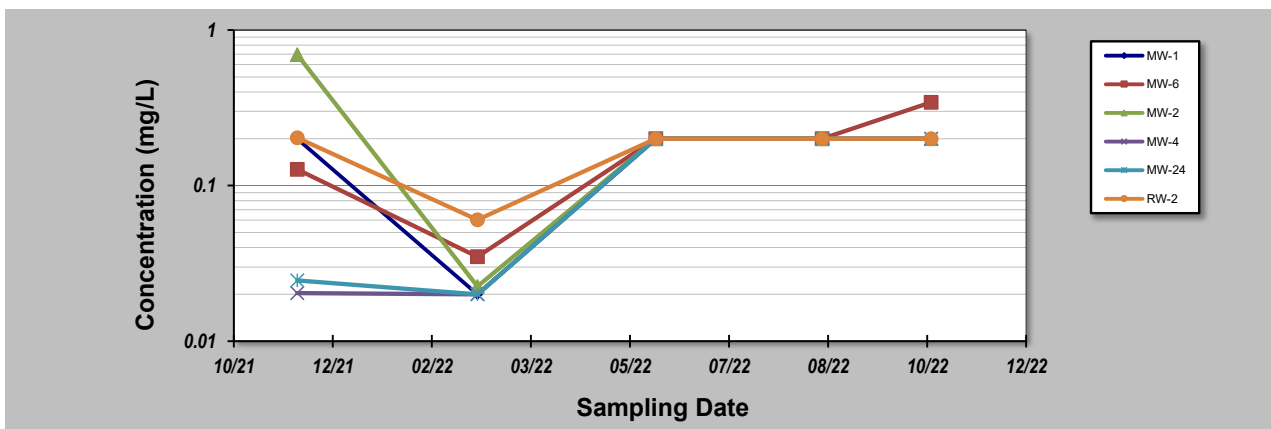
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TABLE 15

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			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	0.0200	0.0349	0.0225	0.0200	0.0200	0.0603	
3	06/01/22	0.200	0.200	0.200	0.200	0.200	0.200	
4	08/24/22	0.200	0.200	0.200	0.200	0.200	0.200	
5	10/18/22	0.200	0.343	0.200	0.200	0.200	0.200	
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Coefficient of Variation:		0.49	0.63	0.96	0.77	0.76	0.36	
Mann-Kendall Statistic (S):		2	7	-1	5	5	-1	
Confidence Factor:		59.2%	92.1%	50.0%	82.1%	82.1%	50.0%	
Concentration Trend:		No Trend	Prob. Increasing	Stable	No Trend	No Trend	Stable	

**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.

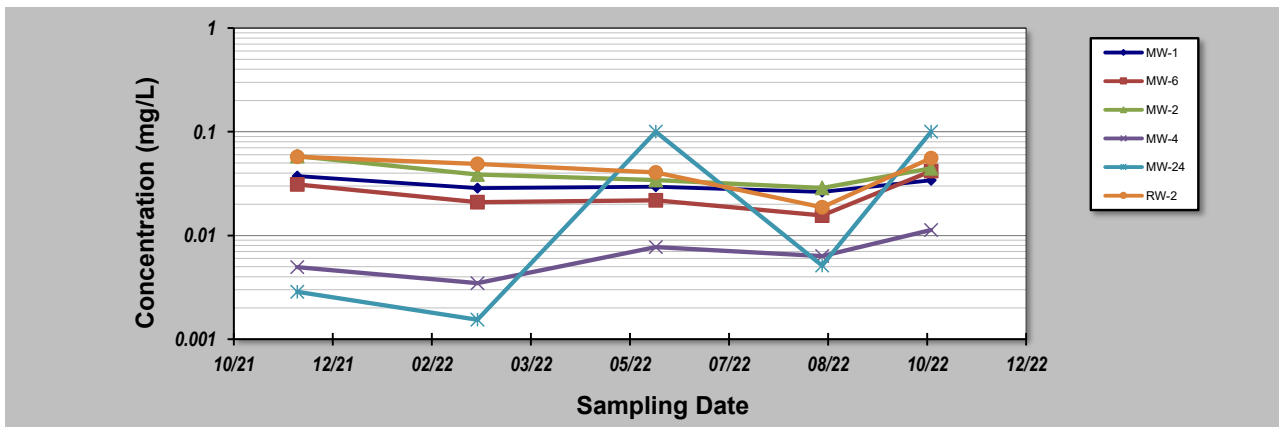
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TABLE 16

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	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	06/01/22	0.0295	0.0218	0.0342	0.00773	0.100	0.0405	
4	08/24/22	0.0263	0.0156	0.0287	0.00632	0.00513	0.0187	
5	10/18/22	0.0340	0.0417	0.0445	0.0113	0.100	0.0557	
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Coefficient of Variation:	0.14	0.39	0.28	0.44	1.27	0.36		
Mann-Kendall Statistic (S):	-2	0	-4	6	5	-4		
Confidence Factor:	59.2%	40.8%	75.8%	88.3%	82.1%	75.8%		
Concentration Trend:	Stable	Stable	Stable	No Trend	No Trend	Stable		

**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.

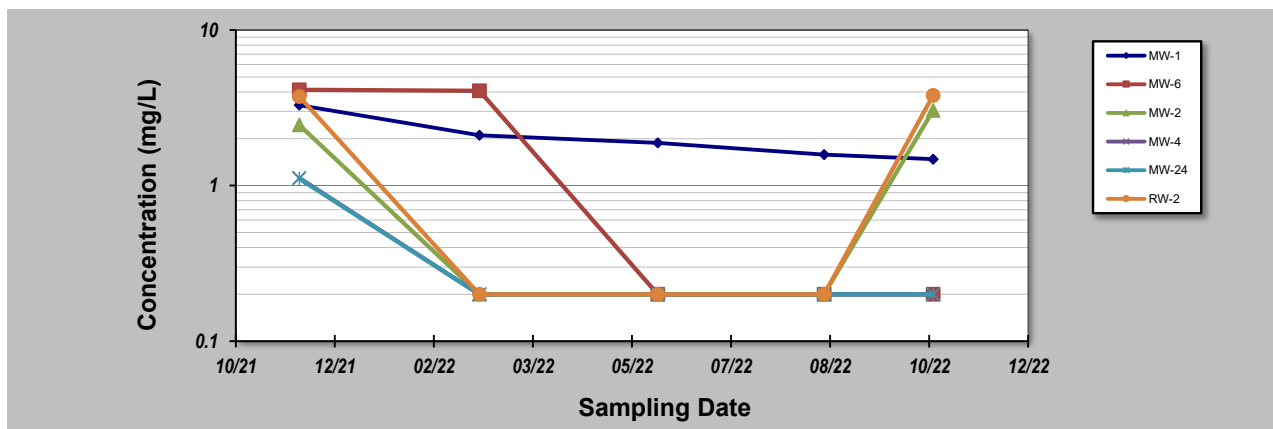
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TABLE 17

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			Job ID:	AP-013					
Facility Name:	TNM 97-18			Constituent:	Nitrate					
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	NITRATE CONCENTRATION (mg/L)								
1	12/02/21	3.29	4.13	2.46	1.12	1.11	3.73			
2	03/03/22	2.11	4.07	0.200	0.200	0.200	0.200			
3	06/01/22	1.88	0.200	0.200	0.200	0.200	0.200			
4	08/24/22	1.58	0.200	0.200	0.200	0.200	0.200			
5	10/18/22	1.48	0.200	3.04	0.200	0.200	3.80			
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Coefficient of Variation:		0.35	1.21	1.16	1.07	1.07	1.20			
Mann-Kendall Statistic (S):		-10	-7	1	-4	-4	1			
Confidence Factor:		99.2%	92.1%	50.0%	75.8%	75.8%	50.0%			
Concentration Trend:		Decreasing	Prob. Decreasing	No Trend	No Trend	No Trend	No 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.

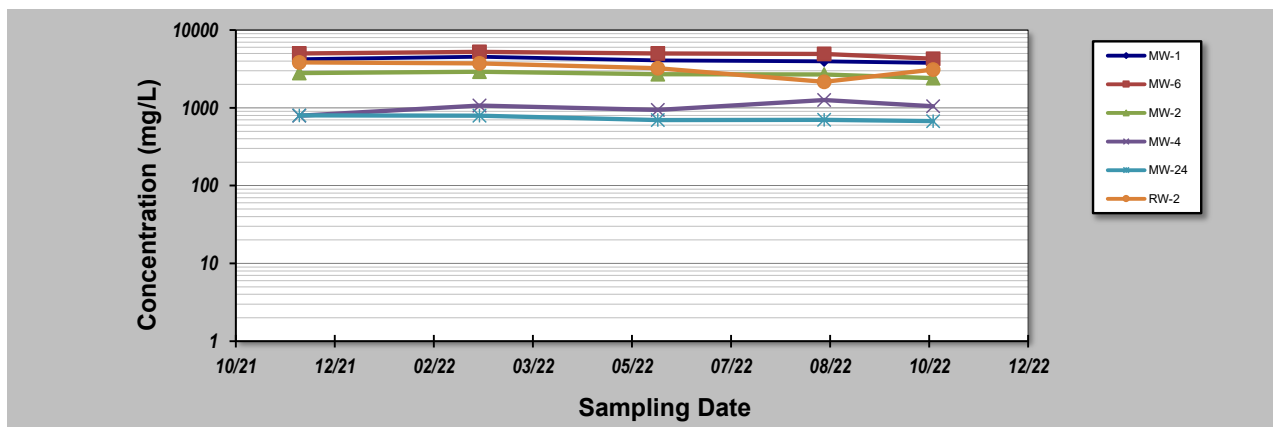
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TABLE 18

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			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	06/01/22	4080	4990	2700	938	696	3220	
4	08/24/22	3970	4930	2690	1260	702	2160	
5	10/18/22	3780	4280	2410	1050	675	3090	
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Coefficient of Variation:	0.07	0.07	0.07	0.17	0.08	0.21		
Mann-Kendall Statistic (S):	-8	-8	-8	4	-8	-8		
Confidence Factor:	95.8%	95.8%	95.8%	75.8%	95.8%	95.8%		
Concentration Trend:	Decreasing	Decreasing	Decreasing	No Trend	Decreasing	Decreasing		



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.

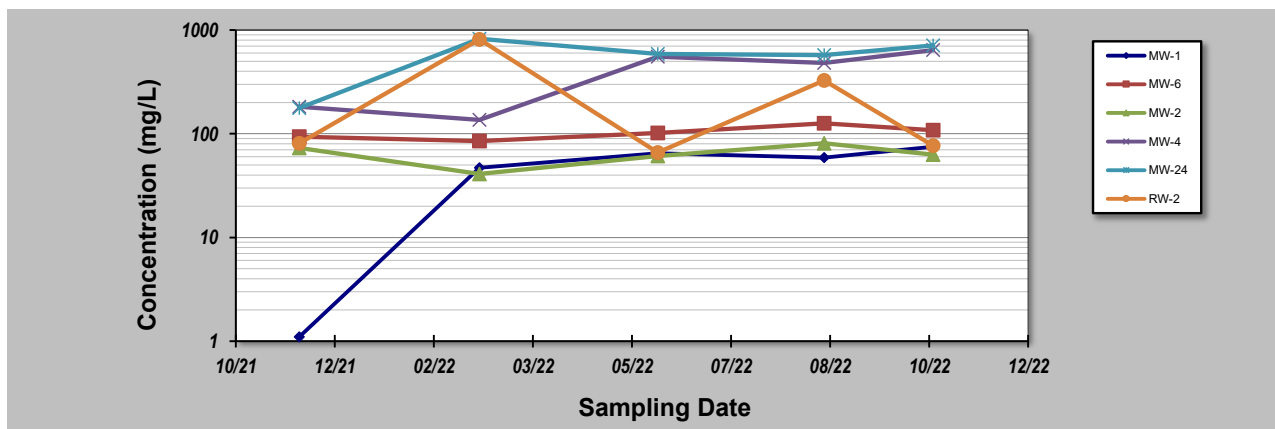
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TABLE 19

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23			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	06/01/22	65.0	102	61.0	552	588	66.0	
4	08/24/22	59.0	126	81.0	482	574	327	
5	10/18/22	75.0	108	63.0	640	710	77.0	
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.58	0.15	0.24	0.57	0.43	1.18	
Mann-Kendall Statistic (S):		8	6	2	6	2	-2	
Confidence Factor:		95.8%	88.3%	59.2%	88.3%	59.2%	59.2%	
Concentration Trend:		Increasing	No Trend	No Trend	No Trend	No Trend	No 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.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

APPENDICES

APPENDIX A: 2022 Laboratory Analytical Reports

**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: 2C04001



Current Certification

Report Date: 03/15/22

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	2C04001-01	Water	03/03/22 11:00	03-04-2022 09:39
MW-6	2C04001-02	Water	03/03/22 11:25	03-04-2022 09:39
MW-2	2C04001-03	Water	03/03/22 12:07	03-04-2022 09:39
MW-4	2C04001-04	Water	03/03/22 14:02	03-04-2022 09:39
MW-24	2C04001-05	Water	03/03/22 14:58	03-04-2022 09:39
RW-2	2C04001-06	Water	03/03/22 15:38	03-04-2022 09:39

TOC and RSK-175 analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:

https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

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

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

MW-1
2C04001-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	90.3 %		80-120		P2C1006	03/10/22 10:26	03/11/22 05:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.1 %		80-120		P2C1006	03/10/22 10:26	03/11/22 05:07	EPA 8021B	
Methane	0.00296	0.000500	mg/L	1	P2C1104	03/10/22 13:20	03/10/22 13:20	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2C1104	03/10/22 13:20	03/10/22 13:20	8015M	SUB-13
Ethene	0.00111	0.00100	mg/L	1	P2C1104	03/10/22 13:20	03/10/22 13:20	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	47.0	2.00	mg/L	1	P2C1001	03/11/22 11:27	03/11/22 11:27	8000	QAL1
Nitrate as N	2.11	0.200	mg/L	1	P2C0406	03/04/22 14:37	03/04/22 16:15	EPA 300.0	
Sulfate	4540	100	mg/L	100	P2C0406	03/04/22 14:37	03/07/22 09:34	EPA 300.0	
Total Organic Carbon	16.9	10.0	mg/L	1	P2C1104	03/09/22 17:44	03/09/22 17:44	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 12:43	EPA 6010B	QAL1
Manganese	0.0286	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 12:43	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-6
2C04001-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0218	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:27	EPA 8021B	
Toluene	0.00265	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:27	EPA 8021B	
Xylene (p/m)	0.00211	0.00200	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:27	EPA 8021B	
Xylene (o)	0.00130	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	90.3 %	80-120			P2C1006	03/10/22 10:26	03/11/22 05:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.5 %	80-120			P2C1006	03/10/22 10:26	03/11/22 05:27	EPA 8021B	
Methane	0.00802	0.000500	mg/L	1	P2C1104	03/10/22 13:20	03/10/22 13:20	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P2C1104	03/10/22 13:20	03/10/22 13:20	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2C1104	03/10/22 13:20	03/10/22 13:20	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	85.0	2.00	mg/L	1	P2C1001	03/11/22 11:27	03/11/22 11:27	8000	QAL1
Nitrate as N	4.07	0.200	mg/L	1	P2C0406	03/04/22 14:37	03/04/22 17:12	EPA 300.0	
Sulfate	5240	100	mg/L	100	P2C0406	03/04/22 14:37	03/07/22 10:31	EPA 300.0	
Total Organic Carbon	20.7	10.0	mg/L	1	P2C1104	03/09/22 17:58	03/09/22 17:58	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.0349	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 12:47	EPA 6010B	QAL1
Manganese	0.0210	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 12:47	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-2
2C04001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0416	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:48	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:48	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:48	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 05:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	89.5 %		80-120		P2C1006	03/10/22 10:26	03/11/22 05:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.5 %		80-120		P2C1006	03/10/22 10:26	03/11/22 05:48	EPA 8021B	
Methane	0.0426	0.00100	mg/L	1	P2C1104	03/10/22 13:29	03/10/22 13:29	8015M	SUB-13
Ethane	0.00194	0.00100	mg/L	1	P2C1104	03/10/22 13:29	03/10/22 13:29	8015M	SUB-13
Ethene	0.00153	0.00100	mg/L	1	P2C1104	03/10/22 13:29	03/10/22 13:29	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	41.0	2.00	mg/L	1	P2C1001	03/11/22 11:27	03/11/22 11:27	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2C0406	03/04/22 14:37	03/04/22 17:31	EPA 300.0	
Sulfate	2910	50.0	mg/L	50	P2C0406	03/04/22 14:37	03/07/22 10:50	EPA 300.0	
Total Organic Carbon	10.9	10.0	mg/L	1	P2C1104	03/09/22 18:10	03/09/22 18:10	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.0225	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 12:51	EPA 6010B	QAL1
Manganese	0.0388	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 12:51	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-4
2C04001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	3.34	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 06:08	EPA 8021B	
Toluene	0.0102	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 06:08	EPA 8021B	
Ethylbenzene	0.0174	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 06:08	EPA 8021B	
Xylene (p/m)	0.0684	0.0200	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 06:08	EPA 8021B	
Xylene (o)	0.0103	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 06:08	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>89.5 %</i>	<i>80-120</i>			<i>P2C1006</i>	<i>03/10/22 10:26</i>	<i>03/11/22 06:08</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>97.8 %</i>	<i>80-120</i>			<i>P2C1006</i>	<i>03/10/22 10:26</i>	<i>03/11/22 06:08</i>	<i>EPA 8021B</i>	
Methane	0.915	0.0250	mg/L	1	P2C1104	03/10/22 14:57	03/10/22 14:57	8015M	SUB-13
Ethane	0.00249	0.00100	mg/L	1	P2C1104	03/10/22 14:57	03/10/22 14:57	8015M	SUB-13
Ethene	0.0604	0.0500	mg/L	1	P2C1104	03/10/22 14:57	03/10/22 14:57	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	136	2.00	mg/L	1	P2C1001	03/11/22 11:27	03/11/22 11:27	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2C0406	03/04/22 14:37	03/04/22 17:50	EPA 300.0	
Sulfate	1070	25.0	mg/L	25	P2C0406	03/04/22 14:37	03/07/22 11:09	EPA 300.0	
Total Organic Carbon	123	10.0	mg/L	1	P2C1104	03/09/22 18:24	03/09/22 18:24	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 12:55	EPA 6010B	QAL1
Manganese	0.00347	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 12:55	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-24
2C04001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	8.72	0.100	mg/L	100	P2C1006	03/10/22 10:26	03/11/22 13:22	EPA 8021B	
Toluene	0.0114	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 07:09	EPA 8021B	
Ethylbenzene	0.694	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 07:09	EPA 8021B	
Xylene (p/m)	0.299	0.0200	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 07:09	EPA 8021B	
Xylene (o)	0.0112	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 07:09	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>89.3 %</i>				<i>P2C1006</i>	<i>03/10/22 10:26</i>	<i>03/11/22 07:09</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>102 %</i>				<i>P2C1006</i>	<i>03/10/22 10:26</i>	<i>03/11/22 07:09</i>	<i>EPA 8021B</i>	
Methane	0.808	0.0250	mg/L	1	P2C1104	03/10/22 13:46	03/10/22 13:46	8015M	SUB-13
Ethane	0.00471	0.00100	mg/L	1	P2C1104	03/10/22 13:46	03/10/22 13:46	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2C1104	03/10/22 13:46	03/10/22 13:46	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	824	2.00	mg/L	1	P2C1001	03/11/22 11:27	03/11/22 11:27	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2C0406	03/04/22 14:37	03/04/22 18:09	EPA 300.0	
Sulfate	794	25.0	mg/L	25	P2C0406	03/04/22 14:37	03/07/22 11:28	EPA 300.0	
Total Organic Carbon	97.5	10.0	mg/L	1	P2C1104	03/09/22 19:05	03/09/22 19:05	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 12:59	EPA 6010B	QAL1
Manganese	0.00154	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 12:59	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

RW-2**2C04001-06 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.0372	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 07:30	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 07:30	EPA 8021B	
Ethylbenzene	0.00116	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 07:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 07:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 07:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	86.5 %		80-120		P2C1006	03/10/22 10:26	03/11/22 07:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.1 %		80-120		P2C1006	03/10/22 10:26	03/11/22 07:30	EPA 8021B	
Methane	0.101	0.00250	mg/L	1	P2C1104	03/10/22 13:46	03/10/22 13:46	8015M	SUB-13
Ethane	0.00243	0.00100	mg/L	1	P2C1104	03/10/22 13:46	03/10/22 13:46	8015M	SUB-13
Ethene	0.00634	0.00500	mg/L	1	P2C1104	03/10/22 13:46	03/10/22 13:46	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	813	2.00	mg/L	1	P2C1001	03/11/22 11:27	03/11/22 11:27	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2C0406	03/04/22 14:37	03/04/22 18:28	EPA 300.0	
Sulfate	3730	100	mg/L	100	P2C0406	03/04/22 14:37	03/07/22 11:47	EPA 300.0	
Total Organic Carbon	12.9	10.0	mg/L	1	P2C1104	03/09/22 19:18	03/09/22 19:18	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.0603	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 13:03	EPA 6010B	QAL1
Manganese	0.0490	0.0200	mg/L	1	P2C0306	03/11/22 13:26	03/14/22 13:03	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
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Batch P2C1006 - General Preparation (GC)

Blank (P2C1006-BLK1)

Prepared: 03/10/22 Analyzed: 03/11/22

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	0.107		"	0.120		88.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

LCS (P2C1006-BS1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.6	80-120			

LCS Dup (P2C1006-BSD1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.117	0.00100	mg/L	0.100		117	80-120	3.00	20	
Toluene	0.119	0.00100	"	0.100		119	80-120	2.61	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120	3.49	20	
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120	0.330	20	
Xylene (o)	0.114	0.00100	"	0.100		114	80-120	4.03	20	
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

Calibration Check (P2C1006-CCV1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.117	0.00100	mg/L	0.100		117	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.6	80-120			

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

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
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Batch P2C1006 - General Preparation (GC)

Calibration Check (P2C1006-CCV2)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	80-120			

Calibration Check (P2C1006-CCV3)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.102	0.00100	mg/L	0.100		102	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)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.6	80-120			

Matrix Spike (P2C1006-MS1)

Source: 2C03001-03

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.109	0.00100	mg/L	0.100	ND	109	80-120			
Toluene	0.110	0.00100	"	0.100	ND	110	80-120			
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200	ND	117	80-120			
Xylene (o)	0.107	0.00100	"	0.100	ND	107	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.5	80-120			

Matrix Spike Dup (P2C1006-MSD1)

Source: 2C03001-03

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.116	0.00100	mg/L	0.100	ND	116	80-120	5.93	20	
Toluene	0.118	0.00100	"	0.100	ND	118	80-120	7.45	20	
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120	0.299	20	
Xylene (p/m)	0.236	0.00200	"	0.200	ND	118	80-120	0.718	20	
Xylene (o)	0.115	0.00100	"	0.100	ND	115	80-120	8.00	20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	80-120			

Permian Basin Environmental Lab, L.P.

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Released to Imaging: 7/11/2023 3:35:46 PM

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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
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Batch P2C0406 - * DEFAULT PREP *****

Blank (P2C0406-BLK1)

Prepared & Analyzed: 03/04/22

Nitrate as N	ND	0.200	mg/L							
Sulfate	ND	1.00	"							

LCS (P2C0406-BS1)

Prepared & Analyzed: 03/04/22

Nitrate as N	3.90	0.200	mg/L	4.00		97.5	90-110			
Sulfate	41.9	1.00	"	40.0		105	90-110			

LCS Dup (P2C0406-BSD1)

Prepared & Analyzed: 03/04/22

Nitrate as N	3.90	0.200	mg/L	4.00		97.4	90-110	0.0513	10	
Sulfate	42.2	1.00	"	40.0		105	90-110	0.544	10	

Calibration Blank (P2C0406-CCB1)

Prepared & Analyzed: 03/04/22

Nitrate as N	0.00		mg/L							
Sulfate	0.00		"							

Calibration Check (P2C0406-CCV1)

Prepared & Analyzed: 03/04/22

Nitrate as N	1.96		mg/L	2.00		97.8	90-110			
Sulfate	20.8		"	20.0		104	90-110			

Calibration Check (P2C0406-CCV2)

Prepared: 03/04/22 Analyzed: 03/07/22

Sulfate	21.9		mg/L	20.0		110	90-110			
Nitrate as N	2.06		"	2.00		103	90-110			

Matrix Spike (P2C0406-MS1)

Source: 2C04001-01

Prepared & Analyzed: 03/04/22

Sulfate	3770	1.00	mg/L	4.00	4540	NR	80-120			QM-05
Nitrate as N	2.52	0.200	"	0.400	2.11	102	80-120			

Matrix Spike Dup (P2C0406-MSD1)

Source: 2C04001-01

Prepared & Analyzed: 03/04/22

Nitrate as N	2.51	0.200	mg/L	0.400	2.11	101	80-120	0.278	20	
Sulfate	3770	1.00	"	4.00	4540	NR	80-120	0.0266	20	QM-05

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 P2C1001 - *** DEFAULT PREP ***										
Blank (P2C1001-BLK1)				Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	ND	2.00	mg/L							QAL1
Blank (P2C1001-BLK2)				Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	ND	2.00	mg/L							QAL1
LCS (P2C1001-BS1)				Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	96.0	2.00	mg/L	100		96.0	80-120			QAL1
LCS Dup (P2C1001-BSD1)				Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	103	2.00	mg/L	100		103	80-120	7.04	20	QAL1
Calibration Blank (P2C1001-CCB1)				Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	0.00		mg/L							QAL1
Calibration Check (P2C1001-CCV1)				Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	98.0	2.00	mg/L	100		98.0	80-120			QAL1
Calibration Check (P2C1001-CCV2)				Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	98.0	2.00	mg/L	100		98.0	80-120			QAL1
Calibration Check (P2C1001-CCV3)				Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	97.0	2.00	mg/L	100		97.0	80-120			QAL1
Calibration Check (P2C1001-CCV4)				Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	920	2.00	mg/L	1000		92.0	80-120			QAL1
Calibration Check (P2C1001-CCV5)				Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	921	2.00	mg/L	1000		92.1	80-120			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
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Batch P2C1001 - * DEFAULT PREP *****

Duplicate (P2C1001-DUP1)		Source: 2C02001-01		Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	4.00	2.00	mg/L		3.00			28.6	20	QAL1, R2
Duplicate (P2C1001-DUP2)		Source: 2C04001-05		Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	815	2.00	mg/L		824			1.10	20	QAL1
Matrix Spike (P2C1001-MS1)		Source: 2C02001-01		Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	116	2.00	mg/L	100	3.00	113	80-120			QAL1
Matrix Spike Dup (P2C1001-MSD1)		Source: 2C02001-01		Prepared & Analyzed: 03/11/22						
Chemical Oxygen Demand	112	2.00	mg/L	100	3.00	109	80-120	3.51	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 P2C0306 - *** DEFAULT PREP ***										
Blank (P2C0306-BLK1)				Prepared: 03/11/22 Analyzed: 03/14/22						
Iron	ND	0.0200	mg/L							QAL1
Manganese	ND	0.0200	"							QAL1
LCS (P2C0306-BS1)				Prepared: 03/11/22 Analyzed: 03/14/22						
Manganese	0.214	0.0200	mg/L	0.200		107	80-120			QAL1
Iron	0.391	0.0200	"	0.400		97.8	80-120			QAL1
LCS Dup (P2C0306-BSD1)				Prepared: 03/11/22 Analyzed: 03/14/22						
Iron	0.394	0.0200	mg/L	0.400		98.6	80-120	0.810	20	QAL1
Manganese	0.237	0.0200	"	0.200		118	80-120	9.90	20	QAL1
Calibration Blank (P2C0306-CCB1)				Prepared: 03/11/22 Analyzed: 03/14/22						
Manganese	0.00158		mg/L							QAL1
Iron	-0.00414		"							QAL1
Calibration Blank (P2C0306-CCB2)				Prepared: 03/11/22 Analyzed: 03/14/22						
Manganese	-0.000250		mg/L							QAL1
Iron	-0.0116		"							QAL1
Calibration Blank (P2C0306-CCB3)				Prepared: 03/11/22 Analyzed: 03/14/22						
Iron	-0.0157		mg/L							QAL1
Manganese	-0.000190		"							QAL1
Calibration Check (P2C0306-CCV1)				Prepared: 03/11/22 Analyzed: 03/14/22						
Iron	0.399	0.0200	mg/L	0.400		99.6	80-120			QAL1
Manganese	0.216	0.0200	"	0.200		108	80-120			QAL1
Calibration Check (P2C0306-CCV2)				Prepared: 03/11/22 Analyzed: 03/14/22						
Manganese	0.227	0.0200	mg/L	0.200		114	80-120			QAL1
Iron	0.399	0.0200	"	0.400		99.7	80-120			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
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Batch P2C0306 - * DEFAULT PREP *****

Calibration Check (P2C0306-CCV3)

Prepared: 03/11/22 Analyzed: 03/14/22

Manganese	0.227	0.0200	mg/L	0.200		113	80-120			QAL1
Iron	0.397	0.0200	"	0.400		99.4	80-120			QAL1

Matrix Spike (P2C0306-MS1)

Source: 2C02001-01

Prepared: 03/11/22 Analyzed: 03/14/22

Iron	0.419	0.0200	mg/L	0.400	ND	105	80-120			QAL1
Manganese	0.610	0.0200	"	0.200	0.382	114	80-120			QAL1

Matrix Spike Dup (P2C0306-MSD1)

Source: 2C02001-01

Prepared: 03/11/22 Analyzed: 03/14/22

Manganese	0.612	0.0200	mg/L	0.200	0.382	115	80-120	0.320	20	QAL1
Iron	0.424	0.0200	"	0.400	ND	106	80-120	1.08	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.

R2 The RPD exceeded the acceptance limit.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

QAL1 The Laboratory is not TNI Certified for this analyte or analysis.

NPBEL C Chain of Custody was not generated at PBELAB

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:

3/15/2022

Brent Barron, Laboratory Director/Technical Director

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

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.

PBMLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Curtis StanleyCompany Name: TRC CompaniesCompany Address: 10 Deste Dr. #130ECity/State/Zip: Midland TXTelephone No: 432 559-3896Sampler Signature: [Signature]

(lab use only)

ORDER #: 20040001e-mail: CStanley@TRCCompanies.com

Fax No: _____

Report Format: ☒ Standard ☐ TRRP ☐ NPDESProject Name: 97-18Project #: TMM 97-18Project Loc: Lea County

PO #: _____

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	TPH: TX 1005 TX 1006	Anions (Cl, SO ₄ , Alkalinity)	BTEX 8021B/5030 or BTEX 8260	TOL: <u>5M 5310</u>	Dissolved Methane Bsk 175	Dissolved Ethane Bsk 175	Dissolved Ethene Bsk 175	Nitrate E 300	Dissolved Iron	Sulfate E 300	CDs <u>5M 5310</u>	Dissolved Manganese ⁶⁰¹⁰	Total Dissolved Metals ⁶⁰¹⁰	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
-01	MW-1			3-3-22	1106	X	X	X	X	X						GW			X	X	X	X	X	X	X	X	X	X	X	X	X
-02	MW-6				1125														X	X	X	X	X	X	X	X	X	X	X	X	X
-03	MW-2				1207														X	X	X	X	X	X	X	X	X	X	X	X	X
-04	MW-4				1402														X	X	X	X	X	X	X	X	X	X	X	X	X
-05	MW-24				1458														X	X	X	X	X	X	X	X	X	X	X	X	X
-06	RW-2				1538														X	X	X	X	X	X	X	X	X	X	X	X	X

Special Instructions:

Relinquished by: [Signature] Date: 3-4-22 Time: 8:50 Received by: _____ Date: _____ Time: _____

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

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

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

PBEL_COC_2021_1 Revision #: 2021_1 Effective Date: 9-21-21

Laboratory Comments:

Sample Containers Intact? Y

VOCs Free of Headspace? Y

Labels on container(s) Y

Custody seals on container(s) Y

Custody seals on cooler(s) Y

Sample Hand Delivered by Sampler/Client Rep.? Y

Temperature Upon Receipt: 43.3 °C

Thermometer: Factor:

Adjusted: 34.22 Date: 8:50 Time: 34.22

Page 1 of 1



DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021



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?
☒	Chain of custody signed/dated/time when samples received?
☒	Samplers name present on COC?
☒	Chain of custody signed/dated/time when samples received?
☒	Sample containers intact?
☒	Custody seals intact on sample bottles?
☒	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:

Asxored 2004001

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

Resolution:

Client Contacted

Name:

Date/Time:

NC Initiated by:

Approved by:



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

March 10, 2022

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

Work Order: **HS22030413**

Laboratory Results for: **2C04001**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Mar 08, 2022 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: JUMOKE.LAWAL
Bernadette A. Fini
Project Manager

ALS Houston, US

Date: 10-Mar-22

Client: Permian Basin Environmental Lab, LP
Project: 2C04001
Work Order: HS22030413

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS22030413-01	2C04001-01	Water		03-Mar-2022 11:00	08-Mar-2022 10:00	☐
HS22030413-02	2C04001-02	Water		03-Mar-2022 11:25	08-Mar-2022 10:00	☐
HS22030413-03	2C04001-03	Water		03-Mar-2022 12:07	08-Mar-2022 10:00	☐
HS22030413-04	2C04001-04	Water		03-Mar-2022 14:02	08-Mar-2022 10:00	☐
HS22030413-05	2C04001-05	Water		03-Mar-2022 14:58	08-Mar-2022 10:00	☐
HS22030413-06	2C04001-06	Water		03-Mar-2022 15:38	08-Mar-2022 10:00	☐

ALS Houston, US

Date: 10-Mar-22

Client: Permian Basin Environmental Lab, LP
Project: 2C04001
Work Order: HS22030413

CASE NARRATIVE

GC Semivolatiles by Method RSK-175

Batch ID: R403896

Sample ID: 2C04001-02 (HS22030413-02DUP)

- The RPD between the sample and its duplicate was outside the control limit.

WetChemistry by Method E415.1

Batch ID: R403851

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

ALS Houston, US

Date: 10-Mar-22

Client:Permian Basin Environmental Lab, LP

Project:2C04001

Sample ID:2C04001-01

Collection Date:03-Mar-2022 11:00

ANALYTICAL REPORT

WorkOrder:HS22030413

Lab ID:HS22030413-01

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-Mar-2022 13:11
Ethene	1.11		1.00	ug/L	1	10-Mar-2022 13:11
Methane	2.96		0.500	ug/L	1	10-Mar-2022 13:11
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	16.9		10.0	mg/L	10	09-Mar-2022 17:44

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

ALS Houston, US

Date: 10-Mar-22

Client:Permian Basin Environmental Lab, LP

Project:2C04001

Sample ID:2C04001-02

Collection Date:03-Mar-2022 11:25

ANALYTICAL REPORT

WorkOrder:HS22030413

Lab ID:HS22030413-02

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	ND		1.00	ug/L	1	10-Mar-2022 13:20
Ethene	ND		1.00	ug/L	1	10-Mar-2022 13:20
Methane	8.02		0.500	ug/L	1	10-Mar-2022 13:20
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	20.7		10.0	mg/L	10	09-Mar-2022 17:58

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

ALS Houston, US

Date: 10-Mar-22

Client:Permian Basin Environmental Lab, LP

Project:2C04001

Sample ID:2C04001-03

Collection Date:03-Mar-2022 12:07

ANALYTICAL REPORT

WorkOrder:HS22030413

Lab ID:HS22030413-03

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	1.94		1.00	ug/L	1	10-Mar-2022 13:29
Ethene	1.53		1.00	ug/L	1	10-Mar-2022 13:29
Methane	42.6		1.00	ug/L	2	10-Mar-2022 14:44
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	10.9		10.0	mg/L	10	09-Mar-2022 18:10

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

ALS Houston, US

Date: 10-Mar-22

Client:Permian Basin Environmental Lab, LP

Project:2C04001

Sample ID:2C04001-04

Collection Date:03-Mar-2022 14:02

ANALYTICAL REPORT

WorkOrder:HS22030413

Lab ID:HS22030413-04

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	2.49		1.00	ug/L	1	10-Mar-2022 13:37
Ethene	60.4		50.0	ug/L	50	10-Mar-2022 14:57
Methane	915		25.0	ug/L	50	10-Mar-2022 14:57
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	123		10.0	mg/L	10	09-Mar-2022 18:24

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

ALS Houston, US

Date: 10-Mar-22

Client:Permian Basin Environmental Lab, LP

Project:2C04001

Sample ID:2C04001-05

Collection Date:03-Mar-2022 14:58

ANALYTICAL REPORT

WorkOrder:HS22030413

Lab ID:HS22030413-05

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	4.71		1.00	ug/L	1	10-Mar-2022 13:46
Ethene	ND		1.00	ug/L	1	10-Mar-2022 13:46
Methane	808		25.0	ug/L	50	10-Mar-2022 15:05
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	97.5		10.0	mg/L	10	09-Mar-2022 19:05

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

ALS Houston, US

Date: 10-Mar-22

Client:Permian Basin Environmental Lab, LP

Project:2C04001

Sample ID:2C04001-06

Collection Date:03-Mar-2022 15:38

ANALYTICAL REPORT

WorkOrder:HS22030413

Lab ID:HS22030413-06

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	2.43		1.00	ug/L	1	10-Mar-2022 14:12
Ethene	6.34		5.00	ug/L	5	10-Mar-2022 15:14
Methane	101		2.50	ug/L	5	10-Mar-2022 15:14
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	12.9		10.0	mg/L	10	09-Mar-2022 19:18

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

ALS Houston, US

Date: 10-Mar-22

Client: Permian Basin Environmental Lab, LP
Project: 2C04001
WorkOrder: HS22030413

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R403851 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS22030413-01	2C04001-01	03 Mar 2022 11:00			09 Mar 2022 17:44	10
HS22030413-02	2C04001-02	03 Mar 2022 11:25			09 Mar 2022 17:58	10
HS22030413-03	2C04001-03	03 Mar 2022 12:07			09 Mar 2022 18:10	10
HS22030413-04	2C04001-04	03 Mar 2022 14:02			09 Mar 2022 18:24	10
HS22030413-05	2C04001-05	03 Mar 2022 14:58			09 Mar 2022 19:05	10
HS22030413-06	2C04001-06	03 Mar 2022 15:38			09 Mar 2022 19:18	10
Batch ID: R403896 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS22030413-01	2C04001-01	03 Mar 2022 11:00			10 Mar 2022 13:11	1
HS22030413-02	2C04001-02	03 Mar 2022 11:25			10 Mar 2022 13:20	1
HS22030413-03	2C04001-03	03 Mar 2022 12:07			10 Mar 2022 14:44	2
HS22030413-03	2C04001-03	03 Mar 2022 12:07			10 Mar 2022 13:29	1
HS22030413-04	2C04001-04	03 Mar 2022 14:02			10 Mar 2022 14:57	50
HS22030413-04	2C04001-04	03 Mar 2022 14:02			10 Mar 2022 13:37	1
HS22030413-05	2C04001-05	03 Mar 2022 14:58			10 Mar 2022 15:05	50
HS22030413-05	2C04001-05	03 Mar 2022 14:58			10 Mar 2022 13:46	1
HS22030413-06	2C04001-06	03 Mar 2022 15:38			10 Mar 2022 15:14	5
HS22030413-06	2C04001-06	03 Mar 2022 15:38			10 Mar 2022 14:12	1

ALS Houston, US

Date: 10-Mar-22

Client: Permian Basin Environmental Lab, LP
Project: 2C04001
WorkOrder: HS22030413

QC BATCH REPORT

Batch ID: R403896 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175					
MBLK	Sample ID: MBLK-220310	Units: ug/L		Analysis Date: 10-Mar-2022 09:06					
Client ID:	Run ID: FID-4_403896		SeqNo: 6539409		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-220310	Units: ug/L		Analysis Date: 10-Mar-2022 09:16					
Client ID:	Run ID: FID-4_403896		SeqNo: 6539410		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Ethane	16.33	1.00	18.04	0	90.5	75 - 125			
Ethene	15.91	1.00	16.8	0	94.7	75 - 125			
Methane	10.39	0.500	9.647	0	108	75 - 125			

LCSD	Sample ID: LCSD-220310	Units: ug/L		Analysis Date: 10-Mar-2022 09:25					
Client ID:	Run ID: FID-4_403896		SeqNo: 6539411		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Ethane	15.8	1.00	18.04	0	87.6	75 - 125	16.33	3.26	30
Ethene	15.4	1.00	16.8	0	91.7	75 - 125	15.91	3.22	30
Methane	10.04	0.500	9.647	0	104	75 - 125	10.39	3.47	30

DUP	Sample ID: HS22030413-02DUP	Units: ug/L		Analysis Date: 10-Mar-2022 14:22					
Client ID: 2C04001-02	Run ID: FID-4_403896		SeqNo: 6539449		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					0	0	30
Ethene	1.62	1.00					0	200	30 R
Methane	7.423	0.500					8.017	7.71	30

The following samples were analyzed in this batch:

HS22030413-01	HS22030413-02	HS22030413-03	HS22030413-04
HS22030413-05	HS22030413-06		

ALS Houston, US

Date: 10-Mar-22

Client: Permian Basin Environmental Lab, LP
Project: 2C04001
WorkOrder: HS22030413

QC BATCH REPORT

Batch ID: R403851 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1						
MBLK	Sample ID: MBLK-03092022	Units: mg/L		Analysis Date: 09-Mar-2022 16:23						
Client ID:	Run ID: TOC_04_403851	SeqNo: 6538482		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-03092022	Units: mg/L		Analysis Date: 09-Mar-2022 16:36						
Client ID:	Run ID: TOC_04_403851	SeqNo: 6538483		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.319	1.00	10	0	93.2	85 - 115				
LCSD	Sample ID: LCSD-03092022	Units: mg/L		Analysis Date: 09-Mar-2022 16:50						
Client ID:	Run ID: TOC_04_403851	SeqNo: 6538484		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.477	1.00	10	0	94.8	85 - 115	9.319	1.68	20	
MS	Sample ID: HS22030443-01MS	Units: mg/L		Analysis Date: 09-Mar-2022 17:18						
Client ID:	Run ID: TOC_04_403851	SeqNo: 6538486		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	21.61	1.00	10	10.7	109	80 - 120				
The following samples were analyzed in this batch:										
HS22030413-01			HS22030413-02		HS22030413-03		HS22030413-04			
HS22030413-05			HS22030413-06							

ALS Houston, US

Date: 10-Mar-22

Client: Permian Basin Environmental Lab, LP
Project: 2C04001
WorkOrder: HS22030413

**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-Mar-22

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	21-022-0	26-Mar-2022
Florida	E87611-34	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
Texas	T104704231-21-28	30-Apr-2022

ALS Houston, US

Date: 10-Mar-22

Sample Receipt Checklist

Work Order ID: HS22030413

Date/Time Received: 08-Mar-2022 10:00

Client Name: Permian Basin Lab

Received by: Pablo Martinez

Completed By: /S/ Nilesch D. Ranchod	08-Mar-2022 17:06	Reviewed by: /S/ Bernadette A. Fini	09-Mar-2022 07:52
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier 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 ☐	
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):	0.9C/1.4C UC/C IR #31		
Cooler(s)/Kit(s):	RED		
Date/Time sample(s) sent to storage:	03/08/2022 18:00		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☒
pH adjusted?	Yes ☐	No ☐	N/A ☒
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron

Company Name PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184

Sampler Signature: N/A

HS22030413

Permian Basin Environmental Lab, LP
2C04001



e-mail: brentbarron@pbelab.com

Project Name: SUBCONTRACT

Project #:

Project Loc:

PO #:

Report Format: X Standard ☐ TRRP ☐ NPDES

(lab use only)		Analyze For:																							
ORDER #:	LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers	Matrix	8270C PAH LL	METALS RCRA 8 TOTAL CPMS/7471	TOC-SM 5310B	BSK-175 Methane Ethane Ethene	8270 TOTAL SEMIVOLATILE	8260 Complete List Total	Na, Ca, K, Mg Total ICP 6020	Cd TCLP ICP/MS 6020A	RCI	METHANOL 8015M	GLYCOLS-DI 8015B	8260B TCLP BENZENE	AMMONIA AS N	48 HOUR	STANDARD 4 DAY
		2C04001-01			3/3/2022	11:00	5	X	ICE																X
		2C04001-02			3/3/2022	11:25	5	X	HNO ₃ 250 only 1																X
		2C04001-03			3/3/2022	12:07	5	X	HCl 3 40mL VOA																X
		2C04001-04			3/3/2022	14:02	5	X	H ₂ SO ₄ 1 Amber 500 250 poly																X
		2C04001-05			3/3/2022	14:58	5	X	NaOH /ZINAC 250 Poly 1																X
		2C04001-06			3/3/2022	15:38	5	X	Na ₂ S ₂ O ₃																X

Special Instructions:				Laboratory Comments:			
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact?	
Brent Barron	3/1/22	17:00	Pall R	3/3/22	10:00	Y N	
Relinquished by:	Date	Time	Received by:	Date	Time	VOCs Free of Headspace?	
						Y N	
Relinquished by:	Date	Time	Received by:	Date	Time	Labels on container(s)	
						Y N	
						Custody seals on container(s)	
						Y N	
						Custody seals on cooler(s)	
						Y N	
						Sample Hand Delivered	
						Y N	
						by Sampler/Client Rep. ?	
						Y N	
						by Courier? UPS DHL FedEx Lone Star	
						Temperature Upon Receipt:	
						Received: 0.46 °C	
						Adjusted: °C Factor	

RED IR31 67405



**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: 2C09002



Current Certification

Report Date: 03/14/22

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	2C09002-01	Water	03/04/22 11:23	03-09-2022 08:55
MW25	2C09002-02	Water	03/04/22 11:43	03-09-2022 08:55
MW3	2C09002-03	Water	03/04/22 12:12	03-09-2022 08:55
MW10	2C09002-04	Water	03/04/22 12:38	03-09-2022 08:55
RW1	2C09002-05	Water	03/04/22 13:04	03-09-2022 08:55
MW26	2C09002-06	Water	03/04/22 13:33	03-09-2022 08:55
MW18	2C09002-07	Water	03/04/22 13:50	03-09-2022 08:55
MW17	2C09002-08	Water	03/04/22 14:10	03-09-2022 08:55

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**2C09002-01 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 07:50	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 07:50	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 07:50	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 07:50	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 07:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.7 %		80-120		P2C1006	03/10/22 10:26	03/11/22 07:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.1 %		80-120		P2C1006	03/10/22 10:26	03/11/22 07:50	EPA 8021B	

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

MW25**2C09002-02 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.409	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 08:11	EPA 8021B	
Toluene	ND	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 08:11	EPA 8021B	
Ethylbenzene	ND	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 08:11	EPA 8021B	
Xylene (p/m)	ND	0.0200	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 08:11	EPA 8021B	
Xylene (o)	ND	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 08:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	84.1 %		80-120		P2C1006	03/10/22 10:26	03/11/22 08:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.6 %		80-120		P2C1006	03/10/22 10:26	03/11/22 08:11	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

MW3
2C09002-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.254	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 08:31	EPA 8021B	
Toluene	0.00220	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 08:31	EPA 8021B	
Ethylbenzene	0.00246	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 08:31	EPA 8021B	
Xylene (p/m)	0.00235	0.00200	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 08:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 08:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	90.0 %		80-120		P2C1006	03/10/22 10:26	03/11/22 08:31	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.2 %		80-120		P2C1006	03/10/22 10:26	03/11/22 08:31	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

MW10
2C09002-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.319	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 08:51	EPA 8021B	
Toluene	0.00675	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 08:51	EPA 8021B	
Ethylbenzene	0.00349	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 08:51	EPA 8021B	
Xylene (p/m)	0.0165	0.00200	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 08:51	EPA 8021B	
Xylene (o)	0.00712	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 08:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.8 %		80-120		P2C1006	03/10/22 10:26	03/11/22 08:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	85.1 %		80-120		P2C1006	03/10/22 10:26	03/11/22 08:51	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

RW1**2C09002-05 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.771	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 14:04	EPA 8021B	
Toluene	0.0121	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 14:04	EPA 8021B	
Ethylbenzene	0.106	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 14:04	EPA 8021B	
Xylene (p/m)	0.123	0.0200	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 14:04	EPA 8021B	
Xylene (o)	0.0670	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 14:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.7 %		80-120		P2C1006	03/10/22 10:26	03/11/22 14:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.1 %		80-120		P2C1006	03/10/22 10:26	03/11/22 14:04	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

MW26
2C09002-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.676	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 09:32	EPA 8021B	
Toluene	0.0103	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 09:32	EPA 8021B	
Ethylbenzene	0.0156	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 09:32	EPA 8021B	
Xylene (p/m)	0.0318	0.0200	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 09:32	EPA 8021B	
Xylene (o)	0.0123	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 09:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.2 %		80-120		P2C1006	03/10/22 10:26	03/11/22 09:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.9 %		80-120		P2C1006	03/10/22 10:26	03/11/22 09:32	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
2C09002-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.59	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 09:53	EPA 8021B
Toluene	0.00298	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 14:25	EPA 8021B
Ethylbenzene	0.00422	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 14:25	EPA 8021B
Xylene (p/m)	0.107	0.00200	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 14:25	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P2C1006	03/10/22 10:26	03/11/22 14:25	EPA 8021B
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>102 %</i>		<i>80-120</i>		<i>P2C1006</i>	<i>03/10/22 10:26</i>	<i>03/11/22 14:25</i>	<i>EPA 8021B</i>
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>99.3 %</i>		<i>80-120</i>		<i>P2C1006</i>	<i>03/10/22 10:26</i>	<i>03/11/22 14:25</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

MW17
2C09002-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	2.90	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 10:14	EPA 8021B	
Toluene	0.0106	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 10:14	EPA 8021B	
Ethylbenzene	0.0113	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 10:14	EPA 8021B	
Xylene (p/m)	0.233	0.0200	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 10:14	EPA 8021B	
Xylene (o)	0.0104	0.0100	mg/L	10	P2C1006	03/10/22 10:26	03/11/22 10:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.7 %		80-120		P2C1006	03/10/22 10:26	03/11/22 10:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.9 %		80-120		P2C1006	03/10/22 10:26	03/11/22 10:14	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
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Batch P2C1006 - General Preparation (GC)

Blank (P2C1006-BLK1)

Prepared: 03/10/22 Analyzed: 03/11/22

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	0.107		"	0.120		88.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

LCS (P2C1006-BS1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.6	80-120			

LCS Dup (P2C1006-BSD1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.117	0.00100	mg/L	0.100		117	80-120	3.00	20	
Toluene	0.119	0.00100	"	0.100		119	80-120	2.61	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120	3.49	20	
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120	0.330	20	
Xylene (o)	0.114	0.00100	"	0.100		114	80-120	4.03	20	
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

Calibration Check (P2C1006-CCV1)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.117	0.00100	mg/L	0.100		117	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.6	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
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Batch P2C1006 - General Preparation (GC)

Calibration Check (P2C1006-CCV2)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	80-120			

Calibration Check (P2C1006-CCV3)

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.102	0.00100	mg/L	0.100		102	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)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.6	80-120			

Matrix Spike (P2C1006-MS1)

Source: 2C03001-03

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.109	0.00100	mg/L	0.100	ND	109	80-120			
Toluene	0.110	0.00100	"	0.100	ND	110	80-120			
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200	ND	117	80-120			
Xylene (o)	0.107	0.00100	"	0.100	ND	107	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.5	80-120			

Matrix Spike Dup (P2C1006-MSD1)

Source: 2C03001-03

Prepared: 03/10/22 Analyzed: 03/11/22

Benzene	0.116	0.00100	mg/L	0.100	ND	116	80-120	5.93	20	
Toluene	0.118	0.00100	"	0.100	ND	118	80-120	7.45	20	
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120	0.299	20	
Xylene (p/m)	0.236	0.00200	"	0.200	ND	118	80-120	0.718	20	
Xylene (o)	0.115	0.00100	"	0.100	ND	115	80-120	8.00	20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	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 15 minutes, Analysis should be done in the field.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

3/14/2022

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



DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021



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?
☐	Sampler name present on COC?
☐	Sample containers intact?
☐	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:

HEL VOA 2009002

PBEL_SAMPLE_CHECKLIST_2021_1

Page 1 of 2

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_MNA
Project Number: TNM 97-18
Location: Lea County, NM
Lab Order Number: 2F02002



Current Certification

Report Date: 06/16/22

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-3	2F02002-01	Water	06/01/22 10:00	06-02-2022 08:50
MW-6	2F02002-02	Water	06/01/22 11:00	06-02-2022 08:50
MW-2	2F02002-03	Water	06/01/22 11:45	06-02-2022 08:50
MW-4	2F02002-04	Water	06/01/22 12:45	06-02-2022 08:50
MW-24	2F02002-05	Water	06/01/22 13:45	06-02-2022 08:50
RW-2	2F02002-06	Water	06/01/22 14:40	06-02-2022 08:50

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-3
2F02002-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/02/22 22:00	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/02/22 22:00	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/02/22 22:00	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F0204	06/02/22 09:58	06/02/22 22:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/02/22 22:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.6 %		80-120		P2F0204	06/02/22 09:58	06/02/22 22:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.7 %		80-120		P2F0204	06/02/22 09:58	06/02/22 22:00	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 12:36	8015M	SUB-13
Ethene	0.00114	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 12:36	8015M	SUB-13
Methane	0.00205	0.000500	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 12:36	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	65.0	10.0	mg/L	1	P2F1501	06/15/22 08:26	06/15/22 14:00	8000	
Nitrate as N	1.88	0.200	mg/L	1	P2F0208	06/02/22 13:32	06/02/22 16:30	EPA 300.0	
Sulfate	4080	100	mg/L	100	P2F0208	06/02/22 13:32	06/03/22 11:10	EPA 300.0	
Total Organic Carbon	20.8	20.0	mg/L	1	P2F1506	06/09/22 22:28	06/09/22 22:28	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 13:50	EPA 6010B	QAL1
Manganese	0.0295	0.100	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 13:50	EPA 6010B	QAL1, J

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
2F02002-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0206	0.00500	mg/L	5	P2F0204	06/02/22 09:58	06/02/22 22:21	EPA 8021B	
Toluene	0.00535	0.00500	mg/L	5	P2F0204	06/02/22 09:58	06/02/22 22:21	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/L	5	P2F0204	06/02/22 09:58	06/02/22 22:21	EPA 8021B	
Xylene (p/m)	ND	0.0100	mg/L	5	P2F0204	06/02/22 09:58	06/02/22 22:21	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P2F0204	06/02/22 09:58	06/02/22 22:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.8 %	80-120			P2F0204	06/02/22 09:58	06/02/22 22:21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.2 %	80-120			P2F0204	06/02/22 09:58	06/02/22 22:21	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 12:50	8015M	SUB-13
Ethene	0.00143	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 12:50	8015M	SUB-13
Methane	0.00694	0.000500	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 12:50	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	102	10.0	mg/L	1	P2F1501	06/15/22 08:26	06/15/22 14:00	8000	
Nitrate as N	ND	0.200	mg/L	1	P2F0208	06/02/22 13:32	06/02/22 17:28	EPA 300.0	
Sulfate	4990	100	mg/L	100	P2F0208	06/02/22 13:32	06/03/22 11:29	EPA 300.0	
Total Organic Carbon	25.6	20.0	mg/L	1	P2F1506	06/09/22 22:39	06/09/22 22:39	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 13:54	EPA 6010B	QAL1
Manganese	0.0218	0.100	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 13:54	EPA 6010B	J, 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-2
2F02002-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0694	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/02/22 23:25	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/02/22 23:25	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/02/22 23:25	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F0204	06/02/22 09:58	06/02/22 23:25	EPA 8021B	
Xylene (o)	0.00201	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/02/22 23:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	100 %	80-120			P2F0204	06/02/22 09:58	06/02/22 23:25	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.2 %	80-120			P2F0204	06/02/22 09:58	06/02/22 23:25	EPA 8021B	
Ethane	0.00168	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 13:00	8015M	SUB-13
Ethene	0.00129	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 13:00	8015M	SUB-13
Methane	0.0279	0.000500	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 13:00	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	61.0	10.0	mg/L	1	P2F1501	06/15/22 08:26	06/15/22 14:00	8000	
Nitrate as N	ND	0.200	mg/L	1	P2F0208	06/02/22 13:32	06/02/22 17:47	EPA 300.0	
Sulfate	2700	100	mg/L	100	P2F0208	06/02/22 13:32	06/03/22 11:48	EPA 300.0	
Total Organic Carbon	ND	20.0	mg/L	1	P2F1506	06/09/22 23:13	06/09/22 23:13	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 13:57	EPA 6010B	QAL1
Manganese	0.0342	0.100	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 13:57	EPA 6010B	J, 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-4
2F02002-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	3.45	0.0100	mg/L	10	P2F0204	06/02/22 09:58	06/02/22 23:47	EPA 8021B	
Toluene	0.0113	0.0100	mg/L	10	P2F0204	06/02/22 09:58	06/02/22 23:47	EPA 8021B	
Ethylbenzene	0.0203	0.0100	mg/L	10	P2F0204	06/02/22 09:58	06/02/22 23:47	EPA 8021B	
Xylene (p/m)	0.0799	0.0200	mg/L	10	P2F0204	06/02/22 09:58	06/02/22 23:47	EPA 8021B	
Xylene (o)	0.0114	0.0100	mg/L	10	P2F0204	06/02/22 09:58	06/02/22 23:47	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>97.7 %</i>	<i>80-120</i>			<i>P2F0204</i>	<i>06/02/22 09:58</i>	<i>06/02/22 23:47</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>96.4 %</i>	<i>80-120</i>			<i>P2F0204</i>	<i>06/02/22 09:58</i>	<i>06/02/22 23:47</i>	<i>EPA 8021B</i>	
Ethane	0.00292	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 13:16	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 13:16	8015M	SUB-13
Methane	1.46	0.00500	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 15:37	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	552	10.0	mg/L	1	P2F1501	06/15/22 08:26	06/16/22 11:23	8000	
Nitrate as N	ND	0.200	mg/L	1	P2F0208	06/02/22 13:32	06/02/22 18:06	EPA 300.0	
Sulfate	938	100	mg/L	100	P2F0208	06/02/22 13:32	06/03/22 12:07	EPA 300.0	
Total Organic Carbon	118	20.0	mg/L	1	P2F1506	06/09/22 23:24	06/09/22 23:24	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 14:00	EPA 6010B	QAL1
Manganese	0.00773	0.100	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 14:00	EPA 6010B	J, 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-24**2F02002-05 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	9.26	0.100	mg/L	100	P2F0204	06/02/22 09:58	06/03/22 10:23	EPA 8021B	
Toluene	0.0125	0.0100	mg/L	10	P2F0204	06/02/22 09:58	06/03/22 00:08	EPA 8021B	
Ethylbenzene	0.823	0.0100	mg/L	10	P2F0204	06/02/22 09:58	06/03/22 00:08	EPA 8021B	
Xylene (p/m)	0.263	0.0200	mg/L	10	P2F0204	06/02/22 09:58	06/03/22 00:08	EPA 8021B	
Xylene (o)	0.0134	0.0100	mg/L	10	P2F0204	06/02/22 09:58	06/03/22 00:08	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>97.4 %</i>	<i>80-120</i>			<i>P2F0204</i>	<i>06/02/22 09:58</i>	<i>06/03/22 00:08</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>96.1 %</i>	<i>80-120</i>			<i>P2F0204</i>	<i>06/02/22 09:58</i>	<i>06/03/22 00:08</i>	<i>EPA 8021B</i>	
Ethane	0.00599	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 13:25	8015M	SUB-13
Ethene	0.00438	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 13:25	8015M	SUB-13
Methane	0.840	0.0250	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 15:46	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	588	10.0	mg/L	1	P2F1501	06/15/22 08:26	06/16/22 11:23	8000	
Nitrate as N	ND	0.200	mg/L	1	P2F0208	06/02/22 13:32	06/02/22 18:25	EPA 300.0	
Sulfate	696	100	mg/L	100	P2F0208	06/02/22 13:32	06/03/22 12:26	EPA 300.0	
Total Organic Carbon	111	20.0	mg/L	1	P2F1506	06/09/22 23:35	06/09/22 23:35	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 14:10	EPA 6010B	QAL1
Manganese	ND	0.100	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 14:10	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

RW-2
2F02002-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0774	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/03/22 00:29	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/03/22 00:29	EPA 8021B	
Ethylbenzene	0.00698	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/03/22 00:29	EPA 8021B	
Xylene (p/m)	0.00446	0.00200	mg/L	1	P2F0204	06/02/22 09:58	06/03/22 00:29	EPA 8021B	
Xylene (o)	0.00253	0.00100	mg/L	1	P2F0204	06/02/22 09:58	06/03/22 00:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.7 %	80-120			P2F0204	06/02/22 09:58	06/03/22 00:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.0 %	80-120			P2F0204	06/02/22 09:58	06/03/22 00:29	EPA 8021B	
Ethane	0.00195	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 13:33	8015M	SUB-13
Ethene	0.00199	0.00100	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 13:33	8015M	SUB-13
Methane	0.135	0.00500	mg/L	1	P2F1506	06/06/22 12:36	06/06/22 15:57	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	66.0	10.0	mg/L	1	P2F1501	06/15/22 08:26	06/16/22 14:00	8000	
Nitrate as N	ND	0.200	mg/L	1	P2F0208	06/02/22 13:32	06/02/22 18:44	EPA 300.0	
Sulfate	3220	100	mg/L	100	P2F0208	06/02/22 13:32	06/03/22 12:45	EPA 300.0	
Total Organic Carbon	25.2	20.0	mg/L	1	P2F1506	06/09/22 23:49	06/09/22 23:49	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 14:13	EPA 6010B	QAL1
Manganese	0.0405	0.100	mg/L	1	P2F0205	06/02/22 10:04	06/02/22 14:13	EPA 6010B	QAL1, J

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
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Batch P2F0204 - General Preparation (GC)

Blank (P2F0204-BLK1)

Prepared & Analyzed: 06/02/22

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	0.119		"	0.120		99.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.3	80-120			

LCS (P2F0204-BS1)

Prepared & Analyzed: 06/02/22

Benzene	0.0919	0.00100	mg/L	0.100		91.9	80-120			
Toluene	0.0953	0.00100	"	0.100		95.3	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.0	80-120			

LCS Dup (P2F0204-BSD1)

Prepared & Analyzed: 06/02/22

Benzene	0.0986	0.00100	mg/L	0.100		98.6	80-120	7.07	20	
Toluene	0.102	0.00100	"	0.100		102	80-120	7.22	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	7.91	20	
Xylene (p/m)	0.221	0.00200	"	0.200		110	80-120	7.38	20	
Xylene (o)	0.108	0.00100	"	0.100		108	80-120	7.34	20	
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

Calibration Blank (P2F0204-CCB1)

Prepared & Analyzed: 06/02/22

Benzene	0.410		ug/l							
Toluene	0.240		"							
Ethylbenzene	0.370		"							
Xylene (p/m)	0.770		"							
Xylene (o)	0.480		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.6	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
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Batch P2F0204 - General Preparation (GC)

Calibration Blank (P2F0204-CCB2)

Prepared & Analyzed: 06/02/22

Benzene	0.340		ug/l							
Toluene	0.420		"							
Ethylbenzene	0.450		"							
Xylene (p/m)	0.970		"							
Xylene (o)	0.410		"							
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.9	80-120			

Calibration Check (P2F0204-CCV1)

Prepared & Analyzed: 06/02/22

Benzene	0.0999	0.00100	mg/L	0.102		98.0	80-120			
Toluene	0.104	0.00100	"	0.102		102	80-120			
Ethylbenzene	0.108	0.00100	"	0.102		106	80-120			
Xylene (p/m)	0.218	0.00200	"	0.204		107	80-120			
Xylene (o)	0.108	0.00100	"	0.102		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.2	80-120			

Calibration Check (P2F0204-CCV2)

Prepared & Analyzed: 06/02/22

Benzene	0.0957	0.00100	mg/L	0.102		93.8	80-120			
Toluene	0.0979	0.00100	"	0.102		96.0	80-120			
Ethylbenzene	0.101	0.00100	"	0.102		98.8	80-120			
Xylene (p/m)	0.203	0.00200	"	0.204		99.7	80-120			
Xylene (o)	0.102	0.00100	"	0.102		99.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.0	80-120			

Calibration Check (P2F0204-CCV3)

Prepared: 06/02/22 Analyzed: 06/03/22

Benzene	0.102	0.00100	mg/L	0.102		99.5	80-120			
Toluene	0.103	0.00100	"	0.102		101	80-120			
Ethylbenzene	0.108	0.00100	"	0.102		106	80-120			
Xylene (p/m)	0.217	0.00200	"	0.204		106	80-120			
Xylene (o)	0.108	0.00100	"	0.102		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.8	80-120			

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

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
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Batch P2F0204 - General Preparation (GC)

Matrix Spike (P2F0204-MS1)

Source: 2E27006-01

Prepared: 06/02/22 Analyzed: 06/03/22

Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120			
Toluene	0.115	0.00100	"	0.100	ND	115	80-120			
Ethylbenzene	0.130	0.00100	"	0.100	ND	130	80-120			
Xylene (p/m)	0.244	0.00200	"	0.200	ND	122	80-120			
Xylene (o)	0.119	0.00100	"	0.100	ND	119	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.5	80-120			

Matrix Spike Dup (P2F0204-MSD1)

Source: 2E27006-01

Prepared: 06/02/22 Analyzed: 06/03/22

Benzene	0.104	0.00100	mg/L	0.100	ND	104	80-120	8.38	20	
Toluene	0.106	0.00100	"	0.100	ND	106	80-120	8.23	20	
Ethylbenzene	0.120	0.00100	"	0.100	ND	120	80-120	8.22	20	
Xylene (p/m)	0.225	0.00200	"	0.200	ND	113	80-120	7.89	20	
Xylene (o)	0.110	0.00100	"	0.100	ND	110	80-120	7.98	20	
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.7	80-120			

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

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 P2F0208 - * DEFAULT PREP *****

Blank (P2F0208-BLK1)

Prepared: 06/02/22 Analyzed: 06/03/22

Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							

LCS (P2F0208-BS1)

Prepared & Analyzed: 06/02/22

Sulfate	40.6		mg/L	40.0		102	90-110			
Nitrate as N	3.87		"	4.00		96.8	90-110			

LCS Dup (P2F0208-BSD1)

Prepared & Analyzed: 06/02/22

Nitrate as N	3.88		mg/L	4.00		97.0	90-110	0.155	10	
Sulfate	40.6		"	40.0		102	90-110	0.0689	10	

Calibration Blank (P2F0208-CCB1)

Prepared & Analyzed: 06/02/22

Nitrate as N	0.00		mg/L							
Sulfate	0.00		"							

Calibration Check (P2F0208-CCV1)

Prepared & Analyzed: 06/02/22

Sulfate	20.0		mg/L	20.0		100	90-110			
Nitrate as N	1.87		"	2.00		93.4	90-110			

Calibration Check (P2F0208-CCV2)

Prepared: 06/02/22 Analyzed: 06/03/22

Sulfate	20.7		mg/L	20.0		104	90-110			
Nitrate as N	1.92		"	2.00		95.8	90-110			

Matrix Spike (P2F0208-MS1)

Source: 2F02002-01

Prepared & Analyzed: 06/02/22

Nitrate as N	2.15	0.200	mg/L	1.00	1.88	26.2	80-120			QM-05
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Matrix Spike Dup (P2F0208-MSD1)

Source: 2F02002-01

Prepared & Analyzed: 06/02/22

Nitrate as N	2.14	0.200	mg/L	1.00	1.88	25.8	80-120	0.187	20	QM-05
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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
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Batch P2F1501 - * DEFAULT PREP *****

Blank (P2F1501-BLK1)

Prepared: 06/15/22 Analyzed: 06/16/22

Chemical Oxygen Demand	ND	10.0	mg/L							
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LCS (P2F1501-BS1)

Prepared: 06/15/22 Analyzed: 06/16/22

Chemical Oxygen Demand	95.0	10.0	mg/L	100		95.0	80-120			
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LCS Dup (P2F1501-BSD1)

Prepared: 06/15/22 Analyzed: 06/16/22

Chemical Oxygen Demand	103	10.0	mg/L	100		103	80-120	8.08	20	
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Calibration Check (P2F1501-CCV1)

Prepared: 06/15/22 Analyzed: 06/16/22

Chemical Oxygen Demand	98.0	10.0	mg/L	100		98.0	80-120			
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Calibration Check (P2F1501-CCV2)

Prepared: 06/15/22 Analyzed: 06/16/22

Chemical Oxygen Demand	98.0	10.0	mg/L	100		98.0	80-120			
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Calibration Check (P2F1501-CCV3)

Prepared: 06/15/22 Analyzed: 06/16/22

Chemical Oxygen Demand	99.0	10.0	mg/L	100		99.0	80-120			
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Duplicate (P2F1501-DUP1)

Source: 2F02002-01

Prepared: 06/15/22 Analyzed: 06/16/22

Chemical Oxygen Demand	74.0	10.0	mg/L		65.0			12.9	20	
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Duplicate (P2F1501-DUP2)

Source: 2F08003-06

Prepared: 06/15/22 Analyzed: 06/16/22

Chemical Oxygen Demand	30.0	10.0	mg/L		27.0			10.5	20	
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Matrix Spike (P2F1501-MS1)

Source: 2F02002-01

Prepared: 06/15/22 Analyzed: 06/16/22

Chemical Oxygen Demand	155	10.0	mg/L	100	65.0	90.0	80-120			
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Matrix Spike (P2F1501-MS2)

Source: 2F08003-06

Prepared: 06/15/22 Analyzed: 06/16/22

Chemical Oxygen Demand	131	10.0	mg/L	100	27.0	104	80-120			
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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_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2F1501 - *** DEFAULT PREP ***

Matrix Spike Dup (P2F1501-MSD1)	Source: 2F02002-01			Prepared: 06/15/22 Analyzed: 06/16/22						
Chemical Oxygen Demand	153	10.0	mg/L	100	65.0	88.0	80-120	1.30	20	
Matrix Spike Dup (P2F1501-MSD2)	Source: 2F08003-06			Prepared: 06/15/22 Analyzed: 06/16/22						
Chemical Oxygen Demand	132	10.0	mg/L	100	27.0	105	80-120	0.760	20	

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 P2F0205 - *** DEFAULT PREP ***										
Blank (P2F0205-BLK1)				Prepared & Analyzed: 06/02/22						
Iron	ND	0.200	mg/L							QAL1
Manganese	0.000427	0.100	"							QAL1, J
LCS (P2F0205-BS1)				Prepared & Analyzed: 06/02/22						
Iron	0.427	0.200	mg/L	0.400		107	80-120			QAL1
Manganese	0.200	0.100	"	0.200		100	80-120			QAL1
LCS Dup (P2F0205-BSD1)				Prepared & Analyzed: 06/02/22						
Manganese	0.198	0.100	mg/L	0.200		99.0	80-120	1.09	20	QAL1
Iron	0.433	0.200	"	0.400		108	80-120	1.29	20	QAL1
Calibration Blank (P2F0205-CCB1)				Prepared & Analyzed: 06/02/22						
Iron	-0.00452		mg/L							QAL1
Manganese	-0.00348		"							QAL1
Calibration Blank (P2F0205-CCB2)				Prepared & Analyzed: 06/02/22						
Iron	-0.00422		mg/L							QAL1
Manganese	-0.00363		"							QAL1
Calibration Blank (P2F0205-CCB3)				Prepared & Analyzed: 06/02/22						
Manganese	-0.00345		mg/L							QAL1
Iron	-0.00410		"							QAL1
Calibration Check (P2F0205-CCV1)				Prepared & Analyzed: 06/02/22						
Iron	0.414	0.200	mg/L	0.400		103	80-120			QAL1
Manganese	0.203	0.100	"	0.200		102	80-120			QAL1
Calibration Check (P2F0205-CCV2)				Prepared & Analyzed: 06/02/22						
Iron	0.444	0.200	mg/L	0.400		111	80-120			QAL1
Manganese	0.193	0.100	"	0.200		96.5	80-120			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
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Batch P2F0205 - * DEFAULT PREP *****

Calibration Check (P2F0205-CCV3)

Prepared & Analyzed: 06/02/22

Iron	0.437	0.200	mg/L	0.400		109	80-120			QAL1
Manganese	0.185	0.100	"	0.200		92.5	80-120			QAL1

Matrix Spike (P2F0205-MS1)

Source: 2E27006-01

Prepared & Analyzed: 06/02/22

Iron	0.443	0.200	mg/L	0.400	ND	111	75-125			QAL1
Manganese	0.187	0.100	"	0.200	ND	93.7	75-125			QAL1

Matrix Spike Dup (P2F0205-MSD1)

Source: 2E27006-01

Prepared & Analyzed: 06/02/22

Iron	0.420	0.200	mg/L	0.400	ND	105	75-125	5.21	20	QAL1
Manganese	0.179	0.100	"	0.200	ND	89.3	75-125	4.80	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.

pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.

NPBEL C Chain of Custody was not generated at PBELAB

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:

6/16/2022

Brent Barron, Laboratory Director/Technical Director

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

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

PBETLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

Page 2 of 2

Project Manager: Curt Stanley

Project Name: 97-18

Company Name: TRC Environmental Corporation

Project #: TNM 97-18

Company Address: 10 Desta Drive, Ste 130E

Project Loc: Lea County, New Mexico

City/State/Zip: Midland/TX/79703

PO #:

Telephone No: (432)5207720

Fax No:

Report Format:

☒ Standard☐ TRRP☐ NPDES

Sampler Signature:

e-mail:

cdstanley@trcsolutions.com

(lab use only)

clbryant@paalp.com

khuddgens@paalp.com

ORDER # AFO2002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered (1-250 NHO ₃)	Total #. of Containers	Ice	HNO ₃ (1-250mL)	HCl (6 VOA + 1-250 mL)	H ₂ SO ₄ (1-250 mL)	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 Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	Total BTEX by 8260	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-1			6-1-22	1000	1	9	X	1	7	1					GW	X	X	X	X	X											X
2	MW-6				1120	1	9	X	1	7	1					GW	X	X	X	X	X											X
3	MW-2				1145	1	9	X	1	7	1					GW	X	X	X	X	X											X
4	MW-4				1245	1	9	X	1	7	1					GW	X	X	X	X	X											X
5	MW-24				1345	1	9	X	1	7	1					GW	X	X	X	X	X											X
6	RW-2				1440	1	9	X	1	7	1					GW	X	X	X	X	X											X

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

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

N

VOCs Free of Headspaces?

N

Labels on Containers?

N

Custody seals on containers?

N

Sample Hand Delivered by Sampler/Client Rep.?

N

Temperature Upon Receipt:

5.8 °C

Adjusted:

N/A

C Factor:

4

BRAB

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 preserved?
☒	Chain of custody signed/dated/time when relinquished and received?
☒	Sample(s)/chain preservation COC for all samples?
☒	Sample(s) name present on COC?
☒	Chain of custody preserved with all samples?
☒	Sample containers intact?
☒	Custody seals intact for sample(s) to life?
☒	Samples in proper container/bottle?
☒	Sample(s) single wrapped/sealed/boxed etc?
☒	All samples received within holding time?
☒	Analysis requested for all samples submitted?
☒	Shipping containers/coolers - usable, clean, dry?
☒	Custody seals intact on shipping container/cooler?

Login Notes:

Assort poly
H&L UGA

2F03002

PBEL_SAMPLE_CHECKLIST_2021_1

Page 1 of 2

BRITAB

DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

temp 6.85n1e

Resolutions

Client Contacted

30

Name: _____

Date/Time:

NC Initiated by:

75

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: Lea County, NM
Lab Order Number: 2F07004



Current Certification

Report Date: 06/20/22

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
MW-30	2F07004-01	Water	06/02/22 12:25	06-07-2022 08:15
MW-27	2F07004-02	Water	06/02/22 11:00	06-07-2022 08:15
MW-20	2F07004-03	Water	06/02/22 10:30	06-07-2022 08:15
MW-23	2F07004-04	Water	06/02/22 10:40	06-07-2022 08:15
MW-3	2F07004-05	Water	06/02/22 11:10	06-07-2022 08:15
MW-10	2F07004-06	Water	06/02/22 12:43	06-07-2022 08:15
MW-25	2F07004-07	Water	06/02/22 11:20	06-07-2022 08:15
MW-26	2F07004-08	Water	06/02/22 11:50	06-07-2022 08:15
RW-1	2F07004-09	Water	06/02/22 13:35	06-07-2022 08:15
MW-18	2F07004-10	Water	06/02/22 10:20	06-07-2022 08:15
MW-17	2F07004-11	Water	06/02/22 14:05	06-07-2022 08:15

Samples MW-5 and MW-7 are listed on the COC but were not received by PBEL.

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

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

MW-30
2F07004-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:08	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %		80-120		P2F0901	06/09/22 08:51	06/09/22 12:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.2 %		80-120		P2F0901	06/09/22 08:51	06/09/22 12:08	EPA 8021B	

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

MW-27**2F07004-02 (Water)**

Analyte	Reporting Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:30	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:30	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P2F0901	06/09/22 08:51	06/09/22 12:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.7 %		80-120		P2F0901	06/09/22 08:51	06/09/22 12:30	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

MW-20**2F07004-03 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 12:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P2F0901	06/09/22 08:51	06/09/22 12:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.6 %		80-120		P2F0901	06/09/22 08:51	06/09/22 12:51	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW-23**2F07004-04 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:13	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	104 %		80-120		P2F0901	06/09/22 08:51	06/09/22 13:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.4 %		80-120		P2F0901	06/09/22 08:51	06/09/22 13:13	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

MW-3
2F07004-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.211	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:34	EPA 8021B	
Toluene	0.00142	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:34	EPA 8021B	
Ethylbenzene	0.00220	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:34	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:34	EPA 8021B	
Xylene (o)	0.00170	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	107 %	80-120			P2F0901	06/09/22 08:51	06/09/22 13:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.7 %	80-120			P2F0901	06/09/22 08:51	06/09/22 13:34	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW-10
2F07004-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.270	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:56	EPA 8021B	
Toluene	0.00800	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:56	EPA 8021B	
Ethylbenzene	0.00442	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:56	EPA 8021B	
Xylene (p/m)	0.0272	0.00200	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:56	EPA 8021B	
Xylene (o)	0.0100	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 13:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P2F0901	06/09/22 08:51	06/09/22 13:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	87.4 %		80-120		P2F0901	06/09/22 08:51	06/09/22 13:56	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

MW-25**2F07004-07 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	1.45	0.0100	mg/L	10	P2F0901	06/09/22 08:51	06/09/22 14:17	EPA 8021B	
Toluene	0.00122	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:15	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:15	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:15	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %				P2F0901	06/09/22 08:51	06/10/22 10:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.5 %				P2F0901	06/09/22 08:51	06/10/22 10:15	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

MW-26
2F07004-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.352	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:36	EPA 8021B	
Toluene	0.00134	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P2F0901	06/09/22 08:51	06/10/22 10:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.8 %		80-120		P2F0901	06/09/22 08:51	06/10/22 10:36	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

RW-1**2F07004-09 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.343	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 15:01	EPA 8021B	
Toluene	0.00272	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 15:01	EPA 8021B	
Ethylbenzene	0.0426	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 15:01	EPA 8021B	
Xylene (p/m)	0.0443	0.00200	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 15:01	EPA 8021B	
Xylene (o)	0.0275	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 15:01	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>105 %</i>		<i>80-120</i>		<i>P2F0901</i>	<i>06/09/22 08:51</i>	<i>06/09/22 15:01</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>92.4 %</i>		<i>80-120</i>		<i>P2F0901</i>	<i>06/09/22 08:51</i>	<i>06/09/22 15:01</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

MW-18**2F07004-10 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	1.50	0.0100	mg/L	10	P2F0901	06/09/22 08:51	06/09/22 15:22	EPA 8021B	
Toluene	0.00251	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:58	EPA 8021B	
Ethylbenzene	0.00531	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:58	EPA 8021B	
Xylene (p/m)	0.115	0.00200	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/10/22 10:58	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>98.3 %</i>		<i>80-120</i>		<i>P2F0901</i>	<i>06/09/22 08:51</i>	<i>06/10/22 10:58</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>94.1 %</i>		<i>80-120</i>		<i>P2F0901</i>	<i>06/09/22 08:51</i>	<i>06/10/22 10:58</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

MW-17
2F07004-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	2.79	0.100	mg/L	100	P2F0901	06/09/22 08:51	06/10/22 11:19	EPA 8021B	
Toluene	0.00290	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 16:28	EPA 8021B	
Ethylbenzene	0.00265	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 16:28	EPA 8021B	
Xylene (p/m)	0.137	0.00200	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 16:28	EPA 8021B	
Xylene (o)	0.00495	0.00100	mg/L	1	P2F0901	06/09/22 08:51	06/09/22 16:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	100 %	80-120			P2F0901	06/09/22 08:51	06/09/22 16:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.0 %	80-120			P2F0901	06/09/22 08:51	06/09/22 16:28	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

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
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Batch P2F0901 - General Preparation (GC)

Blank (P2F0901-BLK1)

Prepared & Analyzed: 06/09/22

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	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.4	80-120			

LCS (P2F0901-BS1)

Prepared & Analyzed: 06/09/22

Benzene	0.0986	0.00100	mg/L	0.100		98.6	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.217	0.00200	"	0.200		108	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.4	80-120			

LCS Dup (P2F0901-BSD1)

Prepared & Analyzed: 06/09/22

Benzene	0.0997	0.00100	mg/L	0.100		99.7	80-120	1.15	20	
Toluene	0.103	0.00100	"	0.100		103	80-120	2.25	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	2.18	20	
Xylene (p/m)	0.219	0.00200	"	0.200		110	80-120	1.27	20	
Xylene (o)	0.106	0.00100	"	0.100		106	80-120	0.197	20	
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.8	80-120			

Calibration Blank (P2F0901-CCB1)

Prepared & Analyzed: 06/09/22

Benzene	0.360		ug/l							
Toluene	0.470		"							
Ethylbenzene	0.380		"							
Xylene (p/m)	0.840		"							
Xylene (o)	0.480		"							
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.8	80-120			

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

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
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Batch P2F0901 - General Preparation (GC)

Calibration Blank (P2F0901-CCB2)

Prepared & Analyzed: 06/09/22

Benzene	0.290		ug/l							
Toluene	0.110		"							
Ethylbenzene	0.150		"							
Xylene (p/m)	0.370		"							
Xylene (o)	0.310		"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		91.0	80-120			

Calibration Check (P2F0901-CCV1)

Prepared & Analyzed: 06/09/22

Benzene	0.0974	0.00100	mg/L	0.102		95.4	80-120			
Toluene	0.103	0.00100	"	0.102		101	80-120			
Ethylbenzene	0.107	0.00100	"	0.102		105	80-120			
Xylene (p/m)	0.216	0.00200	"	0.204		106	80-120			
Xylene (o)	0.111	0.00100	"	0.102		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.6	80-120			

Calibration Check (P2F0901-CCV2)

Prepared: 06/09/22 Analyzed: 06/10/22

Benzene	0.0951	0.00100	mg/L	0.102		93.2	80-120			
Toluene	0.0953	0.00100	"	0.102		93.4	80-120			
Ethylbenzene	0.0976	0.00100	"	0.102		95.6	80-120			
Xylene (p/m)	0.198	0.00200	"	0.204		97.2	80-120			
Xylene (o)	0.100	0.00100	"	0.102		98.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.4	80-120			

Calibration Check (P2F0901-CCV3)

Prepared & Analyzed: 06/09/22

Benzene	0.0984	0.00100	mg/L	0.102		96.5	80-120			
Toluene	0.103	0.00100	"	0.102		101	80-120			
Ethylbenzene	0.108	0.00100	"	0.102		106	80-120			
Xylene (p/m)	0.218	0.00200	"	0.204		107	80-120			
Xylene (o)	0.108	0.00100	"	0.102		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.3	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

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
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Batch P2F0901 - General Preparation (GC)

Matrix Spike (P2F0901-MS1)

Source: 2F07004-01

Prepared & Analyzed: 06/09/22

Benzene	0.0964	0.00100	mg/L	0.100	ND	96.4	80-120			
Toluene	0.0962	0.00100	"	0.100	ND	96.2	80-120			
Ethylbenzene	0.105	0.00100	"	0.100	ND	105	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200	ND	98.7	80-120			
Xylene (o)	0.0961	0.00100	"	0.100	ND	96.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.132		"	0.120		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.1	80-120			

Matrix Spike Dup (P2F0901-MSD1)

Source: 2F07004-01

Prepared & Analyzed: 06/09/22

Benzene	0.108	0.00100	mg/L	0.100	ND	108	80-120	11.5	20	
Toluene	0.108	0.00100	"	0.100	ND	108	80-120	11.6	20	
Ethylbenzene	0.119	0.00100	"	0.100	ND	119	80-120	11.9	20	
Xylene (p/m)	0.221	0.00200	"	0.200	ND	110	80-120	11.3	20	
Xylene (o)	0.109	0.00100	"	0.100	ND	109	80-120	12.7	20	
Surrogate: 4-Bromofluorobenzene	0.132		"	0.120		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.6	80-120			

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

Notes and Definitions

ROI Received on Ice

pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.

NPBEL C Chain of Custody was not generated at PBELAB

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

6/20/2022

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

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

Page 1 of 47

Project Name: 97-18

Project #: **TNM 97-18**

Project Loc: Lea County, NM

PO #

Fax No:

Report Format:

e-mail: cdstanley@irccompanies.com

cibryant@paalp.com
khudgens@paalp.com

ORDER #: 8701007

[illegible]

Relinquished by:

Relinquished by:

Relinquished by:

Date _____

Date _____

Date _____

Time

Time

Time

Received by:

Received by:

Received by

Date _____

Late

Date _____

Time

lime

Time

Laboratory Comments:
Sample Containers Intact
VOCs Free of Headspace
Labels on container(s)

**Sample Hand Delivered
by Sampler/Client Bar**

Temperature Upon Receipt: 4 °

22

ript:

22

ript:

22

ZZ

10



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?
☒	Sample name present on COC?
☒	Sample containers intact?
☒	Seals 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:

402 X3 207004



DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

temp 6.1 on ice

Resolution:

Client Contacted: 100

Name:

Date/Time:

NC Initiated by: TB Approved by:

**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_MNA
Project Number: TNM 97-18
Location: Lea County, NM
Lab Order Number: 2H25006



Current Certification

Report Date: 09/16/22

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	2H25006-01	Water	08/24/22 11:35	08-25-2022 08:10
MW-6	2H25006-02	Water	08/24/22 12:25	08-25-2022 08:10
MW-2	2H25006-03	Water	08/24/22 13:00	08-25-2022 08:10
MW-4	2H25006-04	Water	08/24/22 13:50	08-25-2022 08:10
MW-24	2H25006-05	Water	08/24/22 14:30	08-25-2022 08:10
RW-2	2H25006-06	Water	08/24/22 15:20	08-25-2022 08:10

RSK-175 and TOC analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:

https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

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

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

MW-1
2H25006-01 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 16:50	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 16:50	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 16:50	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 16:50	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 16:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		149 %			P2H2507	08/25/22 12:20	08/25/22 16:50	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		81.5 %			P2H2507	08/25/22 12:20	08/25/22 16:50	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 13:18	8015M	SUB-13
Ethene	0.00196	0.00100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 13:18	8015M	SUB-13
Methane	0.00189	0.000500	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 13:18	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	59.0	10.0	mg/L	1	P2I1205	09/12/22 09:29	09/12/22 15:04	8000	QAL1
Nitrate as N	1.58	0.200	mg/L	1	P2H2510	08/25/22 14:41	08/26/22 10:37	EPA 300.0	
Sulfate	3970	100	mg/L	100	P2H3106	08/31/22 09:46	08/31/22 13:26	EPA 300.0	
Total Organic Carbon	17.8	10.0	mg/L	1	P2I0707	09/01/22 04:00	09/01/22 04:32	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:13	EPA 6010B	QAL1
Manganese	0.0263	0.100	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:13	EPA 6010B	QAL1, J

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
2H25006-02 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0225	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 17:11	EPA 8021B	
Toluene	0.00194	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 17:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 17:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 17:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 17:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	144 %	80-120			P2H2507	08/25/22 12:20	08/25/22 17:11	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	83.8 %	80-120			P2H2507	08/25/22 12:20	08/25/22 17:11	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 13:27	8015M	SUB-13
Ethene	0.00184	0.00100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 13:27	8015M	SUB-13
Methane	0.00691	0.000500	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 13:27	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	126	10.0	mg/L	1	P2I1205	09/12/22 09:29	09/12/22 15:04	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2H2510	08/25/22 14:41	08/26/22 11:31	EPA 300.0	
Sulfate	4930	100	mg/L	100	P2H3106	08/31/22 09:46	08/31/22 14:20	EPA 300.0	
Total Organic Carbon	23.3	10.0	mg/L	1	P2I0707	09/01/22 04:00	09/01/22 05:11	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:16	EPA 6010B	QAL1
Manganese	0.0156	0.100	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:16	EPA 6010B	QAL1, J

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-2
2H25006-03 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0133	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 17:33	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 17:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 17:33	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 17:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 17:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	143 %	80-120		P2H2507	08/25/22 12:20	08/25/22 17:33	EPA 8021B	S-GC	
Surrogate: 1,4-Difluorobenzene	85.2 %	80-120		P2H2507	08/25/22 12:20	08/25/22 17:33	EPA 8021B		
Ethane	0.00138	0.00100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 13:36	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 13:36	8015M	SUB-13
Methane	0.0295	0.000500	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 13:36	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	81.0	10.0	mg/L	1	P2I1205	09/12/22 09:29	09/12/22 15:04	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2H2510	08/25/22 14:41	08/26/22 11:49	EPA 300.0	
Sulfate	2690	100	mg/L	100	P2H3106	08/31/22 09:46	08/31/22 14:38	EPA 300.0	
Total Organic Carbon	15.5	10.0	mg/L	1	P2I0707	09/01/22 04:00	09/01/22 05:25	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:19	EPA 6010B	QAL1
Manganese	0.0287	0.100	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:19	EPA 6010B	QAL1, J

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
2H25006-04 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	2.51	0.0100	mg/L	10	P2H2507	08/25/22 12:20	08/25/22 17:54	EPA 8021B	
Toluene	0.00306	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 10:12	EPA 8021B	
Ethylbenzene	0.00499	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 10:12	EPA 8021B	
Xylene (p/m)	0.0481	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 10:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 10:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.3 %	80-120			P2H2507	08/25/22 12:20	08/26/22 10:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	138 %	80-120			P2H2507	08/25/22 12:20	08/26/22 10:12	EPA 8021B	S-GC
Ethane	0.00202	0.00100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 14:08	8015M	SUB-13
Ethene	0.00458	0.00100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 14:08	8015M	SUB-13
Methane	0.827	0.0250	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 14:08	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	482	10.0	mg/L	1	P2I1205	09/12/22 09:29	09/12/22 15:04	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2H2510	08/25/22 14:41	08/26/22 12:07	EPA 300.0	
Sulfate	1260	50.0	mg/L	50	P2H3106	08/31/22 09:46	08/31/22 14:56	EPA 300.0	
Total Organic Carbon	94.6	10.0	mg/L	1	P2I0707	09/01/22 04:00	09/01/22 05:37	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:23	EPA 6010B	QAL1
Manganese	0.00632	0.100	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:23	EPA 6010B	QAL1, J

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-24
2H25006-05 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	8.77	0.100	mg/L	100	P2H2507	08/25/22 12:20	08/26/22 10:34	EPA 8021B	
Toluene	0.0102	0.0100	mg/L	10	P2H2507	08/25/22 12:20	08/25/22 18:16	EPA 8021B	
Ethylbenzene	0.601	0.0100	mg/L	10	P2H2507	08/25/22 12:20	08/25/22 18:16	EPA 8021B	
Xylene (p/m)	0.246	0.0200	mg/L	10	P2H2507	08/25/22 12:20	08/25/22 18:16	EPA 8021B	
Xylene (o)	0.0131	0.0100	mg/L	10	P2H2507	08/25/22 12:20	08/25/22 18:16	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>144 %</i>	<i>80-120</i>			<i>P2H2507</i>	<i>08/25/22 12:20</i>	<i>08/25/22 18:16</i>	<i>EPA 8021B</i>	<i>S-GC</i>
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>102 %</i>	<i>80-120</i>			<i>P2H2507</i>	<i>08/25/22 12:20</i>	<i>08/25/22 18:16</i>	<i>EPA 8021B</i>	
Ethane	0.00909	0.00100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 14:20	8015M	SUB-13
Ethene	0.118	0.100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 15:00	8015M	SUB-13
Methane	0.863	0.0500	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 15:00	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	574	10.0	mg/L	1	P2I1205	09/12/22 09:29	09/12/22 15:04	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2H2510	08/25/22 14:41	08/26/22 12:25	EPA 300.0	
Sulfate	702	25.0	mg/L	25	P2H3106	08/31/22 09:46	08/31/22 15:14	EPA 300.0	
Total Organic Carbon	98.3	10.0	mg/L	1	P2I0707	09/01/22 04:00	09/01/22 05:51	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:26	EPA 6010B	QAL1
Manganese	0.00513	0.100	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:26	EPA 6010B	QAL1, J

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

RW-2
2H25006-06 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.482	0.00500	mg/L	5	P2H2507	08/25/22 12:20	08/26/22 10:56	EPA 8021B	
Toluene	0.00596	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 18:37	EPA 8021B	
Ethylbenzene	0.0985	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 18:37	EPA 8021B	
Xylene (p/m)	0.0684	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 18:37	EPA 8021B	
Xylene (o)	0.00430	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 18:37	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>142 %</i>	<i>80-120</i>			<i>P2H2507</i>	<i>08/25/22 12:20</i>	<i>08/25/22 18:37</i>	<i>EPA 8021B</i>	<i>S-GC</i>
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>97.1 %</i>	<i>80-120</i>			<i>P2H2507</i>	<i>08/25/22 12:20</i>	<i>08/25/22 18:37</i>	<i>EPA 8021B</i>	
Ethane	0.00138	0.00100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 14:29	8015M	SUB-13
Ethene	0.00228	0.00100	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 14:29	8015M	SUB-13
Methane	0.433	0.0125	mg/L	1	P2I0707	09/07/22 12:34	08/29/22 15:11	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	327	10.0	mg/L	1	P2I1205	09/12/22 09:29	09/12/22 15:04	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2H2510	08/25/22 14:41	08/26/22 12:43	EPA 300.0	
Sulfate	2160	100	mg/L	100	P2H3106	08/31/22 09:46	08/31/22 15:32	EPA 300.0	
Total Organic Carbon	42.0	10.0	mg/L	1	P2I0707	09/01/22 04:00	09/01/22 20:13	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:29	EPA 6010B	QAL1
Manganese	0.0187	0.100	mg/L	1	P2H2505	08/25/22 10:11	08/25/22 16:29	EPA 6010B	J, 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
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Batch P2H2507 - * DEFAULT PREP *****

Blank (P2H2507-BLK1)			Prepared & Analyzed: 08/25/22							
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	0.00206	0.00200	"							B
Xylene (o)	0.00118	0.00100	"							B
Surrogate: 4-Bromofluorobenzene	0.205		"	0.120		170	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0965		"	0.120		80.4	80-120			

LCS (P2H2507-BS1)			Prepared & Analyzed: 08/25/22							
Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.198		"	0.120		165	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0981		"	0.120		81.7	80-120			

LCS Dup (P2H2507-BSD1)			Prepared & Analyzed: 08/25/22							
Benzene	0.111	0.00100	mg/L	0.100		111	80-120	1.34	20	
Toluene	0.104	0.00100	"	0.100		104	80-120	0.375	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	0.190	20	
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120	1.28	20	
Xylene (o)	0.100	0.00100	"	0.100		100	80-120	0.825	20	
Surrogate: 4-Bromofluorobenzene	0.205		"	0.120		171	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0964		"	0.120		80.3	80-120			

Calibration Check (P2H2507-CCV1)			Prepared & Analyzed: 08/25/22							
Benzene	0.113	0.00100	mg/L	0.102		111	80-120			
Toluene	0.105	0.00100	"	0.102		102	80-120			
Ethylbenzene	0.111	0.00100	"	0.102		109	80-120			
Xylene (p/m)	0.224	0.00200	"	0.204		110	80-120			
Xylene (o)	0.103	0.00100	"	0.102		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.193		"	0.120		161	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0962		"	0.120		80.2	80-120			

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
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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
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Batch P2H2507 - * DEFAULT PREP *****

Calibration Check (P2H2507-CCV2)

Prepared & Analyzed: 08/25/22

Benzene	0.101	0.00100	mg/L	0.102		99.2	80-120			
Toluene	0.0931	0.00100	"	0.102		91.3	80-120			
Ethylbenzene	0.0928	0.00100	"	0.102		91.0	80-120			
Xylene (p/m)	0.187	0.00200	"	0.204		91.9	80-120			
Xylene (o)	0.0915	0.00100	"	0.102		89.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.166		"	0.120		139	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			

Calibration Check (P2H2507-CCV3)

Prepared & Analyzed: 08/25/22

Benzene	0.0925	0.00100	mg/L	0.102		90.7	80-120			
Toluene	0.0845	0.00100	"	0.102		82.9	80-120			
Ethylbenzene	0.0917	0.00100	"	0.102		89.9	80-120			
Xylene (p/m)	0.186	0.00200	"	0.204		91.2	80-120			
Xylene (o)	0.0855	0.00100	"	0.102		83.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.162		"	0.120		135	80-120			S-GC

Matrix Spike (P2H2507-MS1)

Source: 2H25006-01

Prepared & Analyzed: 08/25/22

Benzene	0.0943	0.00100	mg/L	0.100	ND	94.3	80-120			
Toluene	0.0892	0.00100	"	0.100	ND	89.2	80-120			
Ethylbenzene	0.0878	0.00100	"	0.100	ND	87.8	80-120			
Xylene (p/m)	0.171	0.00200	"	0.200	ND	85.3	80-120			
Xylene (o)	0.0859	0.00100	"	0.100	ND	85.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.157		"	0.120		131	80-120			S-GC

Matrix Spike Dup (P2H2507-MSD1)

Source: 2H25006-01

Prepared & Analyzed: 08/25/22

Benzene	0.111	0.00100	mg/L	0.100	ND	111	80-120	15.9	20	
Toluene	0.103	0.00100	"	0.100	ND	103	80-120	14.4	20	
Ethylbenzene	0.103	0.00100	"	0.100	ND	103	80-120	16.4	20	
Xylene (p/m)	0.199	0.00200	"	0.200	ND	99.4	80-120	15.3	20	
Xylene (o)	0.104	0.00100	"	0.100	ND	104	80-120	19.0	20	
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.162		"	0.120		135	80-120			S-GC

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
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Batch P2H2510 - * DEFAULT PREP *****

Blank (P2H2510-BLK1)

Prepared: 08/25/22 Analyzed: 08/26/22

Nitrate as N	ND	0.200	mg/L
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LCS (P2H2510-BS1)

Prepared: 08/25/22 Analyzed: 08/26/22

Nitrate as N	1.97	0.200	mg/L	2.00	98.6	90-110
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LCS Dup (P2H2510-BSD1)

Prepared: 08/25/22 Analyzed: 08/26/22

Nitrate as N	2.07	0.200	mg/L	2.00	104	90-110	4.80	10
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Calibration Blank (P2H2510-CCB1)

Prepared: 08/25/22 Analyzed: 08/26/22

Nitrate as N	0.00		mg/L
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Calibration Check (P2H2510-CCV1)

Prepared: 08/25/22 Analyzed: 08/26/22

Nitrate as N	1.85		mg/L	2.00	92.4	90-110
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Calibration Check (P2H2510-CCV2)

Prepared: 08/25/22 Analyzed: 08/26/22

Nitrate as N	1.95		mg/L	2.00	97.4	90-110
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Matrix Spike (P2H2510-MS1)

Source: 2H25006-01

Prepared: 08/25/22 Analyzed: 08/26/22

Nitrate as N	1.86	0.200	mg/L	0.200	1.58	139	80-120		QM-05
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Matrix Spike Dup (P2H2510-MSD1)

Source: 2H25006-01

Prepared: 08/25/22 Analyzed: 08/26/22

Nitrate as N	1.58	0.200	mg/L	0.200	1.58	1.00	80-120	16.0	20	QM-05
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Batch P2H3106 - * DEFAULT PREP *****

Blank (P2H3106-BLK1)

Prepared & Analyzed: 08/31/22

Sulfate	ND	1.00	mg/L
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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
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Batch P2H3106 - * DEFAULT PREP *****

LCS (P2H3106-BS1)

Prepared & Analyzed: 08/31/22

Sulfate	39.6		mg/L	40.0		99.1	90-110			
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LCS Dup (P2H3106-BSD1)

Prepared & Analyzed: 08/31/22

Sulfate	40.0		mg/L	40.0		100	90-110	0.892	10	
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Calibration Blank (P2H3106-CCB1)

Prepared & Analyzed: 08/31/22

Sulfate	0.00		mg/L							
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Calibration Check (P2H3106-CCV1)

Prepared & Analyzed: 08/31/22

Sulfate	19.6		mg/L	20.0		98.1	90-110			
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Calibration Check (P2H3106-CCV2)

Prepared & Analyzed: 08/31/22

Sulfate	20.1		mg/L	20.0		100	90-110			
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Matrix Spike (P2H3106-MS1)

Source: 2H25006-01

Prepared & Analyzed: 08/31/22

Sulfate	4500	100	mg/L	500	3970	106	80-120			
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Matrix Spike Dup (P2H3106-MSD1)

Source: 2H25006-01

Prepared & Analyzed: 08/31/22

Sulfate	4510	100	mg/L	500	3970	108	80-120	0.202	20	
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Batch P2I1205 - * DEFAULT PREP *****

Blank (P2I1205-BLK1)

Prepared & Analyzed: 09/12/22

Chemical Oxygen Demand	ND	10.0	mg/L							QAL1
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Blank (P2I1205-BLK2)

Prepared & Analyzed: 09/12/22

Chemical Oxygen Demand	ND	10.0	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
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Batch P2I1205 - * DEFAULT PREP *****

LCS (P2I1205-BS1)				Prepared & Analyzed: 09/12/22						
Chemical Oxygen Demand	93.0	10.0	mg/L	100		93.0	80-120			QAL1
LCS (P2I1205-BS2)				Prepared & Analyzed: 09/12/22						
Chemical Oxygen Demand	1060	10.0	mg/L	1000		106	80-120			QAL1
LCS Dup (P2I1205-BSD1)				Prepared & Analyzed: 09/12/22						
Chemical Oxygen Demand	102	10.0	mg/L	100		102	80-120	9.23	20	QAL1
LCS Dup (P2I1205-BSD2)				Prepared & Analyzed: 09/12/22						
Chemical Oxygen Demand	1100	10.0	mg/L	1000		110	80-120	3.41	20	QAL1
Duplicate (P2I1205-DUP1)				Source: 2H25006-01		Prepared & Analyzed: 09/12/22				
Chemical Oxygen Demand	254	10.0	mg/L		59.0			125	20	QAL1, QM-05
Duplicate (P2I1205-DUP2)				Source: 2I07008-01		Prepared & Analyzed: 09/12/22				
Chemical Oxygen Demand	102	10.0	mg/L		251			84.4	20	QAL1, R3
Matrix Spike (P2I1205-MS1)				Source: 2H25006-01		Prepared & Analyzed: 09/12/22				
Chemical Oxygen Demand	89.0	10.0	mg/L	100	59.0	30.0	80-120			QAL1, R3
Matrix Spike (P2I1205-MS2)				Source: 2I07008-01		Prepared & Analyzed: 09/12/22				
Chemical Oxygen Demand	1170	10.0	mg/L	1000	251	92.2	80-120			QAL1
Matrix Spike Dup (P2I1205-MSD1)				Source: 2H25006-01		Prepared & Analyzed: 09/12/22				
Chemical Oxygen Demand	1150	10.0	mg/L	100	59.0	NR	80-120	171	20	QAL1, R3
Matrix Spike Dup (P2I1205-MSD2)				Source: 2I07008-01		Prepared & Analyzed: 09/12/22				
Chemical Oxygen Demand	146	10.0	mg/L	1000	251	NR	80-120	156	20	QAL1, R3

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_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 P2H2505 - *** DEFAULT PREP ***										
Blank (P2H2505-BLK1)				Prepared & Analyzed: 08/25/22						
Manganese	0.000579	0.100	mg/L							QAL1, J
Iron	ND	0.200	"							QAL1
LCS (P2H2505-BS1)				Prepared & Analyzed: 08/25/22						
Manganese	0.163	0.100	mg/L	0.200		81.7	80-120			QAL1
Iron	0.332	0.200	"	0.400		83.1	80-120			QAL1
LCS Dup (P2H2505-BSD1)				Prepared & Analyzed: 08/25/22						
Manganese	0.163	0.100	mg/L	0.200		81.3	80-120	0.465	20	QAL1
Iron	0.344	0.200	"	0.400		86.0	80-120	3.42	20	QAL1
Calibration Blank (P2H2505-CCB1)				Prepared & Analyzed: 08/25/22						
Manganese	0.000878		mg/L							QAL1, J
Iron	0.0157		"							QAL1
Calibration Blank (P2H2505-CCB2)				Prepared & Analyzed: 08/25/22						
Iron	0.0189		mg/L							QAL1
Manganese	0.00162		"							QAL1, J
Calibration Blank (P2H2505-CCB3)				Prepared & Analyzed: 08/25/22						
Iron	0.0196		mg/L							QAL1
Manganese	0.000594		"							QAL1, J
Calibration Check (P2H2505-CCV1)				Prepared & Analyzed: 08/25/22						
Manganese	0.215	0.100	mg/L	0.200		107	80-120			QAL1
Iron	0.424	0.200	"	0.400		106	80-120			QAL1
Calibration Check (P2H2505-CCV2)				Prepared & Analyzed: 08/25/22						
Manganese	0.161	0.100	mg/L	0.200		80.5	80-120			QAL1
Iron	0.351	0.200	"	0.400		87.6	80-120			QAL1

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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
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Batch P2H2505 - * DEFAULT PREP *****

Calibration Check (P2H2505-CCV3)

Prepared & Analyzed: 08/25/22

Iron	0.378	0.200	mg/L	0.400		94.6	80-120			QAL1
Manganese	0.164	0.100	"	0.200		82.1	80-120			QAL1

Matrix Spike (P2H2505-MS1)

Source: 2H10003-01

Prepared & Analyzed: 08/25/22

Iron	0.653	0.200	mg/L	0.400	0.229	106	75-125			QAL1
Manganese	0.161	0.100	"	0.200	0.00837	76.5	75-125			QAL1

Matrix Spike Dup (P2H2505-MSD1)

Source: 2H10003-01

Prepared & Analyzed: 08/25/22

Manganese	0.160	0.100	mg/L	0.200	0.00837	75.9	75-125	0.721	20	QAL1
Iron	0.652	0.200	"	0.400	0.229	106	75-125	0.198	20	QAL1

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

Notes and Definitions

SUB-13 Subcontract of analyte/analysis to ALS Houston.

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

ROI Received on Ice

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

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.

pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.

NPBEL C Chain of Custody was not generated at PBELAB

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

B Analyte is found in the associated blank as well as in the sample (CLP B-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:

9/16/2022

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

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.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB SUB COC V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

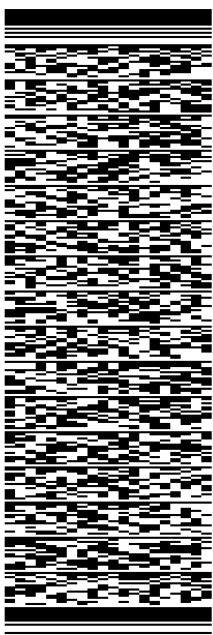
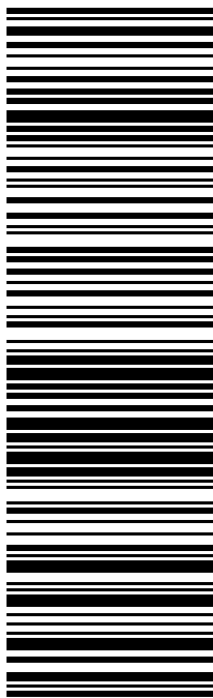
Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

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	Preservation & # of Containers							Matrix	
								ICE	HNO ₃ 250 poly 1	HCl 3 40mL VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	Na ₂ S ₂ O ₃	NONE	NONE 3 AMBER VOAA VIALS	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other
	2H25006-01			8/24/2022	11:35	4	X	X	X					W	X	X
	2H25006-02			8/24/2022	12:25	4	X	X	X					W	X	X
	2H25006-03			8/24/2022	13:00	4	X	X	X					W	X	X
	2H25006-04			8/24/2022	13:50	4	X	X	X					W	X	X
	2H25006-05			8/24/2022	14:30	4	X	X	X					W	X	X
	2H25006-06			8/24/2022	15:20	4	X	X	X					W	X	X
SPECIAL INSTRUCTIONS:															Laboratory Comments:	
															Sample Containers Intact? Y N	
															VOCs Free of Headspace? Y N	
Relinquished by: Brent Barron		Date	Time	Received by:				Date	Time	Labels on container(s) Y N		Custody seals on container(s) Y N		Custody seals on cooler(s) Y N		
Relinquished by:		Date	Time	Received by:				Date	Time	Sample Hand Delivered by Sampler/Client Rep. ? Y N		by Courier? UPS DHL FedEx Lone Star Y N				
Relinquished by:		Date	Time	Received by:				Date	Time	Temperature Upon Receipt: °C		Received: °C Factor				
										Adjusted: °C Factor						

ORIGIN ID:MAFA BRENT BARRON PBE LAB 1400 RANKIN HWY MIDLAND, TX 79701 UNITED STATES US	(432) 686-7235	SHIP DATE: 25AUG22 ACTWGT: 15.00 LB CAD: 107136846/INET4530
BILL RECIPIENT		
TO SAMPLE RECEIVING		
ALS-HOUSTON		
10450 STANCLIFF RD		
HOUSTON TX 77099		
REF: (281) 530-5615	DEPT:	
INV:		
PO:		
		
		
		
J223022081201uv		
TRK# 7777 6735 9683	FRI - 26 AUG 4:30P	
0201	STANDARD OVERNIGHT	
AB SGRA	TX-US 77099	
	IAH	

581J2/F39D/FE2D

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10450 Stancliff Rd. Suite 210
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T: +1 281 530 5656
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September 02, 2022

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

Work Order: **HS22081502**

Laboratory Results for: **2H25006**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Aug 26, 2022 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 black ink that reads 'Anna M. Kinchen'.

Generated By: JUMOKE.LAWAL
Anna Kinchen
Project Manager

ALS Houston, US

Date: 02-Sep-22

Client: Permian Basin Environmental Lab, LP
Project: 2H25006
Work Order: HS22081502

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS22081502-01	2H25006-01	Water		24-Aug-2022 11:35	26-Aug-2022 09:10	☐
HS22081502-02	2H25006-02	Water		24-Aug-2022 12:25	26-Aug-2022 09:10	☐
HS22081502-03	2H25006-03	Water		24-Aug-2022 13:00	26-Aug-2022 09:10	☐
HS22081502-04	2H25006-04	Water		24-Aug-2022 13:50	26-Aug-2022 09:10	☐
HS22081502-05	2H25006-05	Water		24-Aug-2022 14:30	26-Aug-2022 09:10	☐
HS22081502-06	2H25006-06	Water		24-Aug-2022 15:20	26-Aug-2022 09:10	☐

ALS Houston, US

Date: 02-Sep-22

Client: Permian Basin Environmental Lab, LP
Project: 2H25006
Work Order: HS22081502

CASE NARRATIVE

GC Semivolatiles by Method RSK-175

Batch ID: R416098

Sample ID: HS22081191-05DUP

- DUP is for an unrelated sample

WetChemistry by Method E415.1

Batch ID: R416335,R416421

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

ALS Houston, US

Date: 02-Sep-22

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	2H25006	WorkOrder:HS22081502
Sample ID:	2H25006-01	Lab ID:HS22081502-01
Collection Date:	24-Aug-2022 11:35	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	29-Aug-2022 13:18
Ethene	1.96		1.00	ug/L	1	29-Aug-2022 13:18
Methane	1.89		0.500	ug/L	1	29-Aug-2022 13:18
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	17.8		10.0	mg/L	10	01-Sep-2022 04:32

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

ALS Houston, US

Date: 02-Sep-22

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	2H25006	WorkOrder:HS22081502
Sample ID:	2H25006-02	Lab ID:HS22081502-02
Collection Date:	24-Aug-2022 12:25	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	29-Aug-2022 13:27
Ethene	1.84		1.00	ug/L	1	29-Aug-2022 13:27
Methane	6.91		0.500	ug/L	1	29-Aug-2022 13:27
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	23.3		10.0	mg/L	10	01-Sep-2022 05:11

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

ALS Houston, US

Date: 02-Sep-22

Client:Permian Basin Environmental Lab, LP

Project:2H25006

Sample ID:2H25006-03

Collection Date:24-Aug-2022 13:00

ANALYTICAL REPORT

WorkOrder:HS22081502

Lab ID:HS22081502-03

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	1.38		1.00	ug/L	1	29-Aug-2022 13:36
Ethene	ND		1.00	ug/L	1	29-Aug-2022 13:36
Methane	29.5		0.500	ug/L	1	29-Aug-2022 13:36
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	15.5		10.0	mg/L	10	01-Sep-2022 05:25

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

ALS Houston, US

Date: 02-Sep-22

Client:Permian Basin Environmental Lab, LP

Project:2H25006

Sample ID:2H25006-04

Collection Date:24-Aug-2022 13:50

ANALYTICAL REPORT

WorkOrder:HS22081502

Lab ID:HS22081502-04

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	2.02		1.00	ug/L	1	29-Aug-2022 14:08
Ethene	4.58		1.00	ug/L	1	29-Aug-2022 14:08
Methane	827		25.0	ug/L	50	29-Aug-2022 14:44
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	94.6		10.0	mg/L	10	01-Sep-2022 05:37

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

ALS Houston, US

Date: 02-Sep-22

Client:Permian Basin Environmental Lab, LP

Project:2H25006

Sample ID:2H25006-05

Collection Date:24-Aug-2022 14:30

ANALYTICAL REPORT

WorkOrder:HS22081502

Lab ID:HS22081502-05

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	9.09		1.00	ug/L	1	29-Aug-2022 14:20
Ethene	118		100	ug/L	100	29-Aug-2022 15:00
Methane	863		50.0	ug/L	100	29-Aug-2022 15:00
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	98.3		10.0	mg/L	10	01-Sep-2022 05:51

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

ALS Houston, US

Date: 02-Sep-22

Client:Permian Basin Environmental Lab, LP

Project:2H25006

Sample ID:2H25006-06

Collection Date:24-Aug-2022 15:20

ANALYTICAL REPORT

WorkOrder:HS22081502

Lab ID:HS22081502-06

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	1.38		1.00	ug/L	1	29-Aug-2022 14:29
Ethene	2.28		1.00	ug/L	1	29-Aug-2022 14:29
Methane	433		12.5	ug/L	25	29-Aug-2022 15:11
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	42.0		10.0	mg/L	10	01-Sep-2022 20:13

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

ALS Houston, US

Date: 02-Sep-22

Client: Permian Basin Environmental Lab, LP
Project: 2H25006
WorkOrder: HS22081502

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R416098 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS22081502-01	2H25006-01	24 Aug 2022 11:35			29 Aug 2022 13:18	1
HS22081502-02	2H25006-02	24 Aug 2022 12:25			29 Aug 2022 13:27	1
HS22081502-03	2H25006-03	24 Aug 2022 13:00			29 Aug 2022 13:36	1
HS22081502-04	2H25006-04	24 Aug 2022 13:50			29 Aug 2022 14:44	50
HS22081502-04	2H25006-04	24 Aug 2022 13:50			29 Aug 2022 14:08	1
HS22081502-05	2H25006-05	24 Aug 2022 14:30			29 Aug 2022 15:00	100
HS22081502-05	2H25006-05	24 Aug 2022 14:30			29 Aug 2022 14:20	1
HS22081502-06	2H25006-06	24 Aug 2022 15:20			29 Aug 2022 15:11	25
HS22081502-06	2H25006-06	24 Aug 2022 15:20			29 Aug 2022 14:29	1
Batch ID: R416335 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS22081502-01	2H25006-01	24 Aug 2022 11:35			01 Sep 2022 04:32	10
HS22081502-02	2H25006-02	24 Aug 2022 12:25			01 Sep 2022 05:11	10
HS22081502-03	2H25006-03	24 Aug 2022 13:00			01 Sep 2022 05:25	10
HS22081502-04	2H25006-04	24 Aug 2022 13:50			01 Sep 2022 05:37	10
HS22081502-05	2H25006-05	24 Aug 2022 14:30			01 Sep 2022 05:51	10
Batch ID: R416421 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS22081502-06	2H25006-06	24 Aug 2022 15:20			01 Sep 2022 20:13	10

ALS Houston, US

Date: 02-Sep-22

Client: Permian Basin Environmental Lab, LP
Project: 2H25006
WorkOrder: HS22081502

QC BATCH REPORT

Batch ID: R416098 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175					
MBLK	Sample ID: MBLK-220829	Units: ug/L		Analysis Date: 29-Aug-2022 11:39					
Client ID:	Run ID: FID-4_416098		SeqNo: 6825382		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Ethane	ND	1.00							
Ethene	ND	1.00							
Methane	ND	0.500							

LCS	Sample ID: LCS-220829	Units: ug/L		Analysis Date: 29-Aug-2022 11:47					
Client ID:	Run ID: FID-4_416098		SeqNo: 6825383		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Ethane	18.79	1.00	18.04	0	104	75 - 125			
Ethene	16.57	1.00	16.8	0	98.6	75 - 125			
Methane	9.454	0.500	9.647	0	98.0	75 - 125			

LCSD	Sample ID: LCSD-220829	Units: ug/L		Analysis Date: 29-Aug-2022 11:57					
Client ID:	Run ID: FID-4_416098		SeqNo: 6825384		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Ethane	19.82	1.00	18.04	0	110	75 - 125	18.79	5.33	30
Ethene	16.41	1.00	16.8	0	97.7	75 - 125	16.57	0.994	30
Methane	10.01	0.500	9.647	0	104	75 - 125	9.454	5.71	30

DUP	Sample ID: HS22081191-05DUP	Units: ug/L		Analysis Date: 29-Aug-2022 12:54					
Client ID:	Run ID: FID-4_416098		SeqNo: 6825440		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Ethane	ND	1.00					0	0	30
Ethene	3.524	1.00					1.709	69.4	30 R
Methane	12.09	0.500					12.1	0.0509	30

The following samples were analyzed in this batch:

HS22081502-01	HS22081502-02	HS22081502-03	HS22081502-04
HS22081502-05	HS22081502-06		

ALS Houston, US

Date: 02-Sep-22

Client: Permian Basin Environmental Lab, LP
Project: 2H25006
WorkOrder: HS22081502

QC BATCH REPORT

Batch ID: R416335 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1						
MBLK	Sample ID: MBLK-08312022	Units: mg/L			Analysis Date: 01-Sep-2022 02:41					
Client ID:	Run ID: TOC_04_416335	SeqNo: 6830427		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-08312022	Units: mg/L			Analysis Date: 01-Sep-2022 02:54					
Client ID:	Run ID: TOC_04_416335	SeqNo: 6830428		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	9.219	1.00	10	0	92.2	85 - 115				
LCSD	Sample ID: LCSD-08312022	Units: mg/L			Analysis Date: 01-Sep-2022 03:07					
Client ID:	Run ID: TOC_04_416335	SeqNo: 6830429		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	9.339	1.00	10	0	93.4	85 - 115	9.219	1.29	20	
MS	Sample ID: HS22080966-01MS	Units: mg/L			Analysis Date: 01-Sep-2022 03:30					
Client ID:	Run ID: TOC_04_416335	SeqNo: 6830431		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	13.34	1.00	10	3.965	93.8	80 - 120				
The following samples were analyzed in this batch:				HS22081502-01		HS22081502-02		HS22081502-03		HS22081502-04
				HS22081502-05						

ALS Houston, US

Date: 02-Sep-22

Client: Permian Basin Environmental Lab, LP
Project: 2H25006
WorkOrder: HS22081502

QC BATCH REPORT

Batch ID: R416421 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1						
MBLK	Sample ID: MBLK-09012022	Units: mg/L		Analysis Date: 01-Sep-2022 19:36						
Client ID:	Run ID: TOC_04_416421	SeqNo: 6832202		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-09012022	Units: mg/L		Analysis Date: 01-Sep-2022 19:49						
Client ID:	Run ID: TOC_04_416421	SeqNo: 6832203		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.171	1.00	10	0	91.7	85 - 115				
LCSD	Sample ID: LCSD-09012022	Units: mg/L		Analysis Date: 01-Sep-2022 20:02						
Client ID:	Run ID: TOC_04_416421	SeqNo: 6832204		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.266	1.00	10	0	92.7	85 - 115	9.171	1.03	20	
MS	Sample ID: HS22081267-02MS	Units: mg/L		Analysis Date: 01-Sep-2022 20:54						
Client ID:	Run ID: TOC_04_416421	SeqNo: 6832208		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	30.95	1.00	10	21.38	95.7	80 - 120				
The following samples were analyzed in this batch: HS22081502-06										

ALS Houston, US

Date: 02-Sep-22

Client: Permian Basin Environmental Lab, LP
Project: 2H25006
WorkOrder: HS22081502

**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: 02-Sep-22

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	22-041-0	27-Mar-2023
California	2919 2022-2023	30-Apr-2023
Dept of Defense	L21-682	31-Dec-2023
Florida	E87611-36	30-Jun-2023
Illinois	2000322022-9	09-May-2023
Kansas	E-10352; 2022-2023	31-Jul-2023
Kentucky	123043, 2022-2023	30-Apr-2023
Louisiana	03087, 2022-2023	30-Jun-2023
Maryland	343, 2022-2023	30-Jun-2023
North Carolina	624-2022	31-Dec-2022
North Dakota	R-193 2022-2023	30-Apr-2023
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-22-29	30-Apr-2023
Utah	TX026932022-13	31-Jul-2023

ALS Houston, US

Date: 02-Sep-22

Sample Receipt Checklist

Work Order ID: HS22081502

Date/Time Received: 26-Aug-2022 09:10

Client Name: Permian Basin Lab

Received by: Paresh M. Giga

Completed By: <u>/S/ Niles D. Ranchod</u>	27-Aug-2022 08:49	Reviewed by: <u>/S/ Anna Kinchen</u>	29-Aug-2022 15:12
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier 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 ☐	
Samplers name present on COC?	Yes ☐	No ☒	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	2.3C/2.1C UC/C IR #31		
Cooler(s)/Kit(s):	Teal		
Date/Time sample(s) sent to storage:	08/26/2022 20:00		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☒	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

Project Name: SUBCONTRACT

Project #: _____

Project Loc: _____

PO #: _____

Fax No: _____ Report Format: ☒ Standard ☐ TRRP ☐ NPDES

e-mail: brentbarron@pbelab.com

[illegible]

8/25/22, 4:01 PM

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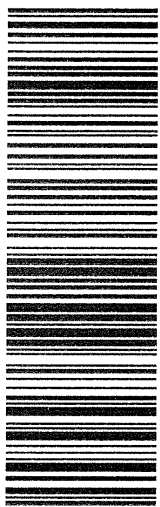
SHIP DATE: 25AUG22
ACTWGT: 15.00 LB
CAD: 107136846INET 14530

TO
SAMPLE RECEIVING
ALS-HOUSTON
10450 STANCLIFF RD
HOUSTON TX 77099
(281) 530-5615
REF: 591.02/F39D/FE2D

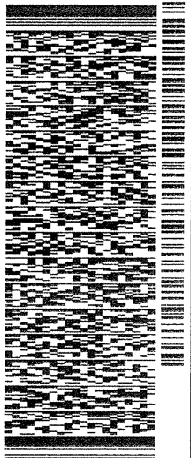
BILL RECIPIENT

TRK# 7777 6735 9683
0201
FRI - 26 AUG 4:30P
STANDARD OVERNIGHT

AB SGRA
TX-US
77099
IAH


TSC AUG 26 2022


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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: Lea County, NM
Lab Order Number: 2H25007



Current Certification

Report Date: 09/09/22

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
MW-23	2H25007-01	Water	08/24/22 14:40	08-25-2022 08:10
MW-3	2H25007-02	Water	08/24/22 14:40	08-25-2022 08:10
MW-10	2H25007-03	Water	08/24/22 15:03	08-25-2022 08:10
RW-1	2H25007-04	Water	08/24/22 15:31	08-25-2022 08:10
MW-26	2H25007-05	Water	08/24/22 15:58	08-25-2022 08:10
MW-25	2H25007-06	Water	08/24/22 16:19	08-25-2022 08:10
MW-18	2H25007-07	Water	08/24/22 16:44	08-25-2022 08:10
MW-17	2H25007-08	Water	08/24/22 17:07	08-25-2022 08:10

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

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

MW-23
2H25007-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00102	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 18:59	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 18:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 18:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 18:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 18:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	142 %		80-120		P2H2507	08/25/22 12:20	08/25/22 18:59	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P2H2507	08/25/22 12:20	08/25/22 18:59	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

MW-3
2H25007-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.121	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:03	EPA 8021B	
Toluene	0.00109	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:03	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:03	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:03	EPA 8021B	
Xylene (o)	0.00127	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	119 %	80-120			P2H2507	08/25/22 12:20	08/25/22 20:03	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %	80-120			P2H2507	08/25/22 12:20	08/25/22 20:03	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

MW-10
2H25007-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.246	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:24	EPA 8021B	
Toluene	0.00512	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:24	EPA 8021B	
Ethylbenzene	0.00291	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:24	EPA 8021B	
Xylene (p/m)	0.0143	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:24	EPA 8021B	
Xylene (o)	0.00445	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:24	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>118 %</i>	<i>80-120</i>			<i>P2H2507</i>	<i>08/25/22 12:20</i>	<i>08/25/22 20:24</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>103 %</i>	<i>80-120</i>			<i>P2H2507</i>	<i>08/25/22 12:20</i>	<i>08/25/22 20:24</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

RW-1**2H25007-04 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	0.240	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:45	EPA 8021B	
Toluene	0.00472	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:45	EPA 8021B	
Ethylbenzene	0.00203	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:45	EPA 8021B	
Xylene (p/m)	0.0128	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:45	EPA 8021B	
Xylene (o)	0.00364	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/25/22 20:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	114 %	80-120			P2H2507	08/25/22 12:20	08/25/22 20:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	106 %	80-120			P2H2507	08/25/22 12:20	08/25/22 20:45	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

MW-26
2H25007-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.308	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 11:18	EPA 8021B	
Toluene	0.00118	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 11:18	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 11:18	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 11:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 11:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.8 %		80-120		P2H2507	08/25/22 12:20	08/26/22 11:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	141 %		80-120		P2H2507	08/25/22 12:20	08/26/22 11:18	EPA 8021B	S-GC

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

MW-25
2H25007-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0641	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 11:40	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 11:40	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 11:40	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 11:40	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 11:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.2 %		80-120		P2H2507	08/25/22 12:20	08/26/22 11:40	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	148 %		80-120		P2H2507	08/25/22 12:20	08/26/22 11:40	EPA 8021B	S-GC

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

MW-18
2H25007-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.58	0.0100	mg/L	10	P2H2507	08/25/22 12:20	08/25/22 21:49	EPA 8021B	
Toluene	0.00267	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 12:02	EPA 8021B	
Ethylbenzene	0.00383	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 12:02	EPA 8021B	
Xylene (p/m)	0.117	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 12:02	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 12:02	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>80.4 %</i>		<i>80-120</i>		<i>P2H2507</i>	<i>08/25/22 12:20</i>	<i>08/26/22 12:02</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>144 %</i>		<i>80-120</i>		<i>P2H2507</i>	<i>08/25/22 12:20</i>	<i>08/26/22 12:02</i>	<i>EPA 8021B</i>	<i>S-GC</i>

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

MW-17**2H25007-08 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	2.27	0.0100	mg/L	10	P2H2507	08/25/22 12:20	08/25/22 22:10	EPA 8021B	
Toluene	0.00198	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 12:24	EPA 8021B	
Ethylbenzene	0.00135	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 12:24	EPA 8021B	
Xylene (p/m)	0.151	0.00200	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 12:24	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2H2507	08/25/22 12:20	08/26/22 12:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.3 %		80-120		P2H2507	08/25/22 12:20	08/26/22 12:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	148 %		80-120		P2H2507	08/25/22 12:20	08/26/22 12:24	EPA 8021B	S-GC

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
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Batch P2H2507 - * DEFAULT PREP *****

Blank (P2H2507-BLK1)

Prepared & Analyzed: 08/25/22

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	0.00206	0.00200	"							
Xylene (o)	0.00118	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.205		"	0.120		170	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0965		"	0.120		80.4	80-120			

LCS (P2H2507-BS1)

Prepared & Analyzed: 08/25/22

Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.198		"	0.120		165	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0981		"	0.120		81.7	80-120			

LCS Dup (P2H2507-BSD1)

Prepared & Analyzed: 08/25/22

Benzene	0.111	0.00100	mg/L	0.100		111	80-120	1.34	20	
Toluene	0.104	0.00100	"	0.100		104	80-120	0.375	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	0.190	20	
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120	1.28	20	
Xylene (o)	0.100	0.00100	"	0.100		100	80-120	0.825	20	
Surrogate: 4-Bromofluorobenzene	0.205		"	0.120		171	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0964		"	0.120		80.3	80-120			

Calibration Blank (P2H2507-CCB1)

Prepared & Analyzed: 08/25/22

Benzene	0.250		ug/l							
Toluene	0.330		"							
Ethylbenzene	0.900		"							
Xylene (p/m)	1.75		"							
Xylene (o)	1.00		"							
Surrogate: 4-Bromofluorobenzene	0.198		"	0.120		165	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0971		"	0.120		80.9	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
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Batch P2H2507 - * DEFAULT PREP *****

Calibration Blank (P2H2507-CCB2)

Prepared & Analyzed: 08/25/22

Benzene	0.320		ug/l							
Toluene	0.250		"							
Ethylbenzene	0.720		"							
Xylene (p/m)	1.53		"							
Xylene (o)	0.930		"							
Surrogate: 4-Bromofluorobenzene	0.165		"	0.120		138	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Calibration Check (P2H2507-CCV1)

Prepared & Analyzed: 08/25/22

Benzene	0.113	0.00100	mg/L	0.102		111	80-120			
Toluene	0.105	0.00100	"	0.102		102	80-120			
Ethylbenzene	0.111	0.00100	"	0.102		109	80-120			
Xylene (p/m)	0.224	0.00200	"	0.204		110	80-120			
Xylene (o)	0.103	0.00100	"	0.102		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.193		"	0.120		161	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0962		"	0.120		80.2	80-120			

Calibration Check (P2H2507-CCV2)

Prepared & Analyzed: 08/25/22

Benzene	0.101	0.00100	mg/L	0.102		99.2	80-120			
Toluene	0.0931	0.00100	"	0.102		91.3	80-120			
Ethylbenzene	0.0928	0.00100	"	0.102		91.0	80-120			
Xylene (p/m)	0.187	0.00200	"	0.204		91.9	80-120			
Xylene (o)	0.0915	0.00100	"	0.102		89.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.166		"	0.120		139	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			

Calibration Check (P2H2507-CCV3)

Prepared & Analyzed: 08/25/22

Benzene	0.0925	0.00100	mg/L	0.102		90.7	80-120			
Toluene	0.0845	0.00100	"	0.102		82.9	80-120			
Ethylbenzene	0.0917	0.00100	"	0.102		89.9	80-120			
Xylene (p/m)	0.186	0.00200	"	0.204		91.2	80-120			
Xylene (o)	0.0855	0.00100	"	0.102		83.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.162		"	0.120		135	80-120			S-GC

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

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
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Batch P2H2507 - * DEFAULT PREP *****

Matrix Spike (P2H2507-MS1)		Source: 2H25006-01			Prepared & Analyzed: 08/25/22					
Benzene	0.0943	0.00100	mg/L	0.100	ND	94.3	80-120			
Toluene	0.0892	0.00100	"	0.100	ND	89.2	80-120			
Ethylbenzene	0.0878	0.00100	"	0.100	ND	87.8	80-120			
Xylene (p/m)	0.171	0.00200	"	0.200	ND	85.3	80-120			
Xylene (o)	0.0859	0.00100	"	0.100	ND	85.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.157		"	0.120		131	80-120			S-GC

Matrix Spike Dup (P2H2507-MSD1)		Source: 2H25006-01			Prepared & Analyzed: 08/25/22					
Benzene	0.111	0.00100	mg/L	0.100	ND	111	80-120	15.9	20	
Toluene	0.103	0.00100	"	0.100	ND	103	80-120	14.4	20	
Ethylbenzene	0.103	0.00100	"	0.100	ND	103	80-120	16.4	20	
Xylene (p/m)	0.199	0.00200	"	0.200	ND	99.4	80-120	15.3	20	
Xylene (o)	0.104	0.00100	"	0.100	ND	104	80-120	19.0	20	
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.162		"	0.120		135	80-120			S-GC

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

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

pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.

NPBEL C Chain of Custody was not generated at PBELAB

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

9/9/2022

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

PBMLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-661-4184

Page 1 of 2

Project Name: 97-18

Project #: TNM 97-18

Project Loc: Lea County, New Mexico

PO #:

Report Format: ☐ Standard ☐ TRRP ☐ NPDES

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 10 Destia Drive, Ste 130E

City/State/Zip: Midland, TX 79705

Telephone No: 432.520.7720

Fax No:

Sampler Signature: *[Signature]*e-mail: cstanley@trccompanies.com
cbrvant@paalp.com
khudgens@paalp.com

(lab use only)

ORDER #: 2H25007

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	Matrix	ANALYZE FOR	TOTAL	TCLP	Standard	TRRP	NPDES	
1	MMW-23			8-24-22	1400		3	X									GW							
2	MMW-3				1440		3	X									GW							
3	MMW-10				1503		3	X									GW							
4	RW-1				1531		3	X									GW							
5	MMW-26				1558		3	X									GW							
6	MMW-25				1619		3	X									GW							
7	MMW-18				1644		3	X									GW							
8	MMW-17				1707		3	X									GW							
	MMW-5						3	X									GW							

Special Instructions:

Relinquished by: *Wanny* Date: 8-25-22 Time: 8:10 Received by: *[Signature]* Date: 8-25-22 Time: 8:10Relinquished by: *Wanny* Date: 8-25-22 Time: 8:10 Received by: *[Signature]* Date: 8-25-22 Time: 8:10Relinquished by: *Wanny* Date: 8-25-22 Time: 8:10 Received by: *[Signature]* Date: 8-25-22 Time: 8:10Relinquished by: *Wanny* Date: 8-25-22 Time: 8:10 Received by: *[Signature]* Date: 8-25-22 Time: 8:10

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Head Space?

Labels on Containers?

Custody seals on containers?

Custody seals on cooler(s)?

Sample Hand Delivered

by Sampler/Client Rep.?

Temperature Upon Receipt

Adjusted:

5.0 +1.0 6.0 6.4

**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, NM
Lab Order Number: 2J19001



Current Certification

Report Date: 11/16/22

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	2J19001-01	Water	10/18/22 11:38	10-19-2022 08:07
MW-6	2J19001-02	Water	10/18/22 12:17	10-19-2022 08:07
MW-2	2J19001-03	Water	10/18/22 12:48	10-19-2022 08:07
MW-4	2J19001-04	Water	10/18/22 14:07	10-19-2022 08:07
MW-24	2J19001-05	Water	10/18/22 14:52	10-19-2022 08:07
RW-2	2J19001-06	Water	10/18/22 15:41	10-19-2022 08:07

Low Level PAHs, Dissolved gases and TOC analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:

https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

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

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

MW-1
2J19001-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 11:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 11:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 11:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 11:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 11:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.3 %		80-120		P2J2102	10/21/22 08:53	10/21/22 11:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.9 %		80-120		P2J2102	10/21/22 08:53	10/21/22 11:36	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:16	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:16	8015M	SUB-13
Methane	0.00210	0.000500	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:16	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	75.0	3.00	mg/L	1	P2J3108	10/31/22 12:06	11/02/22 09:13	8000	QAL1
Nitrate as N	1.48	0.200	mg/L	1	P2J1902	10/19/22 12:02	10/19/22 14:34	EPA 300.0	
Sulfate	3780	100	mg/L	100	P2J1902	10/19/22 12:02	10/19/22 18:10	EPA 300.0	
Total Organic Carbon	23.2	10.0	mg/L	1	P2K1410	10/27/22 13:12	10/27/22 13:12	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:37	EPA 6010B	QAL1
Manganese	0.0340	0.100	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:37	EPA 6010B	QAL1, J

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
2J19001-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0109	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 11:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 11:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 11:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 11:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 11:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	76.8 %	80-120			P2J2102	10/21/22 08:53	10/21/22 11:58	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	91.5 %	80-120			P2J2102	10/21/22 08:53	10/21/22 11:58	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:27	8015M	SUB-13
Ethene	0.00185	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:27	8015M	SUB-13
Methane	0.00804	0.000500	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:27	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	108	3.00	mg/L	1	P2J3108	10/31/22 12:06	11/02/22 09:13	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2J1902	10/19/22 12:02	10/19/22 15:28	EPA 300.0	
Sulfate	4280	100	mg/L	100	P2J1902	10/19/22 12:02	10/19/22 19:04	EPA 300.0	
Total Organic Carbon	27.9	10.0	mg/L	1	P2K1410	10/27/22 13:12	10/27/22 13:25	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.343	0.200	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:40	EPA 6010B	QAL1
Manganese	0.0417	0.100	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:40	EPA 6010B	QAL1, J

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.012	0.010	mg/L	10	P2K1401	10/24/22 17:00	11/04/22 22:25	8270C	SUB-13
2-Methylnaphthalene	0.0027	0.0010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Acenaphthene	0.00045	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Acenaphthylene	0.00050	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Anthracene	0.00047	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Benzo (a) anthracene	0.00029	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Chrysene	0.00029	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Fluoranthene	0.00036	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Fluorene	0.0016	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Naphthalene	0.0016	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Phenanthrene	0.0020	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	8270C	SUB-13
Pyrene	0.00030	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:00	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-2
2J19001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0179	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 12:20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 12:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 12:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 12:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 12:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	86.8 %		80-120		P2J2102	10/21/22 08:53	10/21/22 12:20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.4 %		80-120		P2J2102	10/21/22 08:53	10/21/22 12:20	EPA 8021B	
Ethane	0.00177	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:35	8015M	SUB-13
Ethene	0.00231	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:35	8015M	SUB-13
Methane	0.0353	0.000500	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:35	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	63.0	3.00	mg/L	1	P2J3108	10/31/22 12:06	11/02/22 09:13	8000	QAL1
Nitrate as N	3.04	0.200	mg/L	1	P2J1902	10/19/22 12:02	10/19/22 15:46	EPA 300.0	
Sulfate	2410	100	mg/L	100	P2J1902	10/19/22 12:02	10/19/22 19:22	EPA 300.0	
Total Organic Carbon	17.0	10.0	mg/L	1	P2K1410	10/27/22 13:12	10/27/22 13:37	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:43	EPA 6010B	QAL1
Manganese	0.0445	0.100	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:43	EPA 6010B	QAL1, J

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-4
2J19001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	3.36	0.0100	mg/L	10	P2J2102	10/21/22 08:53	10/21/22 12:41	EPA 8021B	
Toluene	ND	0.0100	mg/L	10	P2J2102	10/21/22 08:53	10/21/22 12:41	EPA 8021B	
Ethylbenzene	0.0205	0.0100	mg/L	10	P2J2102	10/21/22 08:53	10/21/22 12:41	EPA 8021B	
Xylene (p/m)	0.0933	0.0200	mg/L	10	P2J2102	10/21/22 08:53	10/21/22 12:41	EPA 8021B	
Xylene (o)	ND	0.0100	mg/L	10	P2J2102	10/21/22 08:53	10/21/22 12:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	91.3 %	80-120			P2J2102	10/21/22 08:53	10/21/22 12:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.7 %	80-120			P2J2102	10/21/22 08:53	10/21/22 12:41	EPA 8021B	
Ethane	0.00405	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:47	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:47	8015M	SUB-13
Methane	1.19	0.0500	mg/L	100	P2K1410	10/24/22 11:16	10/24/22 13:16	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	640	3.00	mg/L	1	P2J3108	10/31/22 12:06	11/02/22 09:13	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2J1902	10/19/22 12:02	10/19/22 16:04	EPA 300.0	
Sulfate	1050	50.0	mg/L	50	P2J1902	10/19/22 12:02	10/19/22 19:40	EPA 300.0	
Total Organic Carbon	116	10.0	mg/L	1	P2K1410	10/27/22 13:12	10/27/22 13:51	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:46	EPA 6010B	QAL1
Manganese	0.0113	0.100	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:46	EPA 6010B	QAL1, J

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.050	0.00011	mg/L	10	P2K1401	10/24/22 17:00	10/27/22 14:40	8270C	SUB-13
2-Methylnaphthalene	0.021	0.00011	mg/L	10	P2K1401	10/24/22 17:00	10/27/22 14:40	8270C	SUB-13
Acenaphthene	0.00018	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Acenaphthylene	0.00020	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Anthracene	0.00056	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Benzo (a) anthracene	ND	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Benzo (a) pyrene	ND	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Chrysene	ND	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Fluoranthene	ND	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Fluorene	0.0013	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Naphthalene	0.031	0.0011	mg/L	10	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Phenanthrene	0.0035	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	8270C	SUB-13
Pyrene	ND	0.00011	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:21	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-24
2J19001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	2.45	0.0500	mg/L	50	P2J2102	10/21/22 08:53	10/24/22 10:01	EPA 8021B	
Toluene	0.0186	0.0100	mg/L	10	P2J2102	10/21/22 08:53	10/21/22 13:03	EPA 8021B	
Ethylbenzene	0.824	0.0100	mg/L	10	P2J2102	10/21/22 08:53	10/21/22 13:03	EPA 8021B	
Xylene (p/m)	0.324	0.0200	mg/L	10	P2J2102	10/21/22 08:53	10/21/22 13:03	EPA 8021B	
Xylene (o)	0.0104	0.0100	mg/L	10	P2J2102	10/21/22 08:53	10/21/22 13:03	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>96.3 %</i>		<i>80-120</i>		<i>P2J2102</i>	<i>10/21/22 08:53</i>	<i>10/21/22 13:03</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>114 %</i>		<i>80-120</i>		<i>P2J2102</i>	<i>10/21/22 08:53</i>	<i>10/21/22 13:03</i>	<i>EPA 8021B</i>	
Ethane	0.00805	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:56	8015M	SUB-13
Ethene	0.00674	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 11:56	8015M	SUB-13
Methane	1.43	0.0500	mg/L	100	P2K1410	10/24/22 11:16	10/24/22 13:24	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	710	3.00	mg/L	1	P2J3108	10/31/22 12:06	11/02/22 09:13	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P2J1902	10/19/22 12:02	10/19/22 16:22	EPA 300.0	
Sulfate	675	25.0	mg/L	25	P2J1902	10/19/22 12:02	10/19/22 19:58	EPA 300.0	
Total Organic Carbon	106	10.0	mg/L	1	P2K1410	10/27/22 13:12	10/27/22 14:32	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:49	EPA 6010B	QAL1
Manganese	ND	0.100	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:49	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

RW-2
2J19001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0368	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 13:25	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 13:25	EPA 8021B	
Ethylbenzene	0.0201	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 13:25	EPA 8021B	
Xylene (p/m)	0.0109	0.00200	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 13:25	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 08:53	10/21/22 13:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	88.1 %	80-120			P2J2102	10/21/22 08:53	10/21/22 13:25	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	88.5 %	80-120			P2J2102	10/21/22 08:53	10/21/22 13:25	EPA 8021B	
Ethane	0.00223	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 12:06	8015M	SUB-13
Ethene	0.00299	0.00100	mg/L	1	P2K1410	10/24/22 11:16	10/24/22 12:06	8015M	SUB-13
Methane	0.0723	0.00250	mg/L	5	P2K1410	10/24/22 11:16	10/24/22 13:33	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	77.0	3.00	mg/L	1	P2J3108	10/31/22 12:06	11/02/22 09:13	8000	QAL1
Nitrate as N	3.80	0.200	mg/L	1	P2J1902	10/19/22 12:02	10/19/22 16:40	EPA 300.0	
Sulfate	3090	100	mg/L	100	P2J1902	10/19/22 12:02	10/19/22 20:16	EPA 300.0	
Total Organic Carbon	18.9	10.0	mg/L	1	P2K1410	10/27/22 13:12	10/27/22 14:44	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:52	EPA 6010B	QAL1
Manganese	0.0557	0.100	mg/L	1	P2J2504	10/25/22 09:12	10/27/22 14:52	EPA 6010B	QAL1, J

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0085	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
2-Methylnaphthalene	0.0050	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Acenaphthene	0.00025	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Acenaphthylene	0.00029	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Anthracene	0.00015	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Fluorene	0.00077	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Naphthalene	0.0042	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Phenanthrene	0.00076	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2K1401	10/24/22 17:00	10/25/22 19:41	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

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_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
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Batch P2J2102 - * DEFAULT PREP *****

Blank (P2J2102-BLK1)

Prepared & Analyzed: 10/21/22

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	0.00122	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.6	80-120			

LCS (P2J2102-BS1)

Prepared & Analyzed: 10/21/22

Benzene	0.0967	0.00100	mg/L	0.100		96.7	80-120			
Toluene	0.0952	0.00100	"	0.100		95.2	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200		98.8	80-120			
Xylene (o)	0.0859	0.00100	"	0.100		85.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

LCS Dup (P2J2102-BSD1)

Prepared & Analyzed: 10/21/22

Benzene	0.0993	0.00100	mg/L	0.100		99.3	80-120	2.70	20	
Toluene	0.101	0.00100	"	0.100		101	80-120	5.81	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	9.64	20	
Xylene (p/m)	0.219	0.00200	"	0.200		109	80-120	10.3	20	
Xylene (o)	0.0954	0.00100	"	0.100		95.4	80-120	10.4	20	
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.9	80-120			

Calibration Blank (P2J2102-CCB1)

Prepared & Analyzed: 10/21/22

Benzene	0.0600		ug/l							
Toluene	0.360		"							
Ethylbenzene	0.610		"							
Xylene (p/m)	1.46		"							
Xylene (o)	1.20		"							
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.6	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
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Batch P2J2102 - * DEFAULT PREP *****

Calibration Blank (P2J2102-CCB2)

Prepared & Analyzed: 10/21/22

Benzene	0.0800		ug/l							
Toluene	0.290		"							
Ethylbenzene	0.480		"							
Xylene (p/m)	1.16		"							
Xylene (o)	0.990		"							
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.1	80-120			

Calibration Check (P2J2102-CCV1)

Prepared & Analyzed: 10/21/22

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0905	0.00100	"	0.100		90.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

Calibration Check (P2J2102-CCV2)

Prepared & Analyzed: 10/21/22

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		110	80-120			
Xylene (o)	0.0968	0.00100	"	0.100		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.8	80-120			

Calibration Check (P2J2102-CCV3)

Prepared & Analyzed: 10/21/22

Benzene	0.120	0.00100	mg/L	0.100		120	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.1	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_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
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Batch P2J2102 - * DEFAULT PREP *****

Matrix Spike (P2J2102-MS1)		Source: 2J19001-01			Prepared & Analyzed: 10/21/22					
Benzene	0.105	0.00100	mg/L	0.100	ND	105	80-120			
Toluene	0.0948	0.00100	"	0.100	ND	94.8	80-120			
Ethylbenzene	0.0976	0.00100	"	0.100	ND	97.6	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200	ND	92.3	80-120			
Xylene (o)	0.0838	0.00100	"	0.100	ND	83.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			
Matrix Spike Dup (P2J2102-MSD1)		Source: 2J19001-01			Prepared & Analyzed: 10/21/22					
Benzene	0.0961	0.00100	mg/L	0.100	ND	96.1	80-120	9.07	20	
Toluene	0.0871	0.00100	"	0.100	ND	87.1	80-120	8.46	20	
Ethylbenzene	0.0899	0.00100	"	0.100	ND	89.9	80-120	8.22	20	
Xylene (p/m)	0.170	0.00200	"	0.200	ND	84.9	80-120	8.43	20	
Xylene (o)	0.0787	0.00100	"	0.100	ND	78.7	80-120	6.27	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	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_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 P2J1902 - *** DEFAULT PREP ***										
Blank (P2J1902-BLK1)	Prepared & Analyzed: 10/19/22									
Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							
LCS (P2J1902-BS1)	Prepared: 10/19/22 Analyzed: 10/20/22									
Sulfate	18.4		mg/L	20.0		92.2	90-110			
Nitrate as N	1.94		"	2.00		97.2	90-110			
LCS Dup (P2J1902-BSD1)	Prepared: 10/19/22 Analyzed: 10/20/22									
Sulfate	18.5		mg/L	20.0		92.3	90-110	0.190	10	
Nitrate as N	1.95		"	2.00		97.3	90-110	0.0514	10	
Calibration Check (P2J1902-CCV1)	Prepared: 10/19/22 Analyzed: 10/20/22									
Sulfate	18.6		mg/L	20.0		93.0	90-110			
Nitrate as N	1.96		"	2.00		98.0	90-110			
Calibration Check (P2J1902-CCV2)	Prepared: 10/19/22 Analyzed: 10/20/22									
Nitrate as N	1.93		mg/L	2.00		96.3	90-110			
Sulfate	18.3		"	20.0		91.4	90-110			
Calibration Check (P2J1902-CCV3)	Prepared: 10/19/22 Analyzed: 10/20/22									
Nitrate as N	1.94		mg/L	2.00		97.2	90-110			
Sulfate	18.5		"	20.0		92.3	90-110			
Matrix Spike (P2J1902-MS1)	Source: 2J19001-01		Prepared & Analyzed: 10/19/22							
Nitrate as N	5.81	0.200	mg/L	4.00	1.48	108	80-120			
Matrix Spike (P2J1902-MS2)	Source: 2J19001-01		Prepared & Analyzed: 10/19/22							
Sulfate	4220	100	mg/L	200	3780	219	80-120			QM-05

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 P2J1902 - *** DEFAULT PREP ***										
Matrix Spike Dup (P2J1902-MSD1)	Source: 2J19001-01			Prepared & Analyzed: 10/19/22						
Nitrate as N	5.70	0.200	mg/L	4.00	1.48	106	80-120	1.89	20	
Matrix Spike Dup (P2J1902-MSD2)	Source: 2J19001-01			Prepared & Analyzed: 10/19/22						
Sulfate	3870	100	mg/L	200	3780	46.7	80-120	8.54	20	QM-05
Batch P2J3108 - *** DEFAULT PREP ***										
Blank (P2J3108-BLK1)	Prepared: 10/31/22 Analyzed: 11/02/22									
Chemical Oxygen Demand	ND	3.00	mg/L							QAL1
LCS (P2J3108-BS1)	Prepared: 10/31/22 Analyzed: 11/02/22									
Chemical Oxygen Demand	93.0	3.00	mg/L	100		93.0	80-120			QAL1
LCS Dup (P2J3108-BSD1)	Prepared: 10/31/22 Analyzed: 11/02/22									
Chemical Oxygen Demand	102	3.00	mg/L	100		102	80-120	9.23	20	QAL1
Duplicate (P2J3108-DUP1)	Source: 2J19001-01			Prepared: 10/31/22 Analyzed: 11/02/22						
Chemical Oxygen Demand	73.0	3.00	mg/L		75.0			2.70	20	QAL1
Duplicate (P2J3108-DUP2)	Source: 2J28003-06			Prepared: 10/31/22 Analyzed: 11/02/22						
Chemical Oxygen Demand	66.0	3.00	mg/L		68.0			2.99	20	QAL1
Matrix Spike (P2J3108-MS1)	Source: 2J19001-01			Prepared: 10/31/22 Analyzed: 11/02/22						
Chemical Oxygen Demand	153	3.00	mg/L	100	75.0	78.0	80-120			QAL1
Matrix Spike (P2J3108-MS2)	Source: 2J28003-06			Prepared: 10/31/22 Analyzed: 11/02/22						
Chemical Oxygen Demand	170	3.00	mg/L	100	68.0	102	80-120			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
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Batch P2J3108 - * DEFAULT PREP *****

Matrix Spike Dup (P2J3108-MSD1)

Source: 2J19001-01

Prepared: 10/31/22 Analyzed: 11/02/22

Chemical Oxygen Demand	153	3.00	mg/L	100	75.0	78.0	80-120	0.00	20	QAL1
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Matrix Spike Dup (P2J3108-MSD2)

Source: 2J28003-06

Prepared: 10/31/22 Analyzed: 11/02/22

Chemical Oxygen Demand	172	3.00	mg/L	100	68.0	104	80-120	1.17	20	QAL1
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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 P2J2504 - *** DEFAULT PREP ***										
Blank (P2J2504-BLK1)				Prepared: 10/25/22 Analyzed: 10/27/22						
Iron	ND	0.200	mg/L							QAL1
Manganese	ND	0.100	"							QAL1
LCS (P2J2504-BS1)				Prepared: 10/25/22 Analyzed: 10/27/22						
Manganese	0.227	0.100	mg/L	0.200		113	80-120			QAL1
Iron	0.475	0.200	"	0.400		119	80-120			QAL1
LCS Dup (P2J2504-BSD1)				Prepared: 10/25/22 Analyzed: 10/27/22						
Manganese	0.222	0.100	mg/L	0.200		111	80-120	2.32	20	QAL1
Iron	0.477	0.200	"	0.400		119	80-120	0.415	20	QAL1
Calibration Blank (P2J2504-CCB1)				Prepared: 10/25/22 Analyzed: 10/27/22						
Manganese	-0.000623		mg/L							QAL1
Iron	-0.00886		"							QAL1
Calibration Blank (P2J2504-CCB2)				Prepared: 10/25/22 Analyzed: 10/27/22						
Manganese	-0.000815		mg/L							QAL1
Iron	-0.0118		"							QAL1
Calibration Check (P2J2504-CCV1)				Prepared: 10/25/22 Analyzed: 10/27/22						
Manganese	0.215	0.100	mg/L	0.200		107	80-120			QAL1
Iron	0.445	0.200	"	0.400		111	80-120			QAL1
Calibration Check (P2J2504-CCV2)				Prepared: 10/25/22 Analyzed: 10/27/22						
Manganese	0.207	0.100	mg/L	0.200		104	80-120			QAL1
Iron	0.466	0.200	"	0.400		117	80-120			QAL1
Matrix Spike (P2J2504-MS1)				Source: 2J19001-01		Prepared: 10/25/22 Analyzed: 10/27/22				
Manganese	0.258	0.100	mg/L	0.200	0.0340	112	75-125			QAL1
Iron	0.589	0.200	"	0.400	0.00530	146	75-125			QAL1, QM-05

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_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-18
Midland TX, 79705	Project Manager: Curt Stanley

Dissolved Metals by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2J2504 - *** DEFAULT PREP ***

Matrix Spike Dup (P2J2504-MSD1)	Source: 2J19001-01			Prepared: 10/25/22 Analyzed: 10/27/22						
Manganese	0.250	0.100	mg/L	0.200	0.0340	108	75-125	3.19	20	QAL1
Iron	0.544	0.200	"	0.400	0.00530	135	75-125	8.07	20	QAL1, QM-05

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.

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

ROI Received on Ice

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

QAL1 The Laboratory is not TNI Certified for this analyte or analysis.

pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.

NPBEL C Chain of Custody was not generated at PBELAB

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:

11/16/2022

Brent Barron, Laboratory Director/Technical Director

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

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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.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB SUB COC V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Fax No:

Report Format: X Standard

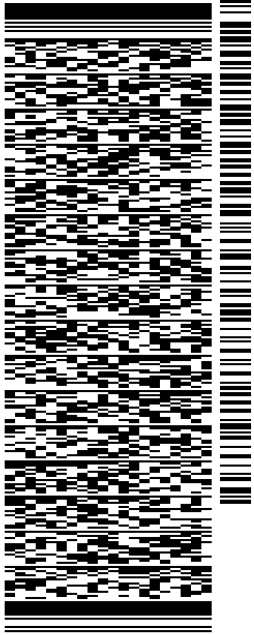
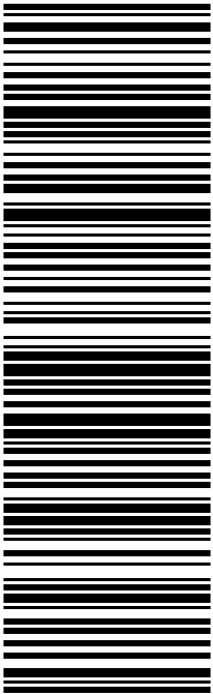
☐ TRRP

☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

[illegible]

ORIGIN ID:MAFA BRENT BARRON PBE LAB 1400 RANKIN HWY MIDLAND, TX 79701 UNITED STATES US	(432) 686-7235 SHIP DATE: 19OCT22 ACTWGT: 15.00 LB CAD: 107136846/INET4530
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HOUSTON TX 77099 REF: (281) 530-5615 INV: PO: DEPT:	
	
	
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T: +1 281 530 5656
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November 10, 2022

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

Work Order: **HS22101046**

Laboratory Results for: **2J19001**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Oct 20, 2022 for the analysis presented in the following report.

This is a REVISED REPORT. Please see the Case Narrative for discussion concerning this revision.

Regards,

A handwritten signature in black ink that reads 'Anna M. Kinchen'.

Generated By: JUMOKE.LAWAL
Anna Kinchen
Project Manager

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J19001
Work Order: HS22101046

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS22101046-01	2J19001-01	Water		18-Oct-2022 11:38	20-Oct-2022 09:20	☐
HS22101046-02	2J19001-02	Water		18-Oct-2022 12:17	20-Oct-2022 09:20	☐
HS22101046-03	2J19001-03	Water		18-Oct-2022 12:48	20-Oct-2022 09:20	☐
HS22101046-04	2J19001-04	Water		18-Oct-2022 14:07	20-Oct-2022 09:20	☐
HS22101046-05	2J19001-05	Water		18-Oct-2022 14:52	20-Oct-2022 09:20	☐
HS22101046-06	2J19001-06	Water		18-Oct-2022 15:41	20-Oct-2022 09:20	☐

Revision:1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J19001
Work Order: HS22101046

CASE NARRATIVE**Work Order Comments**

- Revised this report on 11-10-22 to include 1-Methylnaphthalene and 2-Methylnaphthalene in the PAH list per client request.

GC Semivolatiles by Method RSK-175**Batch ID: R420187****Sample ID: HS22100970-03MS**

- MS and MSD are for an unrelated sample

GCMS Semivolatiles by Method SW8270**Batch ID: 185249****Sample ID: LCSD-185249**

- LCSD RPD was above the upper control limit. The individual recoveries were in control. (Benz(a)anthracene)

WetChemistry by Method E415.1**Batch ID: R420420****Sample ID: HS22100656-01MS**

- MS is for an unrelated sample

ALS Houston, US

Date: 10-Nov-22

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	2J19001	WorkOrder:HS22101046
Sample ID:	2J19001-01	Lab ID:HS22101046-01
Collection Date:	18-Oct-2022 11:38	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	24-Oct-2022 11:16
Ethene	ND		1.00	ug/L	1	24-Oct-2022 11:16
Methane	2.10		0.500	ug/L	1	24-Oct-2022 11:16
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	23.2		10.0	mg/L	10	27-Oct-2022 13:12

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
 Project: 2J19001
 Sample ID: 2J19001-02
 Collection Date: 18-Oct-2022 12:17

ANALYTICAL REPORT

WorkOrder:HS22101046
 Lab ID:HS22101046-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 24-Oct-2022		Analyst: MBG
1-Methylnaphthalene	12.0	n	1.01	ug/L	10	04-Nov-2022 22:25
2-Methylnaphthalene	2.71		0.101	ug/L	1	25-Oct-2022 19:00
Acenaphthene	0.448		0.101	ug/L	1	25-Oct-2022 19:00
Acenaphthylene	0.504		0.101	ug/L	1	25-Oct-2022 19:00
Anthracene	0.474		0.101	ug/L	1	25-Oct-2022 19:00
Benz(a)anthracene	0.285		0.101	ug/L	1	25-Oct-2022 19:00
Benzo(a)pyrene	ND		0.101	ug/L	1	25-Oct-2022 19:00
Benzo(b)fluoranthene	ND		0.101	ug/L	1	25-Oct-2022 19:00
Benzo(g,h,i)perylene	ND		0.101	ug/L	1	25-Oct-2022 19:00
Benzo(k)fluoranthene	ND		0.101	ug/L	1	25-Oct-2022 19:00
Chrysene	0.291		0.101	ug/L	1	25-Oct-2022 19:00
Dibenz(a,h)anthracene	ND		0.101	ug/L	1	25-Oct-2022 19:00
Fluoranthene	0.363		0.101	ug/L	1	25-Oct-2022 19:00
Fluorene	1.64		0.101	ug/L	1	25-Oct-2022 19:00
Indeno(1,2,3-cd)pyrene	ND		0.101	ug/L	1	25-Oct-2022 19:00
Naphthalene	1.56		0.101	ug/L	1	25-Oct-2022 19:00
Phenanthrene	1.96		0.101	ug/L	1	25-Oct-2022 19:00
Pyrene	0.301		0.101	ug/L	1	25-Oct-2022 19:00
Surr: 2-Fluorobiphenyl	97.9		32-130	%REC	1	25-Oct-2022 19:00
Surr: 2-Fluorobiphenyl	122		32-130	%REC	10	04-Nov-2022 22:25
Surr: 4-Terphenyl-d14	123		40-135	%REC	10	04-Nov-2022 22:25
Surr: 4-Terphenyl-d14	109		40-135	%REC	1	25-Oct-2022 19:00
Surr: Nitrobenzene-d5	107		45-142	%REC	1	25-Oct-2022 19:00
Surr: Nitrobenzene-d5	87.4		45-142	%REC	10	04-Nov-2022 22:25
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	ND		1.00	ug/L	1	24-Oct-2022 11:27
Ethene	1.85		1.00	ug/L	1	24-Oct-2022 11:27
Methane	8.04		0.500	ug/L	1	24-Oct-2022 11:27
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	27.9		10.0	mg/L	10	27-Oct-2022 13:25

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

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client:Permian Basin Environmental Lab, LP

Project:2J19001

Sample ID:2J19001-03

Collection Date:18-Oct-2022 12:48

ANALYTICAL REPORT

WorkOrder:HS22101046

Lab ID:HS22101046-03

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	1.77		1.00	ug/L	1	24-Oct-2022 11:35
Ethene	2.31		1.00	ug/L	1	24-Oct-2022 11:35
Methane	35.3		0.500	ug/L	1	24-Oct-2022 11:35
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	17.0		10.0	mg/L	10	27-Oct-2022 13:37

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

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
 Project: 2J19001
 Sample ID: 2J19001-04
 Collection Date: 18-Oct-2022 14:07

ANALYTICAL REPORT

WorkOrder:HS22101046
 Lab ID:HS22101046-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 24-Oct-2022		Analyst: MBG
1-Methylnaphthalene	49.8	n	1.06	ug/L	10	27-Oct-2022 14:40
2-Methylnaphthalene	20.9		1.06	ug/L	10	27-Oct-2022 14:40
Acenaphthene	0.178		0.106	ug/L	1	25-Oct-2022 19:21
Acenaphthylene	0.204		0.106	ug/L	1	25-Oct-2022 19:21
Anthracene	0.562		0.106	ug/L	1	25-Oct-2022 19:21
Benz(a)anthracene	ND		0.106	ug/L	1	25-Oct-2022 19:21
Benzo(a)pyrene	ND		0.106	ug/L	1	25-Oct-2022 19:21
Benzo(b)fluoranthene	ND		0.106	ug/L	1	25-Oct-2022 19:21
Benzo(g,h,i)perylene	ND		0.106	ug/L	1	25-Oct-2022 19:21
Benzo(k)fluoranthene	ND		0.106	ug/L	1	25-Oct-2022 19:21
Chrysene	ND		0.106	ug/L	1	25-Oct-2022 19:21
Dibenz(a,h)anthracene	ND		0.106	ug/L	1	25-Oct-2022 19:21
Fluoranthene	ND		0.106	ug/L	1	25-Oct-2022 19:21
Fluorene	1.25		0.106	ug/L	1	25-Oct-2022 19:21
Indeno(1,2,3-cd)pyrene	ND		0.106	ug/L	1	25-Oct-2022 19:21
Naphthalene	30.9		1.06	ug/L	10	27-Oct-2022 14:40
Phenanthrene	3.47		0.106	ug/L	1	25-Oct-2022 19:21
Pyrene	ND		0.106	ug/L	1	25-Oct-2022 19:21
Surr: 2-Fluorobiphenyl	60.1		32-130	%REC	1	25-Oct-2022 19:21
Surr: 2-Fluorobiphenyl	117		32-130	%REC	10	27-Oct-2022 14:40
Surr: 4-Terphenyl-d14	69.1		40-135	%REC	10	27-Oct-2022 14:40
Surr: 4-Terphenyl-d14	72.8		40-135	%REC	1	25-Oct-2022 19:21
Surr: Nitrobenzene-d5	128		45-142	%REC	1	25-Oct-2022 19:21
Surr: Nitrobenzene-d5	100		45-142	%REC	10	27-Oct-2022 14:40
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	4.05		1.00	ug/L	1	24-Oct-2022 11:47
Ethene	ND		1.00	ug/L	1	24-Oct-2022 11:47
Methane	1,190		50.0	ug/L	100	24-Oct-2022 13:16
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	116		10.0	mg/L	10	27-Oct-2022 13:51

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

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client:Permian Basin Environmental Lab, LP

Project:2J19001

Sample ID:2J19001-05

Collection Date:18-Oct-2022 14:52

ANALYTICAL REPORT

WorkOrder:HS22101046

Lab ID:HS22101046-05

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	8.05		1.00	ug/L	1	24-Oct-2022 11:56
Ethene	6.74		1.00	ug/L	1	24-Oct-2022 11:56
Methane	1,430		50.0	ug/L	100	24-Oct-2022 13:24
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	106		10.0	mg/L	10	27-Oct-2022 14:32

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

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
 Project: 2J19001
 Sample ID: 2J19001-06
 Collection Date: 18-Oct-2022 15:41

ANALYTICAL REPORT

WorkOrder:HS22101046
 Lab ID:HS22101046-06
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 24-Oct-2022		Analyst: MBG
1-Methylnaphthalene	8.54	n	0.102	ug/L	1	25-Oct-2022 19:41
2-Methylnaphthalene	5.03		0.102	ug/L	1	25-Oct-2022 19:41
Acenaphthene	0.248		0.102	ug/L	1	25-Oct-2022 19:41
Acenaphthylene	0.286		0.102	ug/L	1	25-Oct-2022 19:41
Anthracene	0.147		0.102	ug/L	1	25-Oct-2022 19:41
Benz(a)anthracene	ND		0.102	ug/L	1	25-Oct-2022 19:41
Benzo(a)pyrene	ND		0.102	ug/L	1	25-Oct-2022 19:41
Benzo(b)fluoranthene	ND		0.102	ug/L	1	25-Oct-2022 19:41
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	25-Oct-2022 19:41
Benzo(k)fluoranthene	ND		0.102	ug/L	1	25-Oct-2022 19:41
Chrysene	ND		0.102	ug/L	1	25-Oct-2022 19:41
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	25-Oct-2022 19:41
Fluoranthene	ND		0.102	ug/L	1	25-Oct-2022 19:41
Fluorene	0.769		0.102	ug/L	1	25-Oct-2022 19:41
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	25-Oct-2022 19:41
Naphthalene	4.24		0.102	ug/L	1	25-Oct-2022 19:41
Phenanthrene	0.760		0.102	ug/L	1	25-Oct-2022 19:41
Pyrene	ND		0.102	ug/L	1	25-Oct-2022 19:41
Surr: 2-Fluorobiphenyl	116		32-130	%REC	1	25-Oct-2022 19:41
Surr: 4-Terphenyl-d14	101		40-135	%REC	1	25-Oct-2022 19:41
Surr: Nitrobenzene-d5	87.6		45-142	%REC	1	25-Oct-2022 19:41
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	2.23		1.00	ug/L	1	24-Oct-2022 12:06
Ethene	2.99		1.00	ug/L	1	24-Oct-2022 12:06
Methane	72.3		2.50	ug/L	5	24-Oct-2022 13:33
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	18.9		10.0	mg/L	10	27-Oct-2022 14:44

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

Revision: 1

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 2J19001
WorkOrder: HS22101046

Batch ID: 185249	Start Date: 24 Oct 2022 17:00	End Date: 25 Oct 2022 14:00
Method: SW3511	Prep Code: 3511_PAH	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS22101046-02		32.72 (mL)	2 (mL)	0.06112	40 mL Amber
HS22101046-04		31.17 (mL)	2 (mL)	0.06416	40 mL Amber
HS22101046-06		32.5 (mL)	2 (mL)	0.06154	40 mL Amber

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J19001
WorkOrder: HS22101046

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 185249 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS22101046-02	2J19001-02	18 Oct 2022 12:17		24 Oct 2022 17:00	25 Oct 2022 19:00	1
HS22101046-02	2J19001-02	18 Oct 2022 12:17		24 Oct 2022 17:00	04 Nov 2022 22:25	10
HS22101046-04	2J19001-04	18 Oct 2022 14:07		24 Oct 2022 17:00	27 Oct 2022 14:40	10
HS22101046-04	2J19001-04	18 Oct 2022 14:07		24 Oct 2022 17:00	25 Oct 2022 19:21	1
HS22101046-06	2J19001-06	18 Oct 2022 15:41		24 Oct 2022 17:00	25 Oct 2022 19:41	1
Batch ID: R420187 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS22101046-01	2J19001-01	18 Oct 2022 11:38			24 Oct 2022 11:16	1
HS22101046-02	2J19001-02	18 Oct 2022 12:17			24 Oct 2022 11:27	1
HS22101046-03	2J19001-03	18 Oct 2022 12:48			24 Oct 2022 11:35	1
HS22101046-04	2J19001-04	18 Oct 2022 14:07			24 Oct 2022 13:16	100
HS22101046-04	2J19001-04	18 Oct 2022 14:07			24 Oct 2022 11:47	1
HS22101046-05	2J19001-05	18 Oct 2022 14:52			24 Oct 2022 13:24	100
HS22101046-05	2J19001-05	18 Oct 2022 14:52			24 Oct 2022 11:56	1
HS22101046-06	2J19001-06	18 Oct 2022 15:41			24 Oct 2022 13:33	5
HS22101046-06	2J19001-06	18 Oct 2022 15:41			24 Oct 2022 12:06	1
Batch ID: R420420 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS22101046-01	2J19001-01	18 Oct 2022 11:38			27 Oct 2022 13:12	10
HS22101046-02	2J19001-02	18 Oct 2022 12:17			27 Oct 2022 13:25	10
HS22101046-03	2J19001-03	18 Oct 2022 12:48			27 Oct 2022 13:37	10
HS22101046-04	2J19001-04	18 Oct 2022 14:07			27 Oct 2022 13:51	10
HS22101046-05	2J19001-05	18 Oct 2022 14:52			27 Oct 2022 14:32	10
HS22101046-06	2J19001-06	18 Oct 2022 15:41			27 Oct 2022 14:44	10

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J19001
WorkOrder: HS22101046

QC BATCH REPORT

Batch ID: R420187 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175						
MBLK	Sample ID: MBLK-221024	Units: ug/L		Analysis Date: 24-Oct-2022 09:23						
Client ID:	Run ID: FID-4_420187	SeqNo: 6940899		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	ND	1.00								
Ethene	ND	1.00								
Methane	ND	0.500								

LCS	Sample ID: LCS-221024	Units: ug/L		Analysis Date: 24-Oct-2022 09:32						
Client ID:	Run ID: FID-4_420187	SeqNo: 6940900		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	21.62	1.00	18.04	0	120	75 - 125				
Ethene	19.34	1.00	16.8	0	115	75 - 125				
Methane	9.299	0.500	9.647	0	96.4	75 - 125				

MS	Sample ID: HS22100970-03MS	Units: ug/L		Analysis Date: 24-Oct-2022 13:50						
Client ID:	Run ID: FID-4_420187	SeqNo: 6940925		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	23.56	1.00	18.04	0	131	75 - 125				S
Ethene	27.15	1.00	16.8	0	162	75 - 125				S
Methane	2165	0.500	9.647	2138	275	75 - 125				SEO

MS	Sample ID: HS22100577-01MS	Units: ug/L		Analysis Date: 24-Oct-2022 09:50						
Client ID:	Run ID: FID-4_420187	SeqNo: 6940902		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	19.82	1.00	18.04	1.43	102	75 - 125				
Ethene	18.86	1.00	16.8	0	112	75 - 125				
Methane	13.42	0.500	9.647	5.669	80.3	75 - 125				

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J19001
WorkOrder: HS22101046

QC BATCH REPORT

Batch ID: R420187 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175							
MSD	Sample ID: HS22100970-03MSD	Units: ug/L		Analysis Date: 24-Oct-2022 13:58							
Client ID:	Run ID: FID-4_420187		SeqNo: 6940926		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Ethane	24.64	1.00	18.04	0	137	75 - 125	23.56	4.48	30	S	
Ethene	31.37	1.00	16.8	0	187	75 - 125	27.15	14.4	30	S	
Methane	2167	0.500	9.647	2138	294	75 - 125	2165	0.0866	30	SEO	

MSD	Sample ID: HS22100577-01MSD	Units: ug/L		Analysis Date: 24-Oct-2022 09:58							
Client ID:	Run ID: FID-4_420187		SeqNo: 6940903		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Ethane	19.79	1.00	18.04	1.43	102	75 - 125	19.82	0.14	30		
Ethene	19.87	1.00	16.8	0	118	75 - 125	18.86	5.22	30		
Methane	13.93	0.500	9.647	5.669	85.7	75 - 125	13.42	3.78	30		

The following samples were analyzed in this batch:

HS22101046-01	HS22101046-02	HS22101046-03	HS22101046-04
HS22101046-05	HS22101046-06		

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ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J19001
WorkOrder: HS22101046

QC BATCH REPORT

Batch ID: 185249 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
MBLK	Sample ID: MBLK-185249	Units: ug/L		Analysis Date: 25-Oct-2022 17:19						
Client ID:	Run ID: SV-6_420348	SeqNo: 6944693		PrepDate: 24-Oct-2022		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								
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	3.407	0.100	3.03	0	112	32 - 130				
Surr: 4-Terphenyl-d14	3.15	0.100	3.03	0	104	40 - 135				
Surr: Nitrobenzene-d5	2.478	0.100	3.03	0	81.8	45 - 142				

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ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J19001
WorkOrder: HS22101046

QC BATCH REPORT

Batch ID: 185249 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-185249		Units: ug/L		Analysis Date: 25-Oct-2022 17:40			
Client ID:		Run ID: SV-6_420348		SeqNo: 6944694		PrepDate: 24-Oct-2022		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	3.613	0.100	3.03	0	119	40 - 140			
2-Methylnaphthalene	2.817	0.100	3.03	0	93.0	40 - 140			
Acenaphthene	2.148	0.100	3.03	0	70.9	40 - 140			
Acenaphthylene	2.144	0.100	3.03	0	70.8	40 - 140			
Anthracene	3.802	0.100	3.03	0	125	40 - 140			
Benz(a)anthracene	3.038	0.100	3.03	0	100	40 - 140			
Benzo(a)pyrene	2.482	0.100	3.03	0	81.9	40 - 140			
Benzo(b)fluoranthene	2.139	0.100	3.03	0	70.6	40 - 140			
Benzo(g,h,i)perylene	2.099	0.100	3.03	0	69.3	40 - 140			
Benzo(k)fluoranthene	2.645	0.100	3.03	0	87.3	40 - 140			
Chrysene	3.091	0.100	3.03	0	102	40 - 140			
Dibenz(a,h)anthracene	2.474	0.100	3.03	0	81.6	40 - 140			
Fluoranthene	2.995	0.100	3.03	0	98.8	40 - 140			
Fluorene	3.148	0.100	3.03	0	104	40 - 140			
Indeno(1,2,3-cd)pyrene	2.107	0.100	3.03	0	69.5	40 - 140			
Naphthalene	2.556	0.100	3.03	0	84.4	40 - 140			
Phenanthrene	2.01	0.100	3.03	0	66.3	40 - 140			
Pyrene	2.515	0.100	3.03	0	83.0	40 - 140			
Surr: 2-Fluorobiphenyl	2.189	0.100	3.03	0	72.2	32 - 130			
Surr: 4-Terphenyl-d14	2.455	0.100	3.03	0	81.0	40 - 135			
Surr: Nitrobenzene-d5	2.148	0.100	3.03	0	70.9	45 - 142			

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J19001
WorkOrder: HS22101046

QC BATCH REPORT

Batch ID: 185249 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-185249		Units: ug/L		Analysis Date: 25-Oct-2022 18:00				
Client ID:		Run ID: SV-6_420348		SeqNo: 6944695		PrepDate: 24-Oct-2022		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.725	0.100	3.03	0	123	40 - 140	3.613	3.05	25	
2-Methylnaphthalene	2.623	0.100	3.03	0	86.6	40 - 140	2.817	7.12	25	
Acenaphthene	2.359	0.100	3.03	0	77.8	40 - 140	2.148	9.36	25	
Acenaphthylene	2.047	0.100	3.03	0	67.6	40 - 140	2.144	4.64	25	
Anthracene	3.701	0.100	3.03	0	122	40 - 140	3.802	2.69	25	
Benz(a)anthracene	2.314	0.100	3.03	0	76.4	40 - 140	3.038	27.1	25	R
Benzo(a)pyrene	2.806	0.100	3.03	0	92.6	40 - 140	2.482	12.2	25	
Benzo(b)fluoranthene	2.053	0.100	3.03	0	67.7	40 - 140	2.139	4.13	25	
Benzo(g,h,i)perylene	2.229	0.100	3.03	0	73.6	40 - 140	2.099	5.98	25	
Benzo(k)fluoranthene	2.812	0.100	3.03	0	92.8	40 - 140	2.645	6.11	25	
Chrysene	2.716	0.100	3.03	0	89.6	40 - 140	3.091	12.9	25	
Dibenz(a,h)anthracene	2.151	0.100	3.03	0	71.0	40 - 140	2.474	13.9	25	
Fluoranthene	2.677	0.100	3.03	0	88.4	40 - 140	2.995	11.2	25	
Fluorene	3.091	0.100	3.03	0	102	40 - 140	3.148	1.84	25	
Indeno(1,2,3-cd)pyrene	2.18	0.100	3.03	0	71.9	40 - 140	2.107	3.41	25	
Naphthalene	2.564	0.100	3.03	0	84.6	40 - 140	2.556	0.303	25	
Phenanthrene	2.214	0.100	3.03	0	73.1	40 - 140	2.01	9.64	25	
Pyrene	2.301	0.100	3.03	0	75.9	40 - 140	2.515	8.88	25	
Surr: 2-Fluorobiphenyl	2.266	0.100	3.03	0	74.8	32 - 130	2.189	3.44	25	
Surr: 4-Terphenyl-d14	2.102	0.100	3.03	0	69.4	40 - 135	2.455	15.5	25	
Surr: Nitrobenzene-d5	2.075	0.100	3.03	0	68.5	45 - 142	2.148	3.44	25	
The following samples were analyzed in this batch:		HS22101046-02 HS22101046-04 HS22101046-06								

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J19001
WorkOrder: HS22101046

QC BATCH REPORT

Batch ID: R420420 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1						
MBLK	Sample ID: MBLK-10272022	Units: mg/L		Analysis Date: 27-Oct-2022 11:47						
Client ID:	Run ID: TOC_04_420420	SeqNo: 6946036		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-10272022	Units: mg/L		Analysis Date: 27-Oct-2022 12:01						
Client ID:	Run ID: TOC_04_420420	SeqNo: 6946037		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.39	1.00	10	0	104	85 - 115				

LCSD	Sample ID: LCSD-10272022	Units: mg/L		Analysis Date: 27-Oct-2022 12:15						
Client ID:	Run ID: TOC_04_420420	SeqNo: 6946038		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.4	1.00	10	0	104	85 - 115	10.39	0.0962	20	

MS	Sample ID: HS22100656-01MS	Units: mg/L		Analysis Date: 27-Oct-2022 12:47						
Client ID:	Run ID: TOC_04_420420	SeqNo: 6946040		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	38	1.00	10	23.21	148	80 - 120				S

The following samples were analyzed in this batch:				HS22101046-01	HS22101046-02	HS22101046-03	HS22101046-04
				HS22101046-05	HS22101046-06		

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J19001
WorkOrder: HS22101046

**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-Nov-22

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	22-041-0	27-Mar-2023
California	2919 2022-2023	30-Apr-2023
Dept of Defense	L21-682	31-Dec-2023
Florida	E87611-36	30-Jun-2023
Illinois	2000322022-9	09-May-2023
Kansas	E-10352; 2022-2023	31-Jul-2023
Kentucky	123043, 2022-2023	30-Apr-2023
Louisiana	03087, 2022-2023	30-Jun-2023
Maryland	343, 2022-2023	30-Jun-2023
North Carolina	624-2022	31-Dec-2022
North Dakota	R-193 2022-2023	30-Apr-2023
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-22-29	30-Apr-2023
Utah	TX026932022-13	31-Jul-2023

ALS Houston, US

Date: 10-Nov-22

Sample Receipt Checklist

Work Order ID: HS22101046

Date/Time Received: 20-Oct-2022 09:20

Client Name: Permian Basin Lab

Received by: Paresh M. Giga

Completed By: /S/ Paresh M. Giga	20-Oct-2022 14:00	Reviewed by: /S/ Anna Kinchen	21-Oct-2022 09:43
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier 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:none
Samplers name present on COC?	Yes ☐	No ☒	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	1.5C/1.3C U/c IR31		
Cooler(s)/Kit(s):	Blue		
Date/Time sample(s) sent to storage:	10/20/22 15:00		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☐	N/A ☒
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

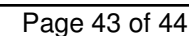
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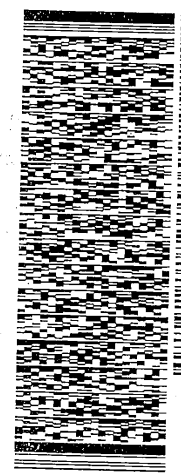
ORIGIN ID:MAFA (432) 686-7235
BRENT BARON
P&E LAB
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US
SHIP DATE: 10/07/22
ACTIVITY: 140015
C&D: 107136945/NET4530
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HOUSTON TX 77099
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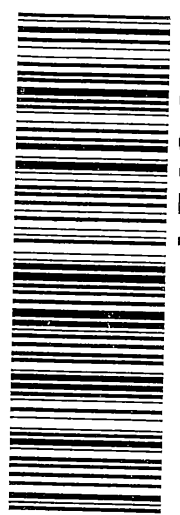


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**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



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: Lea County, NM
Lab Order Number: 2J21001



Current Certification

Report Date: 11/15/22

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
MW-11	2J21001-01	Water	10/19/22 10:48	10-21-2022 09:10
MW-14	2J21001-02	Water	10/19/22 11:15	10-21-2022 09:10
MW-15	2J21001-03	Water	10/19/22 11:40	10-21-2022 09:10
MW-16	2J21001-04	Water	10/19/22 12:00	10-21-2022 09:10
MW-21	2J21001-05	Water	10/19/22 12:22	10-21-2022 09:10
MW-22	2J21001-06	Water	10/19/22 12:41	10-21-2022 09:10
MW-28	2J21001-07	Water	10/19/22 13:05	10-21-2022 09:10
MW-8	2J21001-08	Water	10/19/22 13:41	10-21-2022 09:10
MW-9	2J21001-09	Water	10/19/22 14:08	10-21-2022 09:10
MW-12	2J21001-10	Water	10/19/22 14:35	10-21-2022 09:10
MW-30	2J21001-11	Water	10/19/22 14:52	10-21-2022 09:10
MW-27	2J21001-12	Water	10/19/22 15:10	10-21-2022 09:10
MW-20	2J21001-13	Water	10/19/22 15:32	10-21-2022 09:10
MW-23	2J21001-14	Water	10/19/22 15:50	10-21-2022 09:10
MW-25	2J21001-15	Water	10/19/22 16:07	10-21-2022 09:10
MW-3	2J21001-16	Water	10/19/22 16:30	10-21-2022 09:10
RW-1	2J21001-17	Water	10/19/22 16:58	10-21-2022 09:10
MW-10	2J21001-18	Water	10/19/22 17:13	10-21-2022 09:10
MW-26	2J21001-19	Water	10/19/22 17:35	10-21-2022 09:10
MW-18	2J21001-20	Water	10/19/22 17:45	10-21-2022 09:10
MW-17	2J21001-21	Water	10/19/22 18:07	10-21-2022 09:10

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

MW-11**2J21001-01 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 14:29	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 14:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 14:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 14:29	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 14:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.4 %		80-120		P2J2102	10/21/22 10:43	10/21/22 14:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.3 %		80-120		P2J2102	10/21/22 10:43	10/21/22 14:29	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

MW-14**2J21001-02 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 14:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 14:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 14:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 14:51	EPA 8021B	
Xylene (o)	0.00157	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 14:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.2 %		80-120		P2J2102	10/21/22 10:43	10/21/22 14:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.2 %		80-120		P2J2102	10/21/22 10:43	10/21/22 14:51	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

MW-15**2J21001-03 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 15:57	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 15:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 15:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 15:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 15:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	90.8 %		80-120		P2J2102	10/21/22 10:43	10/21/22 15:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.9 %		80-120		P2J2102	10/21/22 10:43	10/21/22 15:57	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

MW-16**2J21001-04 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 16:19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 16:19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 16:19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 16:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 16:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.7 %		80-120		P2J2102	10/21/22 10:43	10/21/22 16:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.1 %		80-120		P2J2102	10/21/22 10:43	10/21/22 16:19	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

MW-21**2J21001-05 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 16:41	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 16:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 16:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 16:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 16:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	88.7 %		80-120		P2J2102	10/21/22 10:43	10/21/22 16:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.8 %		80-120		P2J2102	10/21/22 10:43	10/21/22 16:41	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

MW-22**2J21001-06 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:02	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:02	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:02	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:02	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.3 %		80-120		P2J2102	10/21/22 10:43	10/21/22 17:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.6 %		80-120		P2J2102	10/21/22 10:43	10/21/22 17:02	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

MW-28**2J21001-07 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:24	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:24	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:24	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:24	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.2 %		80-120		P2J2102	10/21/22 10:43	10/21/22 17:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.8 %		80-120		P2J2102	10/21/22 10:43	10/21/22 17:24	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

MW-8
2J21001-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:46	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:46	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:46	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 17:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	88.6 %		80-120		P2J2102	10/21/22 10:43	10/21/22 17:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.0 %		80-120		P2J2102	10/21/22 10:43	10/21/22 17:46	EPA 8021B	

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

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

MW-9
2J21001-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.3 %		80-120		P2J2102	10/21/22 10:43	10/21/22 18:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.3 %		80-120		P2J2102	10/21/22 10:43	10/21/22 18:07	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

MW-12**2J21001-10 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**Organics by GC**

Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:29	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:29	EPA 8021B	
Xylene (o)	0.00136	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	85.0 %		80-120		P2J2102	10/21/22 10:43	10/21/22 18:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.7 %		80-120		P2J2102	10/21/22 10:43	10/21/22 18:29	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

MW-30
2J21001-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:50	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:50	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:50	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:50	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 18:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	87.2 %		80-120		P2J2102	10/21/22 10:43	10/21/22 18:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.2 %		80-120		P2J2102	10/21/22 10:43	10/21/22 18:50	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

MW-27
2J21001-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 19:12	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 19:12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 19:12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 19:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2102	10/21/22 10:43	10/21/22 19:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	85.7 %		80-120		P2J2102	10/21/22 10:43	10/21/22 19:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.8 %		80-120		P2J2102	10/21/22 10:43	10/21/22 19:12	EPA 8021B	

TRC Solutions- Midland, Texas
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Midland TX, 79705

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

MW-20
2J21001-13 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00160	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 12:23	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 12:23	EPA 8021B	
Ethylbenzene	0.00283	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 12:23	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 12:23	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 12:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.4 %		80-120		P2J2603	10/26/22 09:24	10/26/22 12:23	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.1 %		80-120		P2J2603	10/26/22 09:24	10/26/22 12:23	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

MW-23
2J21001-14 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 12:45	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 12:45	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 12:45	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 12:45	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 12:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	90.3 %		80-120		P2J2603	10/26/22 09:24	10/26/22 12:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.5 %		80-120		P2J2603	10/26/22 09:24	10/26/22 12:45	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

MW-25
2J21001-15 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0129	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 13:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 13:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 13:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 13:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 13:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.2 %		80-120		P2J2603	10/26/22 09:24	10/26/22 13:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.9 %		80-120		P2J2603	10/26/22 09:24	10/26/22 13:07	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

MW-3
2J21001-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0246	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 13:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 13:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 13:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 13:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 13:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	89.8 %		80-120		P2J2603	10/26/22 09:24	10/26/22 13:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.1 %		80-120		P2J2603	10/26/22 09:24	10/26/22 13:28	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

RW-1
2J21001-17 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.795	0.00500	mg/L	5	P2J2603	10/26/22 09:24	10/27/22 09:49	EPA 8021B	
Toluene	0.0110	0.00500	mg/L	5	P2J2603	10/26/22 09:24	10/27/22 09:49	EPA 8021B	
Ethylbenzene	0.136	0.00500	mg/L	5	P2J2603	10/26/22 09:24	10/27/22 09:49	EPA 8021B	
Xylene (p/m)	0.149	0.0100	mg/L	5	P2J2603	10/26/22 09:24	10/27/22 09:49	EPA 8021B	
Xylene (o)	0.0778	0.00500	mg/L	5	P2J2603	10/26/22 09:24	10/27/22 09:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	86.2 %		80-120		P2J2603	10/26/22 09:24	10/27/22 09:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.8 %		80-120		P2J2603	10/26/22 09:24	10/27/22 09:49	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.091	0.0011	mg/L	10	P2K1401	10/26/22 07:00	10/31/22 19:03	8270C	SUB-13
2-Methylnaphthalene	0.074	0.0011	mg/L	10	P2K1401	10/26/22 07:00	10/31/22 19:03	8270C	SUB-13
Acenaphthene	0.00092	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Acenaphthylene	0.0018	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Anthracene	ND	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Benzo (a) anthracene	ND	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Benzo (a) pyrene	ND	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Chrysene	ND	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Fluoranthene	ND	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Fluorene	0.013	0.00011	mg/L	10	P2K1401	10/26/22 07:00	10/31/22 19:03	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	8270C	SUB-13
Naphthalene	0.049	0.0011	mg/L	10	P2K1401	10/26/22 07:00	10/31/22 19:03	8270C	SUB-13
Phenanthrene	0.021	0.0011	mg/L	10	P2K1401	10/26/22 07:00	10/31/22 19:03	8270C	SUB-13
Pyrene	ND	0.00011	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 18:43	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

MW-10
2J21001-18 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.239	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 14:11	EPA 8021B	
Toluene	0.00185	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 14:11	EPA 8021B	
Ethylbenzene	0.00170	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 14:11	EPA 8021B	
Xylene (p/m)	0.00401	0.00200	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 14:11	EPA 8021B	
Xylene (o)	0.00169	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/26/22 14:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	84.6 %		80-120		P2J2603	10/26/22 09:24	10/26/22 14:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.0 %		80-120		P2J2603	10/26/22 09:24	10/26/22 14:11	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.014	0.0010	mg/L	10	P2K1401	10/26/22 07:00	11/08/22 16:01	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Acenaphthene	0.00022	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Acenaphthylene	0.00025	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Fluorene	0.0019	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Naphthalene	0.00073	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Phenanthrene	0.0016	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:23	8270C	SUB-13

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

MW-26
2J21001-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.164	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:10	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:10	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:10	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:10	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.5 %		80-120		P2J2603	10/26/22 09:24	10/27/22 10:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.4 %		80-120		P2J2603	10/26/22 09:24	10/27/22 10:10	EPA 8021B	

TRC Solutions- Midland, Texas
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Midland TX, 79705

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

MW-18
2J21001-20 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.58	0.0100	mg/L	10	P2J2603	10/26/22 09:24	10/26/22 14:54	EPA 8021B	
Toluene	0.00263	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:32	EPA 8021B	
Ethylbenzene	0.0116	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:32	EPA 8021B	
Xylene (p/m)	0.114	0.00200	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:32	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:32	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>73.8 %</i>		<i>80-120</i>		<i>P2J2603</i>	<i>10/26/22 09:24</i>	<i>10/27/22 10:32</i>	<i>EPA 8021B</i>	<i>S-GC</i>
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>95.3 %</i>		<i>80-120</i>		<i>P2J2603</i>	<i>10/26/22 09:24</i>	<i>10/27/22 10:32</i>	<i>EPA 8021B</i>	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.038	0.0012	mg/L	10	P2K1401	10/26/22 07:00	10/31/22 20:03	8270C	SUB-13
2-Methylnaphthalene	0.00049	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Acenaphthene	0.00042	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Acenaphthylene	0.00064	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Anthracene	ND	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Benzo (a) anthracene	ND	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Benzo (a) pyrene	ND	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Chrysene	ND	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Fluoranthene	ND	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Fluorene	0.0039	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Naphthalene	0.010	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Phenanthrene	0.0027	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13
Pyrene	ND	0.00012	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 19:43	8270C	SUB-13

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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

MW-17
2J21001-21 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	2.52	0.0100	mg/L	10	P2J2603	10/26/22 09:24	10/26/22 15:16	EPA 8021B	
Toluene	0.00287	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:53	EPA 8021B	
Ethylbenzene	0.00239	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:53	EPA 8021B	
Xylene (p/m)	0.152	0.00200	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P2J2603	10/26/22 09:24	10/27/22 10:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	74.2 %		80-120		P2J2603	10/26/22 09:24	10/27/22 10:53	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	96.3 %		80-120		P2J2603	10/26/22 09:24	10/27/22 10:53	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.065	0.0012	mg/L	10	P2K1401	10/26/22 07:00	10/31/22 20:44	8270C	SUB-13
2-Methylnaphthalene	0.025	0.0012	mg/L	10	P2K1401	10/26/22 07:00	10/31/22 20:44	8270C	SUB-13
Acenaphthene	0.00022	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Acenaphthylene	0.00040	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Fluorene	0.0026	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Naphthalene	0.052	0.0010	mg/L	10	P2K1401	10/26/22 07:00	10/31/22 20:44	8270C	SUB-13
Phenanthrene	0.0021	0.0010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P2K1401	10/26/22 07:00	10/31/22 20:24	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

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
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Batch P2J2102 - * DEFAULT PREP *****

Blank (P2J2102-BLK1)

Prepared & Analyzed: 10/21/22

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	0.00122	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.6	80-120			

LCS (P2J2102-BS1)

Prepared & Analyzed: 10/21/22

Benzene	0.0967	0.00100	mg/L	0.100		96.7	80-120			
Toluene	0.0952	0.00100	"	0.100		95.2	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200		98.8	80-120			
Xylene (o)	0.0859	0.00100	"	0.100		85.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

LCS Dup (P2J2102-BSD1)

Prepared & Analyzed: 10/21/22

Benzene	0.0993	0.00100	mg/L	0.100		99.3	80-120	2.70	20	
Toluene	0.101	0.00100	"	0.100		101	80-120	5.81	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	9.64	20	
Xylene (p/m)	0.219	0.00200	"	0.200		109	80-120	10.3	20	
Xylene (o)	0.0954	0.00100	"	0.100		95.4	80-120	10.4	20	
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.9	80-120			

Calibration Blank (P2J2102-CCB1)

Prepared & Analyzed: 10/21/22

Benzene	0.0600		ug/l							
Toluene	0.360		"							
Ethylbenzene	0.610		"							
Xylene (p/m)	1.46		"							
Xylene (o)	1.20		"							
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.6	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
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Batch P2J2102 - * DEFAULT PREP *****

Calibration Blank (P2J2102-CCB2)

Prepared & Analyzed: 10/21/22

Benzene	0.0800		ug/l							
Toluene	0.290		"							
Ethylbenzene	0.480		"							
Xylene (p/m)	1.16		"							
Xylene (o)	0.990		"							
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.1	80-120			

Calibration Check (P2J2102-CCV1)

Prepared & Analyzed: 10/21/22

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0905	0.00100	"	0.100		90.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

Calibration Check (P2J2102-CCV2)

Prepared & Analyzed: 10/21/22

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		110	80-120			
Xylene (o)	0.0968	0.00100	"	0.100		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.8	80-120			

Calibration Check (P2J2102-CCV3)

Prepared & Analyzed: 10/21/22

Benzene	0.120	0.00100	mg/L	0.100		120	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.1	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

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
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Batch P2J2102 - * DEFAULT PREP *****

Matrix Spike (P2J2102-MS1)		Source: 2J19001-01		Prepared & Analyzed: 10/21/22						
Benzene	0.105	0.00100	mg/L	0.100	ND	105	80-120			
Toluene	0.0948	0.00100	"	0.100	ND	94.8	80-120			
Ethylbenzene	0.0976	0.00100	"	0.100	ND	97.6	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200	ND	92.3	80-120			
Xylene (o)	0.0838	0.00100	"	0.100	ND	83.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

Matrix Spike Dup (P2J2102-MSD1)		Source: 2J19001-01		Prepared & Analyzed: 10/21/22						
Benzene	0.0961	0.00100	mg/L	0.100	ND	96.1	80-120	9.07	20	
Toluene	0.0871	0.00100	"	0.100	ND	87.1	80-120	8.46	20	
Ethylbenzene	0.0899	0.00100	"	0.100	ND	89.9	80-120	8.22	20	
Xylene (p/m)	0.170	0.00200	"	0.200	ND	84.9	80-120	8.43	20	
Xylene (o)	0.0787	0.00100	"	0.100	ND	78.7	80-120	6.27	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Batch P2J2603 - * DEFAULT PREP *****

Blank (P2J2603-BLK1)		Prepared & Analyzed: 10/26/22								
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	0.109		"	0.120		90.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.0	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
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Batch P2J2603 - * DEFAULT PREP *****

LCS (P2J2603-BS1)

Prepared & Analyzed: 10/26/22

Benzene	0.0917	0.00100	mg/L	0.100		91.7	80-120			
Toluene	0.0943	0.00100	"	0.100		94.3	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0877	0.00100	"	0.100		87.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

LCS Dup (P2J2603-BSD1)

Prepared & Analyzed: 10/26/22

Benzene	0.0971	0.00100	mg/L	0.100		97.1	80-120	5.71	20	
Toluene	0.101	0.00100	"	0.100		101	80-120	7.07	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	10.0	20	
Xylene (p/m)	0.223	0.00200	"	0.200		112	80-120	10.1	20	
Xylene (o)	0.0966	0.00100	"	0.100		96.6	80-120	9.59	20	
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.3	80-120			

Calibration Blank (P2J2603-CCB1)

Prepared & Analyzed: 10/26/22

Benzene	0.0800		ug/l							
Toluene	0.350		"							
Ethylbenzene	0.370		"							
Xylene (p/m)	0.950		"							
Xylene (o)	0.580		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.4	80-120			

Calibration Check (P2J2603-CCV1)

Prepared & Analyzed: 10/26/22

Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.0936	0.00100	"	0.100		93.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	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
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Batch P2J2603 - * DEFAULT PREP *****

Calibration Check (P2J2603-CCV2)

Prepared & Analyzed: 10/26/22

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0934	0.00100	"	0.100		93.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	80-120			

Calibration Check (P2J2603-CCV3)

Prepared & Analyzed: 10/26/22

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0981	0.00100	"	0.100		98.1	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0901	0.00100	"	0.100		90.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

Matrix Spike (P2J2603-MS1)

Source: 2J21001-13

Prepared & Analyzed: 10/26/22

Benzene	0.103	0.00100	mg/L	0.100	0.00160	102	80-120			
Toluene	0.0952	0.00100	"	0.100	ND	95.2	80-120			
Ethylbenzene	0.107	0.00100	"	0.100	0.00283	104	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200	ND	97.7	80-120			
Xylene (o)	0.0823	0.00100	"	0.100	ND	82.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.0	80-120			

Matrix Spike Dup (P2J2603-MSD1)

Source: 2J21001-13

Prepared & Analyzed: 10/26/22

Benzene	0.100	0.00100	mg/L	0.100	0.00160	98.6	80-120	3.31	20	
Toluene	0.0959	0.00100	"	0.100	ND	95.9	80-120	0.733	20	
Ethylbenzene	0.111	0.00100	"	0.100	0.00283	108	80-120	3.73	20	
Xylene (p/m)	0.204	0.00200	"	0.200	ND	102	80-120	4.37	20	
Xylene (o)	0.0861	0.00100	"	0.100	ND	86.1	80-120	4.57	20	
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	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

Notes and Definitions

SUB-13 Subcontract of analyte/analysis to ALS Houston.

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

ROI Received on Ice

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

pH1 The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.

NPBEL C Chain of Custody was not generated at PBELAB

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

11/15/2022

Brent Barron, Laboratory Director/Technical Director

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

Project: 97-18
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.

PBMLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Page 1 OF 3
Phone: 432-661-4184

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland/TX/79705

Telephone No: (432)5207720

Fax No:

Sampler Signature: *Michael H. Stanley*

e-mail:

cdstanley@trccompanies.com
clbryant@paalp.com
khudgens@paalp.com

Report Format:

☒ Standard☐ TRRP☐ NPDES

Project Name: TNM 97-18

Project #: SRS TNM 97-18

Project Loc: Lea County, NM

PO #:

ORDER #: 2521001

(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 (3 VOA)	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None (3 Amber VOA)	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	Total BTEX by 8260	PAH by 8270	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24,	Standard TAT
1		MW-11				10-19-22	1048		3	X		3							GW						X									X
2		MW-14					1115		3	X		3							GW						X									X
3		MW-15					1140		3	X		3							GW						X									X
4		MW-16					1200		3	X		3							GW						X									X
5		MW-21					1222		3	X		3							GW						X									X
6		MW-22					1241		3	X		3							GW						X									X
7		MW-28					1305		3	X		3							GW						X									X
8		MW-8					1341		3	X		3							GW						X									X
9		MW-9					1408		3	X		3							GW						X									X
10		MW-12					1435		3	X		3							GW						X									X

Special Instructions: Bill to Plains

Relinquished by: *Manny* Date: 10-21-22 Time: 9:10 Received by: *John Blum*Relinquished by: *Manny* Date: 10-21-22 Time: 9:10 Received by: *John Blum*Relinquished by: *Manny* Date: 10-21-22 Time: 9:10 Received by: *John Blum*Relinquished by: *Manny* Date: 10-21-22 Time: 9:10 Received by: *John Blum*

Date: 10/21/22 Time: 9:10

Date: 10/21/22 Time: 9:10

Laboratory Comments:

Sample Containers Intact?

VOCs Free of HeadSpace?

Labels on Containers?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered by Sampler/Client Rep?

Sample Hand Delivered by Sampler/Client Rep?

Sample Hand Delivered by Sampler/Client Rep?

Sample Hand Delivered by Sampler/Client Rep?

Sample Hand Delivered by Sampler/Client Rep?

Sample Hand Delivered by Sampler/Client Rep?

Sample Hand Delivered by Sampler/Client Rep?

Sample Hand Delivered by Sampler/Client Rep?

PBBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

CMM

Page 3 OF 3
Phone: 432-661-4184

Project Manager: Curt Stanley

Project Name: TNM 97-18

Company Name: TRC Environmental Corporation

Project #: SRS TNM 97-18

Company Address: 10 Destia Drive, Ste 130E

Project Loc: Lea County, NM

City/State/Zip: Midland/TX/79705

PO #:

Telephone No: (432)5207720

Fax No:

Sampler Signature: *[Signature]*e-mail: cdstanley@trccompanies.com
cibryan@paalp.com
khuddgens@paalp.com

Report Format:

☒ Standard☐ TRRP☐ NPDES

(lab use only)

ORDER #: 2521001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl (3 VOA)	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None (3 Amber VOA)	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	Total BTEX by 8260	PAH by 8270	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
21	MW-17			10-19-22	1807		6	X		3				X		GW																X
	MW-5							X		3						GW																X
	MW-7							X		3						GW																X

Special Instructions:

Bill to Plains

Relinquished by: *Plains* Date: 10-21-22 Time: 9:10 Received by: *[Signature]*Relinquished by: *Plains* Date: *10-21-22* Time: *9:10* Received by: *[Signature]*Relinquished by: *Plains* Date: *10-21-22* Time: *9:10* Received by: *[Signature]*

Laboratory Comments:

Sample Containers Intact? *[X]*
VOCs Free of HeadSpace? *[X]*
Labels on container(s) *[X]*
Custody seals on container(s) *[X]*
Custody seals on cooler(s) *[X]*
Sample Hand Delivered *[X]*
by Courier? *[X]*
by Sample/Client Rep. *[X]*
Temperature Upon Receipt: *45* °C
Adjusted: *45* °C Factor *0.97*



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-661-4184
Sampler Signature: N/A
Project Name: SUBCONTRACT
Project #:
Project Loc:
PO #:
Report Format: ☒ Standard ☐ TRRP ☐ NPDES

e-mail: brentbarron@pbelab.com

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers								Matrix	8270C PAH LL	72 HOUR STANDARD
								HNO ₃ 250 POLY-T	HCl 3.40ML VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH/Ascorbic Acid 250ML P	Na ₂ O ₃	NONE	NONE 3 AMBER VOA VIALS	DW=Drinking Water SL=Sludge			
	2J21001-17			10/19/2022	16:58		3	X									X	
	2J21001-18			10/19/2022	17:13		3	X									X	
	2J21001-20			10/19/2022	17:45		3	X									X	
	2J21001-21			10/19/2022	18:07		3	X									X	

SPECIAL INSTRUCTIONS:

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

Relinquished by:	Date	Time	Received by:	Date	Time

Relinquished by:	Date	Time	Received by:	Date	Time

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



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

November 10, 2022

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

Work Order: **HS22101321**

Laboratory Results for: **2J21001**

Dear Brent Barron,

ALS Environmental received 4 sample(s) on Oct 25, 2022 for the analysis presented in the following report.

This is a REVISED REPORT. Please see the Case Narrative for discussion concerning this revision.

Regards,

A handwritten signature in black ink that reads 'Anna M. Kinchen'.

Generated By: JUMOKE.LAWAL
Anna Kinchen
Project Manager

ALS Houston, US

Date: 10-Nov-22

Client:

Project:

Work Order:

Permian Basin Environmental Lab, LP
2J21001
HS22101321

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS22101321-01	2J21001-17	Water		19-Oct-2022 16:58	25-Oct-2022 09:45	☐
HS22101321-02	2J21001-18	Water		19-Oct-2022 17:13	25-Oct-2022 09:45	☐
HS22101321-03	2J21001-20	Water		19-Oct-2022 17:45	25-Oct-2022 09:45	☐
HS22101321-04	2J21001-21	Water		19-Oct-2022 18:07	25-Oct-2022 09:45	☐

Revision:1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J21001
Work Order: HS22101321

CASE NARRATIVE

Work Order Comments

- Revised this report on 11-10-22 to include 1-Methylnaphthalene and 2-Methylnaphthalene in the PAH list per client request.

GCMS Semivolatiles by Method SW8270

Batch ID: 185312

Sample ID: HS22101085-01MSD

- MSD is for an unrelated sample (Chrysene)

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
 Project: 2J21001
 Sample ID: 2J21001-17
 Collection Date: 19-Oct-2022 16:58

ANALYTICAL REPORT

WorkOrder:HS22101321
 Lab ID:HS22101321-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 26-Oct-2022		Analyst: MBG
1-Methylnaphthalene	91.0	n	1.06	ug/L	10	31-Oct-2022 19:03
2-Methylnaphthalene	73.8		1.06	ug/L	10	31-Oct-2022 19:03
Acenaphthene	0.917		0.106	ug/L	1	31-Oct-2022 18:43
Acenaphthylene	1.79		0.106	ug/L	1	31-Oct-2022 18:43
Anthracene	ND		0.106	ug/L	1	31-Oct-2022 18:43
Benz(a)anthracene	ND		0.106	ug/L	1	31-Oct-2022 18:43
Benzo(a)pyrene	ND		0.106	ug/L	1	31-Oct-2022 18:43
Benzo(b)fluoranthene	ND		0.106	ug/L	1	31-Oct-2022 18:43
Benzo(g,h,i)perylene	ND		0.106	ug/L	1	31-Oct-2022 18:43
Benzo(k)fluoranthene	ND		0.106	ug/L	1	31-Oct-2022 18:43
Chrysene	ND		0.106	ug/L	1	31-Oct-2022 18:43
Dibenz(a,h)anthracene	ND		0.106	ug/L	1	31-Oct-2022 18:43
Fluoranthene	ND		0.106	ug/L	1	31-Oct-2022 18:43
Fluorene	12.5		1.06	ug/L	10	31-Oct-2022 19:03
Indeno(1,2,3-cd)pyrene	ND		0.106	ug/L	1	31-Oct-2022 18:43
Naphthalene	48.5		1.06	ug/L	10	31-Oct-2022 19:03
Phenanthrene	21.0		1.06	ug/L	10	31-Oct-2022 19:03
Pyrene	ND		0.106	ug/L	1	31-Oct-2022 18:43
Surr: 2-Fluorobiphenyl	90.7		32-130	%REC	1	31-Oct-2022 18:43
Surr: 2-Fluorobiphenyl	105		32-130	%REC	10	31-Oct-2022 19:03
Surr: 4-Terphenyl-d14	100		40-135	%REC	1	31-Oct-2022 18:43
Surr: 4-Terphenyl-d14	88.0		40-135	%REC	10	31-Oct-2022 19:03
Surr: Nitrobenzene-d5	117		45-142	%REC	1	31-Oct-2022 18:43
Surr: Nitrobenzene-d5	122		45-142	%REC	10	31-Oct-2022 19:03

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

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
 Project: 2J21001
 Sample ID: 2J21001-18
 Collection Date: 19-Oct-2022 17:13

ANALYTICAL REPORT

WorkOrder:HS22101321
 Lab ID:HS22101321-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270			Prep:SW3511 / 26-Oct-2022	Analyst: MBG
1-Methylnaphthalene	13.6	n	1.03	ug/L	10	08-Nov-2022 16:01
2-Methylnaphthalene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Acenaphthene	0.221		0.103	ug/L	1	31-Oct-2022 19:23
Acenaphthylene	0.254		0.103	ug/L	1	31-Oct-2022 19:23
Anthracene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Benz(a)anthracene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Benzo(a)pyrene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Benzo(b)fluoranthene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Benzo(g,h,i)perylene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Benzo(k)fluoranthene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Chrysene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Dibenz(a,h)anthracene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Fluoranthene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Fluorene	1.90		0.103	ug/L	1	31-Oct-2022 19:23
Indeno(1,2,3-cd)pyrene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Naphthalene	0.732		0.103	ug/L	1	31-Oct-2022 19:23
Phenanthrene	1.58		0.103	ug/L	1	31-Oct-2022 19:23
Pyrene	ND		0.103	ug/L	1	31-Oct-2022 19:23
Surr: 2-Fluorobiphenyl	82.5		32-130	%REC	10	08-Nov-2022 16:01
Surr: 2-Fluorobiphenyl	102		32-130	%REC	1	31-Oct-2022 19:23
Surr: 4-Terphenyl-d14	120		40-135	%REC	1	31-Oct-2022 19:23
Surr: 4-Terphenyl-d14	121		40-135	%REC	10	08-Nov-2022 16:01
Surr: Nitrobenzene-d5	79.8		45-142	%REC	10	08-Nov-2022 16:01
Surr: Nitrobenzene-d5	114		45-142	%REC	1	31-Oct-2022 19:23

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

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
 Project: 2J21001
 Sample ID: 2J21001-20
 Collection Date: 19-Oct-2022 17:45

ANALYTICAL REPORT

WorkOrder:HS22101321
 Lab ID:HS22101321-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 26-Oct-2022		Analyst: MBG
1-Methylnaphthalene	38.4	n	1.15	ug/L	10	31-Oct-2022 20:03
2-Methylnaphthalene	0.487		0.115	ug/L	1	31-Oct-2022 19:43
Acenaphthene	0.420		0.115	ug/L	1	31-Oct-2022 19:43
Acenaphthylene	0.638		0.115	ug/L	1	31-Oct-2022 19:43
Anthracene	ND		0.115	ug/L	1	31-Oct-2022 19:43
Benz(a)anthracene	ND		0.115	ug/L	1	31-Oct-2022 19:43
Benzo(a)pyrene	ND		0.115	ug/L	1	31-Oct-2022 19:43
Benzo(b)fluoranthene	ND		0.115	ug/L	1	31-Oct-2022 19:43
Benzo(g,h,i)perylene	ND		0.115	ug/L	1	31-Oct-2022 19:43
Benzo(k)fluoranthene	ND		0.115	ug/L	1	31-Oct-2022 19:43
Chrysene	ND		0.115	ug/L	1	31-Oct-2022 19:43
Dibenz(a,h)anthracene	ND		0.115	ug/L	1	31-Oct-2022 19:43
Fluoranthene	ND		0.115	ug/L	1	31-Oct-2022 19:43
Fluorene	3.93		0.115	ug/L	1	31-Oct-2022 19:43
Indeno(1,2,3-cd)pyrene	ND		0.115	ug/L	1	31-Oct-2022 19:43
Naphthalene	10.2		0.115	ug/L	1	31-Oct-2022 19:43
Phenanthrene	2.72		0.115	ug/L	1	31-Oct-2022 19:43
Pyrene	ND		0.115	ug/L	1	31-Oct-2022 19:43
Surr: 2-Fluorobiphenyl	122		32-130	%REC	1	31-Oct-2022 19:43
Surr: 2-Fluorobiphenyl	119		32-130	%REC	10	31-Oct-2022 20:03
Surr: 4-Terphenyl-d14	93.2		40-135	%REC	10	31-Oct-2022 20:03
Surr: 4-Terphenyl-d14	127		40-135	%REC	1	31-Oct-2022 19:43
Surr: Nitrobenzene-d5	114		45-142	%REC	1	31-Oct-2022 19:43
Surr: Nitrobenzene-d5	86.5		45-142	%REC	10	31-Oct-2022 20:03

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

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
 Project: 2J21001
 Sample ID: 2J21001-21
 Collection Date: 19-Oct-2022 18:07

ANALYTICAL REPORT

WorkOrder:HS22101321
 Lab ID:HS22101321-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 26-Oct-2022		Analyst: MBG
1-Methylnaphthalene	64.7	n	1.02	ug/L	10	31-Oct-2022 20:44
2-Methylnaphthalene	25.0		1.02	ug/L	10	31-Oct-2022 20:44
Acenaphthene	0.218		0.102	ug/L	1	31-Oct-2022 20:24
Acenaphthylene	0.396		0.102	ug/L	1	31-Oct-2022 20:24
Anthracene	ND		0.102	ug/L	1	31-Oct-2022 20:24
Benz(a)anthracene	ND		0.102	ug/L	1	31-Oct-2022 20:24
Benzo(a)pyrene	ND		0.102	ug/L	1	31-Oct-2022 20:24
Benzo(b)fluoranthene	ND		0.102	ug/L	1	31-Oct-2022 20:24
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	31-Oct-2022 20:24
Benzo(k)fluoranthene	ND		0.102	ug/L	1	31-Oct-2022 20:24
Chrysene	ND		0.102	ug/L	1	31-Oct-2022 20:24
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	31-Oct-2022 20:24
Fluoranthene	ND		0.102	ug/L	1	31-Oct-2022 20:24
Fluorene	2.56		0.102	ug/L	1	31-Oct-2022 20:24
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	31-Oct-2022 20:24
Naphthalene	51.9		1.02	ug/L	10	31-Oct-2022 20:44
Phenanthrene	2.06		0.102	ug/L	1	31-Oct-2022 20:24
Pyrene	ND		0.102	ug/L	1	31-Oct-2022 20:24
Surr: 2-Fluorobiphenyl	93.2		32-130	%REC	10	31-Oct-2022 20:44
Surr: 2-Fluorobiphenyl	87.3		32-130	%REC	1	31-Oct-2022 20:24
Surr: 4-Terphenyl-d14	119		40-135	%REC	1	31-Oct-2022 20:24
Surr: 4-Terphenyl-d14	97.9		40-135	%REC	10	31-Oct-2022 20:44
Surr: Nitrobenzene-d5	122		45-142	%REC	1	31-Oct-2022 20:24
Surr: Nitrobenzene-d5	125		45-142	%REC	10	31-Oct-2022 20:44

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

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP

Project: 2J21001

WorkOrder: HS22101321

Batch ID: 185312

Start Date: 26 Oct 2022 07:00

End Date: 26 Oct 2022 11:00

Method: SW3511

Prep Code: 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS22101321-01		31.18 (mL)	2 (mL)	0.06414	40 mL Amber
HS22101321-02		32.08 (mL)	2 (mL)	0.06234	40 mL Amber
HS22101321-03		28.76 (mL)	2 (mL)	0.06954	40 mL Amber
HS22101321-04		32.35 (mL)	2 (mL)	0.06182	40 mL Amber

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J21001
WorkOrder: HS22101321

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 185312 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS22101321-01	2J21001-17	19 Oct 2022 16:58		26 Oct 2022 07:00	31 Oct 2022 19:03	10
HS22101321-01	2J21001-17	19 Oct 2022 16:58		26 Oct 2022 07:00	31 Oct 2022 18:43	1
HS22101321-02	2J21001-18	19 Oct 2022 17:13		26 Oct 2022 07:00	31 Oct 2022 19:23	1
HS22101321-02	2J21001-18	19 Oct 2022 17:13		26 Oct 2022 07:00	08 Nov 2022 16:01	10
HS22101321-03	2J21001-20	19 Oct 2022 17:45		26 Oct 2022 07:00	31 Oct 2022 20:03	10
HS22101321-03	2J21001-20	19 Oct 2022 17:45		26 Oct 2022 07:00	31 Oct 2022 19:43	1
HS22101321-04	2J21001-21	19 Oct 2022 18:07		26 Oct 2022 07:00	31 Oct 2022 20:44	10
HS22101321-04	2J21001-21	19 Oct 2022 18:07		26 Oct 2022 07:00	31 Oct 2022 20:24	1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J21001
WorkOrder: HS22101321

QC BATCH REPORT

Batch ID: 185312 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
MBLK	Sample ID: MBLK-185312	Units: ug/L		Analysis Date: 27-Oct-2022 15:43					
Client ID:	Run ID: SV-6_420485	SeqNo: 6947913		PrepDate: 26-Oct-2022		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							
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	3.359	0.100	3.03	0	111	32 - 130			
Surr: 4-Terphenyl-d14	4.054	0.100	3.03	0	134	40 - 135			
Surr: Nitrobenzene-d5	2.209	0.100	3.03	0	72.9	45 - 142			

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J21001
WorkOrder: HS22101321

QC BATCH REPORT

Batch ID: 185312 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-185312		Units: ug/L		Analysis Date: 27-Oct-2022 16:03			
Client ID:		Run ID: SV-6_420485		SeqNo: 6947914		PrepDate: 26-Oct-2022		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	3.487	0.100	3.03	0	115	40 - 140			
2-Methylnaphthalene	2.366	0.100	3.03	0	78.1	40 - 140			
Acenaphthene	2.162	0.100	3.03	0	71.3	40 - 140			
Acenaphthylene	2.503	0.100	3.03	0	82.6	40 - 140			
Anthracene	3.005	0.100	3.03	0	99.2	40 - 140			
Benz(a)anthracene	1.253	0.100	3.03	0	41.4	40 - 140			
Benzo(a)pyrene	2.667	0.100	3.03	0	88.0	40 - 140			
Benzo(b)fluoranthene	1.262	0.100	3.03	0	41.6	40 - 140			
Benzo(g,h,i)perylene	1.455	0.100	3.03	0	48.0	40 - 140			
Benzo(k)fluoranthene	1.974	0.100	3.03	0	65.1	40 - 140			
Chrysene	2.386	0.100	3.03	0	78.7	40 - 140			
Dibenz(a,h)anthracene	1.55	0.100	3.03	0	51.2	40 - 140			
Fluoranthene	2.02	0.100	3.03	0	66.7	40 - 140			
Fluorene	2.368	0.100	3.03	0	78.2	40 - 140			
Indeno(1,2,3-cd)pyrene	1.436	0.100	3.03	0	47.4	40 - 140			
Naphthalene	2.554	0.100	3.03	0	84.3	40 - 140			
Phenanthrene	1.591	0.100	3.03	0	52.5	40 - 140			
Pyrene	3.436	0.100	3.03	0	113	40 - 140			
Surr: 2-Fluorobiphenyl	3.923	0.100	3.03	0	129	32 - 130			
Surr: 4-Terphenyl-d14	2.37	0.100	3.03	0	78.2	40 - 135			
Surr: Nitrobenzene-d5	2.289	0.100	3.03	0	75.5	45 - 142			

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J21001
WorkOrder: HS22101321

QC BATCH REPORT

Batch ID: 185312 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
MS		Sample ID: HS22101085-01MS		Units: ug/L		Analysis Date: 27-Oct-2022 16:45			
Client ID:		Run ID: SV-6_420485		SeqNo: 6947916		PrepDate: 26-Oct-2022		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
1-Methylnaphthalene	2.326	0.105	3.184	0	73.1	40 - 140			
2-Methylnaphthalene	1.33	0.105	3.184	0	41.8	40 - 140			
Acenaphthene	2.128	0.105	3.184	0	66.8	40 - 140			
Acenaphthylene	1.626	0.105	3.184	0	51.1	40 - 140			
Anthracene	3.42	0.105	3.184	0	107	40 - 140			
Benz(a)anthracene	1.429	0.105	3.184	0	44.9	40 - 140			
Benzo(a)pyrene	1.951	0.105	3.184	0	61.3	40 - 140			
Benzo(b)fluoranthene	1.378	0.105	3.184	0	43.3	40 - 140			
Benzo(g,h,i)perylene	1.402	0.105	3.184	0	44.0	40 - 140			
Benzo(k)fluoranthene	1.722	0.105	3.184	0	54.1	40 - 140			
Chrysene	1.547	0.105	3.184	0	48.6	40 - 140			
Dibenz(a,h)anthracene	2.062	0.105	3.184	0	64.8	40 - 140			
Fluoranthene	3.027	0.105	3.184	0.3229	84.9	40 - 140			
Fluorene	1.967	0.105	3.184	0	61.8	40 - 140			
Indeno(1,2,3-cd)pyrene	1.878	0.105	3.184	0	59.0	40 - 140			
Naphthalene	1.879	0.105	3.184	0	59.0	40 - 140			
Phenanthrene	2.18	0.105	3.184	0	68.4	40 - 140			
Pyrene	2.566	0.105	3.184	0.1794	75.0	40 - 140			
Surr: 2-Fluorobiphenyl	2.526	0.105	3.184	0	79.3	32 - 130			
Surr: 4-Terphenyl-d14	1.894	0.105	3.184	0	59.5	40 - 135			
Surr: Nitrobenzene-d5	1.609	0.105	3.184	0	50.5	45 - 142			

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J21001
WorkOrder: HS22101321

QC BATCH REPORT

Batch ID: 185312 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D							
MSD		Sample ID: HS22101085-01MSD		Units: ug/L		Analysis Date: 27-Oct-2022 17:06					
Client ID:		Run ID: SV-6_420485		SeqNo: 6947917		PrepDate: 26-Oct-2022		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1-Methylnaphthalene	3.072	0.106	3.22	0	95.4	40 - 140	2.326	27.6	25	R	
2-Methylnaphthalene	1.879	0.106	3.22	0	58.3	40 - 140	1.33	34.2	25	R	
Acenaphthene	2.376	0.106	3.22	0	73.8	40 - 140	2.128	11	25		
Acenaphthylene	1.818	0.106	3.22	0	56.5	40 - 140	1.626	11.2	25		
Anthracene	3.302	0.106	3.22	0	103	40 - 140	3.42	3.51	25		
Benz(a)anthracene	1.588	0.106	3.22	0	49.3	40 - 140	1.429	10.5	25		
Benzo(a)pyrene	1.845	0.106	3.22	0	57.3	40 - 140	1.951	5.59	25		
Benzo(b)fluoranthene	1.307	0.106	3.22	0	40.6	40 - 140	1.378	5.32	25		
Benzo(g,h,i)perylene	1.335	0.106	3.22	0	41.5	40 - 140	1.402	4.87	25		
Benzo(k)fluoranthene	1.906	0.106	3.22	0	59.2	40 - 140	1.722	10.1	25		
Chrysene	2.197	0.106	3.22	0	68.2	40 - 140	1.547	34.7	25	R	
Dibenz(a,h)anthracene	1.893	0.106	3.22	0	58.8	40 - 140	2.062	8.52	25		
Fluoranthene	3.111	0.106	3.22	0.3229	86.6	40 - 140	3.027	2.75	25		
Fluorene	1.771	0.106	3.22	0	55.0	40 - 140	1.967	10.5	25		
Indeno(1,2,3-cd)pyrene	1.619	0.106	3.22	0	50.3	40 - 140	1.878	14.8	25		
Naphthalene	3.325	0.106	3.22	0	103	40 - 140	1.879	55.6	25	R	
Phenanthrene	1.809	0.106	3.22	0	56.2	40 - 140	2.18	18.6	25		
Pyrene	3.169	0.106	3.22	0.1794	92.8	40 - 140	2.566	21	25		
Surr: 2-Fluorobiphenyl	2.525	0.106	3.22	0	78.4	32 - 130	2.526	0.0204	25		
Surr: 4-Terphenyl-d14	1.652	0.106	3.22	0	51.3	40 - 135	1.894	13.7	25		
Surr: Nitrobenzene-d5	1.797	0.106	3.22	0	55.8	45 - 142	1.609	11.1	25		
The following samples were analyzed in this batch:											
HS22101321-01		HS22101321-02		HS22101321-03		HS22101321-04					

Revision: 1

ALS Houston, US

Date: 10-Nov-22

Client: Permian Basin Environmental Lab, LP
Project: 2J21001
WorkOrder: HS22101321

**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-Nov-22

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	22-041-0	27-Mar-2023
California	2919 2022-2023	30-Apr-2023
Dept of Defense	L21-682	31-Dec-2023
Florida	E87611-36	30-Jun-2023
Illinois	2000322022-9	09-May-2023
Kansas	E-10352; 2022-2023	31-Jul-2023
Kentucky	123043, 2022-2023	30-Apr-2023
Louisiana	03087, 2022-2023	30-Jun-2023
Maryland	343, 2022-2023	30-Jun-2023
North Carolina	624-2022	31-Dec-2022
North Dakota	R-193 2022-2023	30-Apr-2023
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-22-29	30-Apr-2023
Utah	TX026932022-13	31-Jul-2023

ALS Houston, US

Date: 10-Nov-22

Sample Receipt Checklist

Work Order ID: HS22101321

Date/Time Received: 25-Oct-2022 09:45

Client Name: Permian Basin Lab

Received by: Corey Grandits

Completed By: <u>/S/ Niles D. Ranchod</u>	25-Oct-2022 13:30	Reviewed by: <u>/S/ Anna Kinchen</u>	26-Oct-2022 08:18
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier 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 ☐	
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):	5.2C/5.0C UC/C IR #31		
Cooler(s)/Kit(s):	Small Red		
Date/Time sample(s) sent to storage:	10/25/2022 13:35		
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:



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

Phone: 432-686-7235
PBELAB SUB COC V2

Project Name: SUBCONTRACT

act #:

Loc:

PO #:

mat: X Standard ☐ TRRP ☐ NPDESe-mail: brentbarron@pbelab.com

Permian Basin Environmental Lab, LP
2J21001

e-mail: brentbarron@pbelab.commat: X Standard ☐ TRRP ☐ NPDES[illegible]

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt:		
Received: 5:25		
Adjusted: 5:00		
C Factor		

ORIGIN ID:MAFA (432) 666-7235
BRENT BARRON
PRE LAB
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US

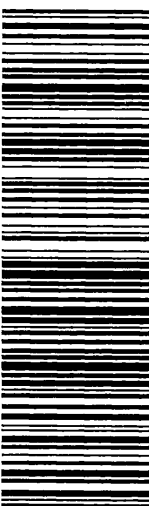
SHIP DATE: 24 OCT 22
ACT WT: 4.00 LB
CAD: 107135846NET 4530

BILL RECIPIENT

TO **SAMPLE RECEIVING**
ALS-HOUSTON
10450 STANCLIFF RD
HOUSTON TX 77099
REF: (281) 530-5615
PO: INV: DEPT:

581J11AC5FIFE20



TK# 7702 9054 1816
0207
TUE - 25 OCT 4:30P
STANDARD OVERNIGHT
AB SGRA
77099
TX-US IAH


After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
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Gm Red OCT 25 2022

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

District I - (505) 393-6161

P.O. Box 1980

Hobbs, NM 88241-1980

District II - (505) 748-1283

811 South First

Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV - (505) 827-7131

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name Texas-New Mexico Pipe Line Company	Contact Edwin H. Gripp
Address Box 60028, 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 201441

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID:
	34053
	Action Number: 201441
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2022 Annual Monitoring Report for TNM 97-18 Site on behalf of Plains Marketing, L.P.: Content Satisfactory 1. Continue to conduct quarterly monitoring and sampling of gw wells as per report. 2. Manually over-pump selected RWs monthly and adjust as necessary. 3. Continue to conduct PAH analysis as deemed necessary for select wells. 4. Submit the 2023 Annual GW Monitoring Report by April 1, 2024. 5. Conduct Low-Flow sampling per anticipated plan in report.	7/11/2023